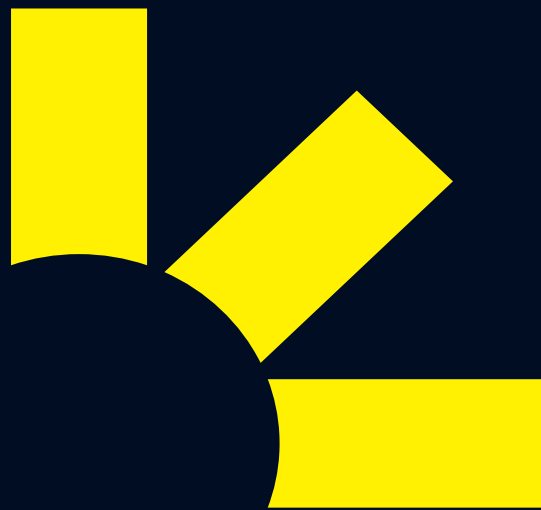


Catalogue
2021/22



Gebrüder Albert GmbH & Co. KG
Lighting factory

albert



QUALITY AND SUSTAINABILITY!

Both are our top priority. Only high-quality materials such as glass, aluminum and stainless steel - durable and recyclable - are processed by us. We put a lot of manual work into our products before they leave our company after they have been approved by our quality assurance department. In order to protect the environment and increase the profitability of the investment, it goes without saying that we design the luminaires in such a way that they can be repaired if necessary. We want our customers to enjoy our products a lot.

Gebrüder Albert GmbH & Co. KG

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Products

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Gebrüder Albert GmbH & Co. KG lighting factory

Tradition meets innovation

Gebrüder Albert has been producing high-quality metalware for more than 150 years. Drawing on a long tradition of the utmost craftsmanship, we process materials such as stainless steel, aluminium and glass and combine them with modern LED lighting technology. Our factory in Fröndenberg thus produces first-rate products that are 100% “made in Germany”. Since we value environmental protection and sustainability just as highly as quality, a large proportion of our lights contains replaceable LED components. This way, we combine tradition and innovation – a company philosophy that enables us to produce truly special products for our customers.

Gebrüder Albert – products all from a single source

Our range has grown notably over the company’s 150-year history. When Gebrüder Albert started producing classic metalware back in 1864, nobody could have guessed that the company would soon expand to include its own aluminium foundry. Over the years, we have enlarged our production sites to accommodate multiple new machines. These enhancements enable Albert Leuchten to continue producing its outdoor lights, energy pillars, letterboxes, house numbers, etc. all in house.

With our technical equipment and our many decades of experience, here in Fröndenberg we produce purely well-engineered, efficient lighting solutions. As part of this process, the highest priority is given to careful choices in the materials we use. Our suppliers provide us with purely rust-proof stainless steel, durable cast aluminium, and smash-proof acrylic glass of excellent quality. At Albert Leuchten, we use these materials to produce modern, long-lasting products that are carefully considered down to the details.

Technical finesse with unique design

In the visual conception of our products, too, we place great emphasis on originality. Many of the designs we have developed are protected by trademarks as well as design and utility patents. This means Albert Leuchten offers products that are quite literally unique. In consultation with our customers, we also develop technically refined bespoke lighting solutions, whereby the creative possibilities are almost limitless.

Intelligent and environmentally friendly lighting solutions are among the major themes for the future of the lighting industry. At Albert Leuchten, tradition and modernity merge to form a unique range of power-saving lighting concepts. From antique to contemporary, our diverse styles guarantee you’ll find the right product for any purpose.



Insect-friendly LED light with Albert Amber LED

If you want to do something for insects, you can put your lighting to the test and use insect-friendly LED light, because it attracts fewer insects. Insects are part of a healthy flora and fauna, so you protect biodiversity by creating good living conditions for the animals.

Insect-friendly light

In the past, sodium vapor lamps were used because they gave off warmer light and thus attracted fewer insects. But sodium vapor lamps still attract significantly more animals than amber LEDs. With the Albert Amber LED (color temperature similar to 2,200 K), 90% of the light emitted is outside the visible range for insects, so they are hardly attracted by the artificial light source. It makes sense to use it in sensitive areas.

Emphasize important zones

With the yellow amber light, important areas can be highlighted in color by the warm light. This creates increased safety, as people are automatically made aware of the changed situation, for example due to intersecting traffic routes. The increased vigilance reduces the risk of a possible accident.

Help shape the environment

The warm light color influences the appearance of the illuminated room.

Amber-colored light is ideal, for example, to illuminate historical surfaces or buildings made of sandstone, brick or brick.

The warm light color highlights the warm basic tone of the material particularly well.

Available for:

Bollard lights:



..2267, ..2297



..2288, ..2298

Llllumination columns



..0867, ..0897



..0868, ..0869

Pole-top luminaires:

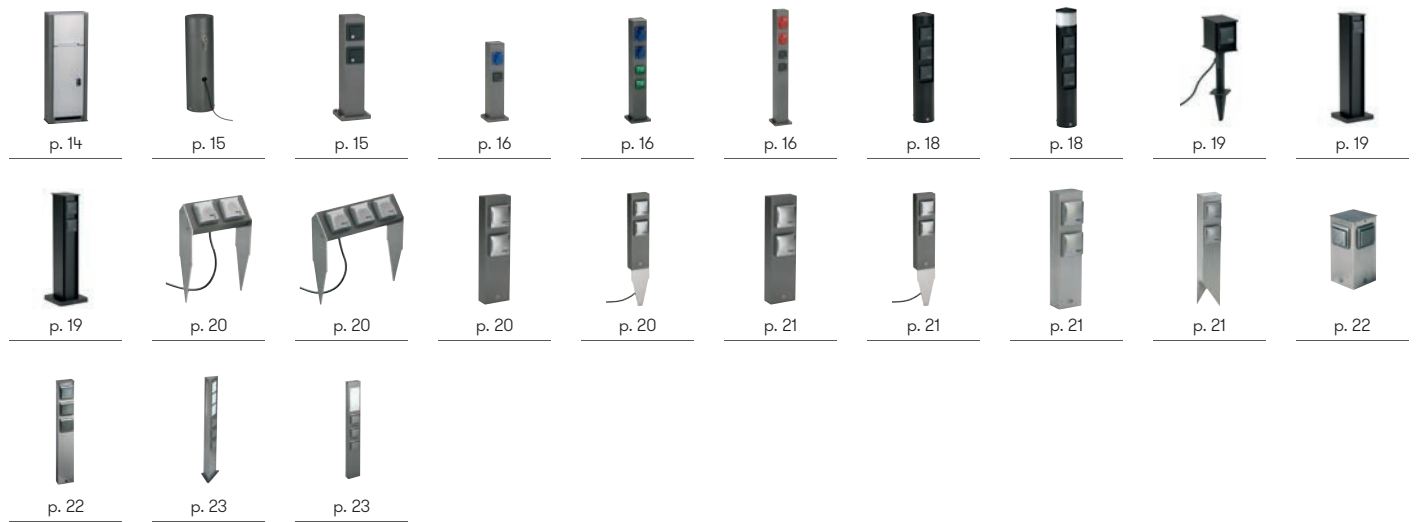


..0847

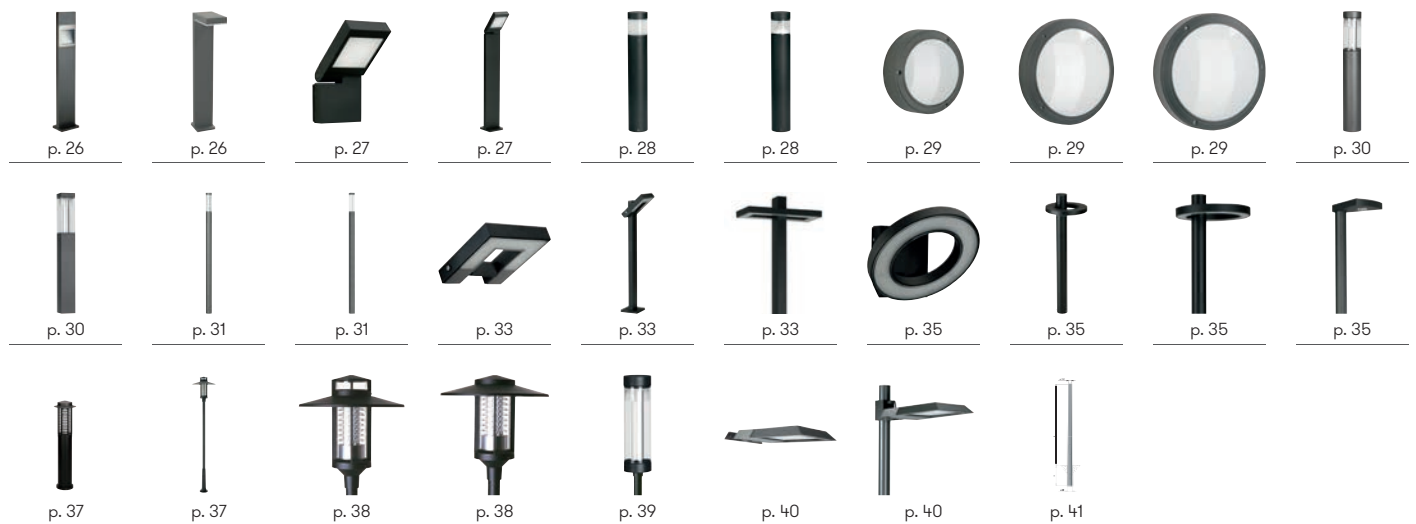


..0808

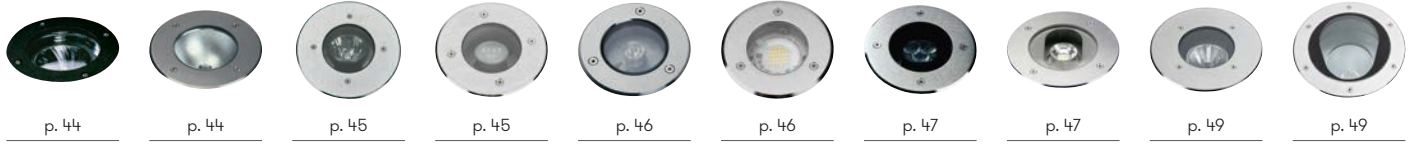
Energy and socket columns



Project lights



In-ground floodlights



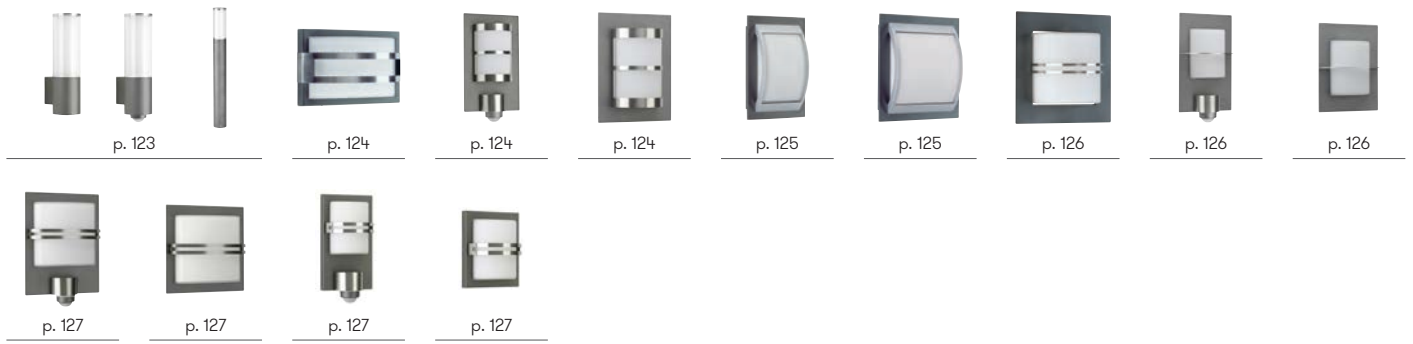
Globe lights



Cast aluminium lights



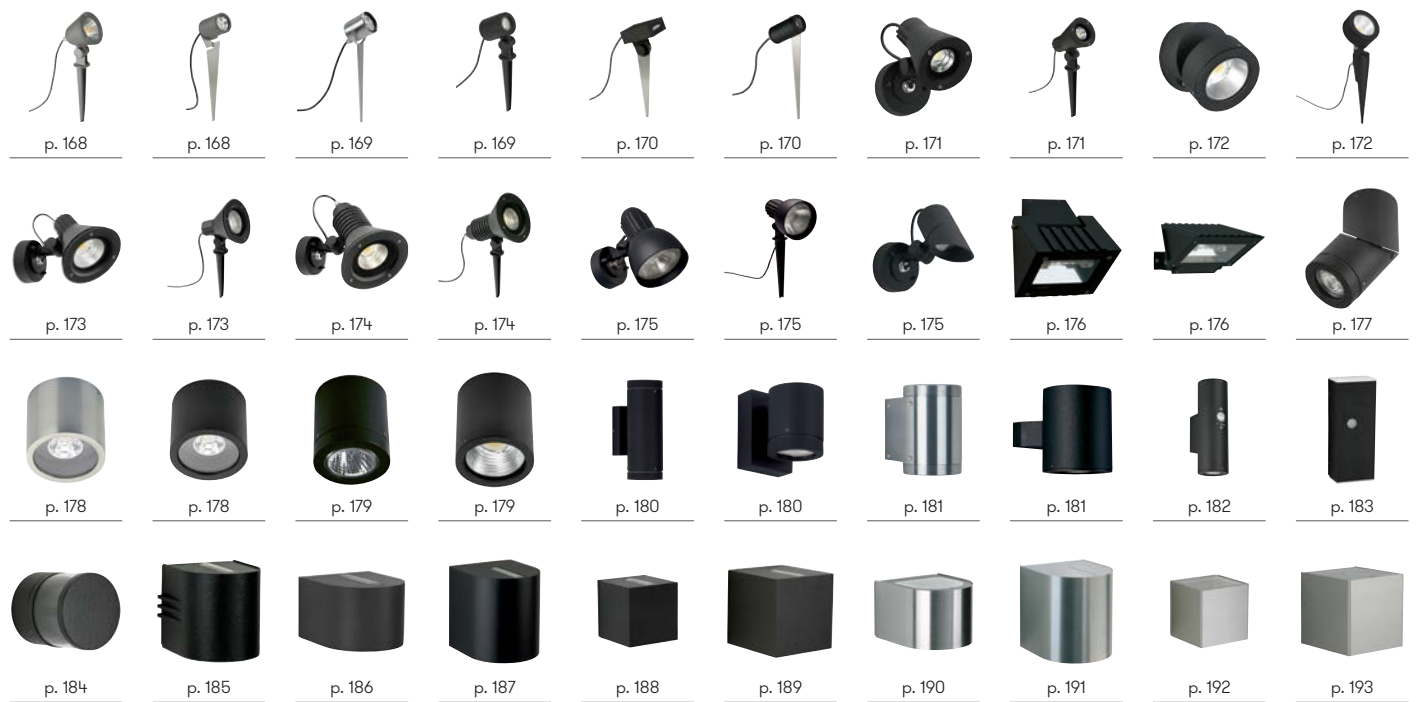
Bicolour lights



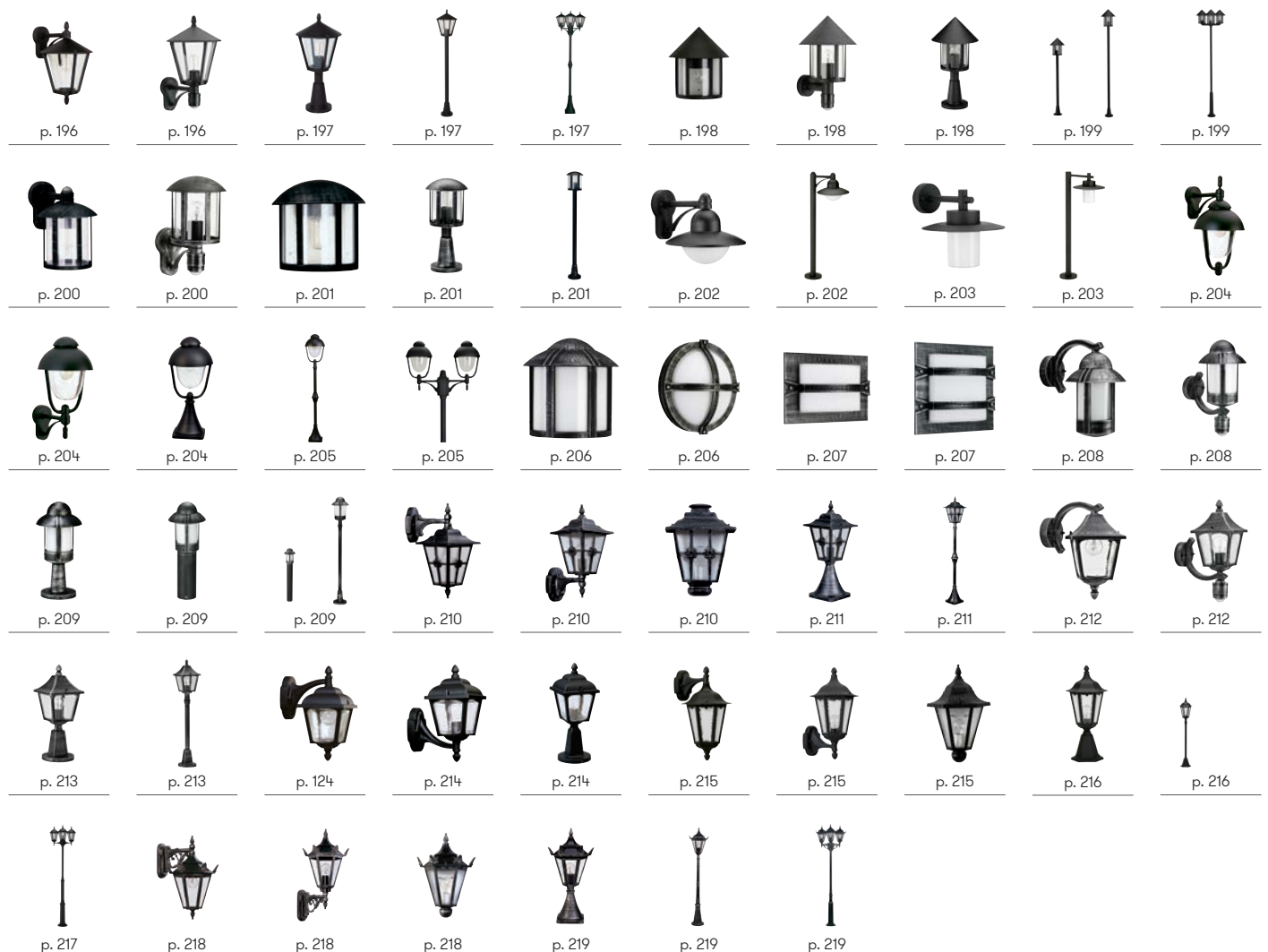
Stainless steel lights



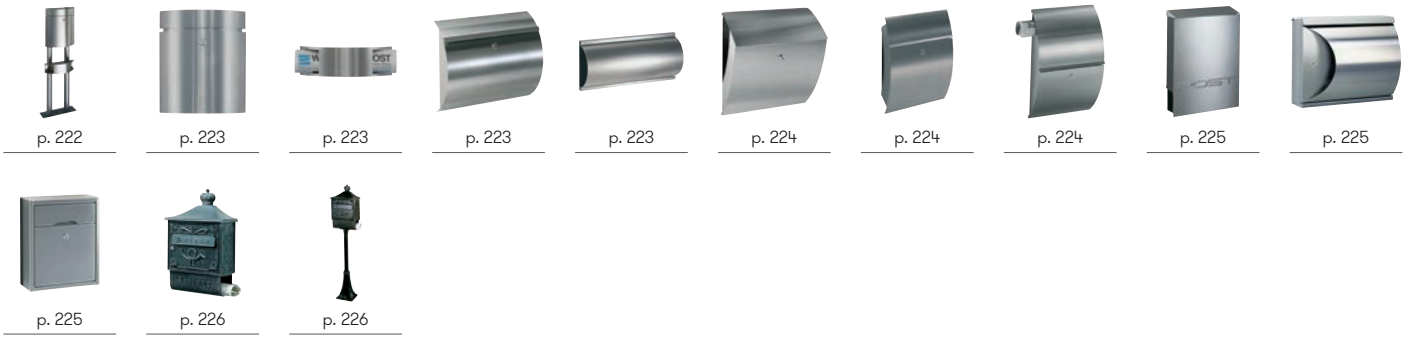
Floodlights



Country style lights



Letterboxes



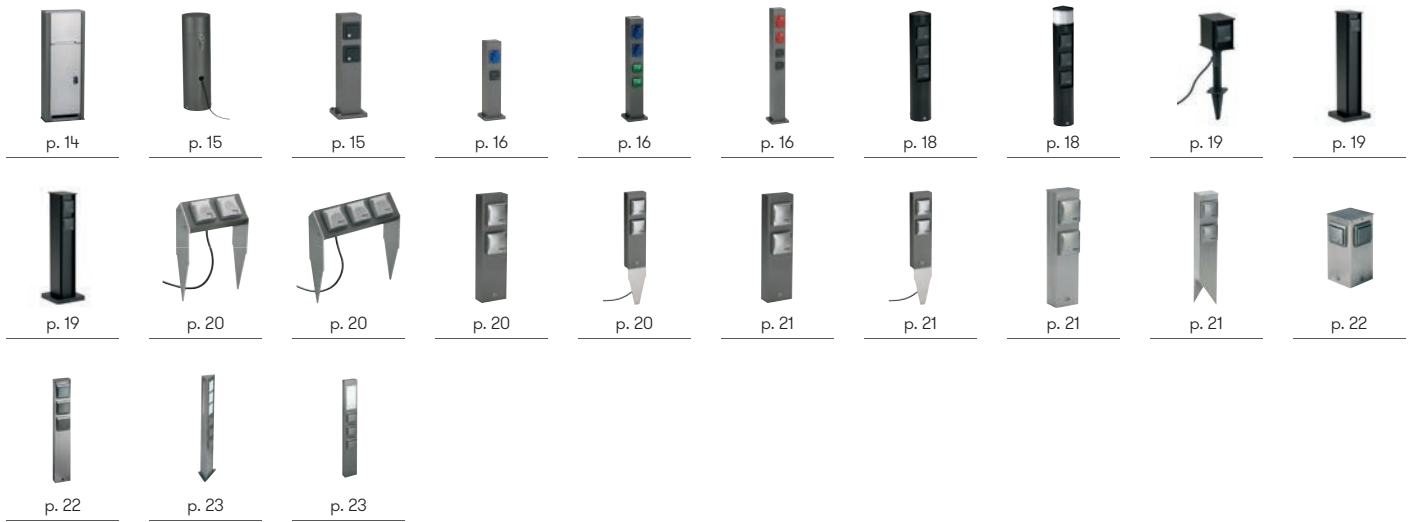
Bell plates and house numbers



Accessory







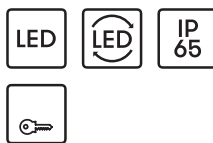
Energy and socket columns



product example

Energy column

configurable

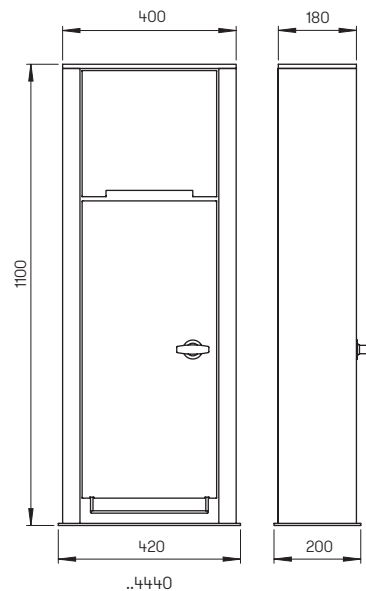


for individual configuration
 stainless steel,
 aluminium colour-coated anthracite
 wired ready for connection
 with junction box IP 65
 optional with LED orientation light
 (height + 10 mm)
 upper area with safety elements,
 lower area with sockets outlet
 lockable door with handle, cable outlet
 when closed door possible
 direct mounting on foundation

For outdoor local installation in private
 and public areas.

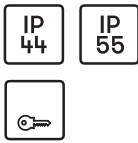
Design example energy column equipped
 with:

- 1 x junction box, protection class
 IP 65 with
 1 x circuit breaker, 63 A, 3-pole
 4 x fault current circuit breaker,
 16 A · 30 mA
- 4 x CEE-sockets 3-pole
 16 A · 250 V AC, protection class IP 67
- 1 x mains connection box for
 2 x 5x6 mm²
- 1 x LED orientation light with 2W, 3000K
 2W, 3000K

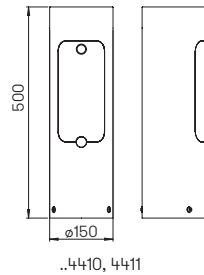


Art.-No.	Inserts	Description	Material / Colour
Energy column empty			
624440	on request	Energy column	StSt, anthracite

Energy column
lockable



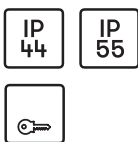
Aluminium with lockable door with two keys, the key can be removed in both positions wired ready for connection with junction box IP 55 direct mounting on a foundation or on the sunk pedestal. For outdoor local installation in private and public areas.



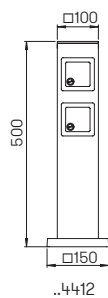
Art.-No.	Inserts	Colour
624410	2 x shockproof socket IP 44 D - type F	anthracite
624411	1 x CEE built-in socket IP 54 16 A - blue, slope, 3 pin - 16 A, 230 Volt	anthracite
690010	appropriate sunk pedestal	



Energy column
lockable



equipped with 2 lockable shockproof sockets, aluminium, wired ready for connection with junction box IP 54 connected in parallel, each socket with two keys, the key can be removed in both positions direct mounting on foundation or on the sunk pedestal. For outdoor local installation in private and public areas.



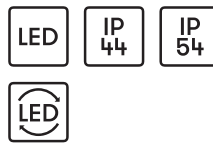
Art.-No.	Inserts	Colour
624412	2 x shockproof socket IP 44 D - type F	anthracite
690011	appropriate sunk pedestal	



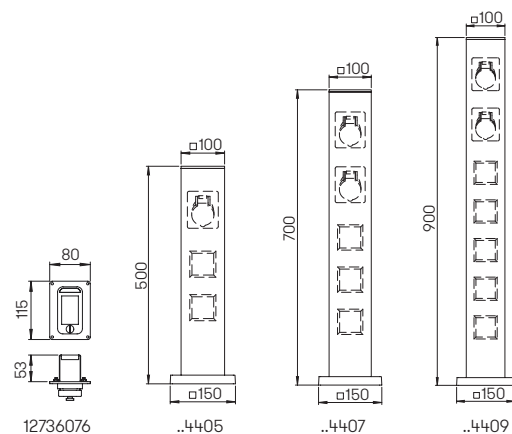
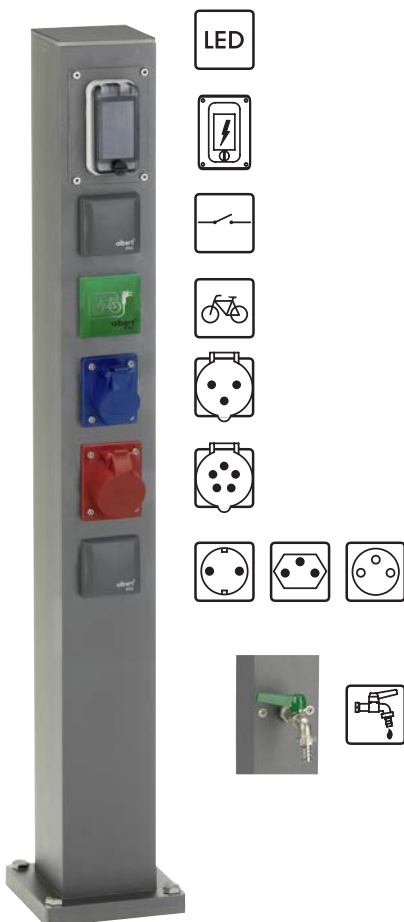


Energy column

configurable



for individual configuration in 3 dimensions
aluminium profile
wired ready for connection
with junction box IP 54
optional with orientation light (height +5mm)
one-sided arrangement of the electronic
inserts, connected in parallel, socket inserts
with increased contact protection
possibly housing module with top-hat rail for
the installation of 2 elements
width = 17.5 mm such as
e.g. B. circuit breakers or IoT components,
wiring must be made on site
possible water connection opposite
connection through 1/2 inch stainless steel flex
hose, direct mounting on foundation or on the
sunk pedestal. For outdoor local installation
in private and public areas.



Art.-No.	Inserts	Description	Colour
Energy column empty			
624405	up to 3 inserts	Energy column	anthracite
664405	up to 3 inserts	Energy column	black
690011	appropriate sunk pedestal		
624407	up to 5 inserts	Energy column	anthracite
664407	up to 5 inserts	Energy column	black
690011	appropriate sunk pedestal		
624409	up to 7 inserts	Energy column	anthracite
664409	up to 7 inserts	Energy column	black
690011	appropriate sunk pedestal		

Inserts

Orientation light

90754407 LED Light, 2 W, 3000 K, IP 65

Inserts - incl. installation and wiring

12736063		Switch
12736060		shockproof socket IP 44 D - type F
12736068		shockproof socket IP 44 CH - type J
12736070		shockproof socket IP 44 F/B - type E
12736071		shockproof socket IP 44 E-Bike green,
12736072		CEE built-in socket IP 54 16 A - blue, slope, 3 pin - 16 A, 230 Volt
12736073		CEE built-in socket IP 54 16 A - red, slope, 5 pin - 16 A, 400 Volt

Inserts - incl. installation without wiring

12736076 Housing with window IP 65, Installation of 2 elements possible

Water connection

12970050 water connection with stainless steel tap 1/2 inch

Available on request more sockets and switch combinations e.g. CEE-socket, 400V, 32A, 5-pin.

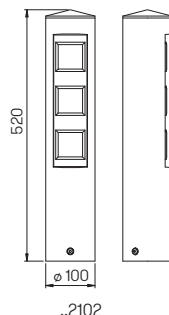


Images and drawings are examples





Socket columns



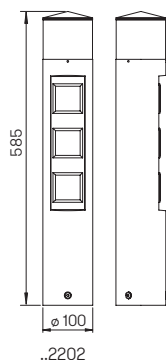
with 3 shockproof sockets
with increased contact protection
with connecting terminals 4 × 4 •
cast aluminium ready for connection with mounting plate

Available on request with more sockets and switch combinations e.g. shockproof socket CH - type J or shockproof socket F/B - type E.



Art.-No.	Inserts	Colour
Socket columns		
622102	3-units	anthracite
652102	3-units	brown-brass
662102	3-units	black
682102	3-units	white
692102	3-units	silver
690010	appropriate sunk pedestal	

Light Columns



with 3 shockproof sockets
with increased contact protection
with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
with connecting terminals 4 × 4 □
cast aluminium ready for connection with mounting plate, white acrylic glass

Available on request with more sockets and switch combinations e.g. shockproof socket CH - type J or shockproof socket F/B - type E.

Recommended distance:
Bollard 5 m

Find the matching bollard on page 90.



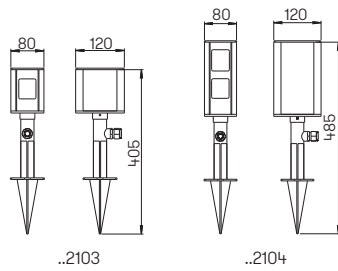
Art.-No.	Inserts	Luminous flux	Colour
Light columns			
622202	1 x LED 10 W	900 lm	anthracite
652202	1 x LED 10 W	900 lm	brown-brass
662202	1 x LED 10 W	900 lm	black
682202	1 x LED 10 W	900 lm	white
692202	1 x LED 10 W	900 lm	silver
690010	appropriate sunk pedestal		

Socket columns with spike



with 2 resp. 4 shockproof sockets
with increased contact protection
cast aluminium and aluminium profile
with 2.5 m cable and plug

Available on request with more sockets
and switch combinations e.g.
shockproof socket CH - type J or
shockproof socket F/B - type E.



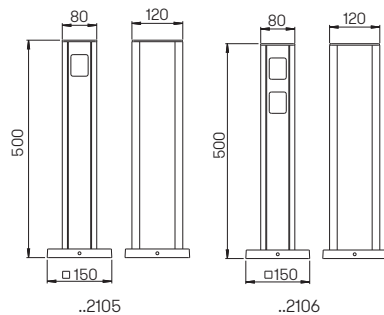
Art.-No.	Inserts	Colour
Socket columns with spike		
662103	2-units	black
662104	4-units	black

Socket columns



with 2 resp. 4 shockproof sockets
with increased contact protection
cast aluminium and aluminium profile
with connecting terminals 4 x 4 □
ready for connection with mounting plate

Available on request with more sockets
and switch combinations e.g.
shockproof socket CH - type J or
shockproof socket F/B - type E.



Art.-No.	Inserts	Colour
Socket columns		
662105	2-units	black
690010	appropriate sunk pedestal	
662106	4-units	black
690010	appropriate sunk pedestal	



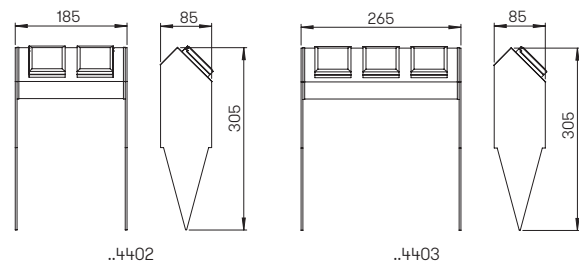


Socket columns with spike



with 2 resp. 3 shockproof sockets with increased contact protection stainless steel resp. cast aluminium stainless steel spike with 2.5 m cable and plug

Available on request with more sockets and switch combinations e.g. shockproof socket CH - type J or shockproof socket F/B - type E.



Art.-No.	Inserts	Colour
Socket columns with spike		
624402	2-units	anthracite / silver
624403	3-units	anthracite / silver



Socket column with spike

Smart

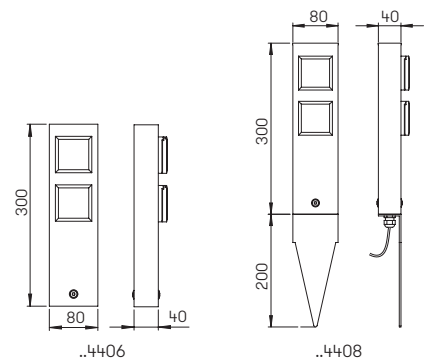


with 2 controllable protective contact sockets 16 A / 250 V with increased contact protection stainless steel resp. cast aluminium with connecting terminals 3 × 2.5 ² ready for connection with mounting plate resp. spike with 2.5 m cable and plug item number-CH, socket CH - type J item number-F, socket F/B - type E

CASAMBI

The sockets can be switched on / off separated from each other via a Casambi-Control.

Available on request with Zigbee control.



Art.-No.	Inserts	Colour
Socket column		
624406	2-units	anthracite / silver
Socket column with spike		
624408	2-units	anthracite / silver

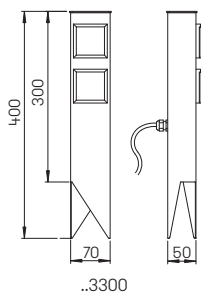
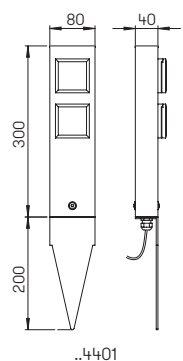
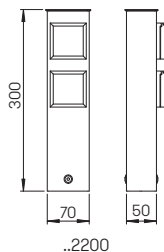
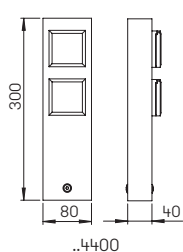




Socket columns
Socket columns
with spike

IP
44

with 2 shockproof sockets
with increased contact protection
stainless steel resp. cast aluminium
with connecting terminals 3 × 2.5 ² ready
for connection with mounting plate
resp. spike with 2.5 m cable and plug
..4400-CH, socket CH - type J
..4400-F, socket F/B - type E



Art.-No.	Inserts	Material / Colour
Socket columns		
624400	2-units	anthracite / silver
624400-CH	2-units	anthracite / silver
624400-F	2-units	anthracite / silver
692200	2-units	StSt / silver
Socket columns with spike		
624401	2-units	anthracite / silver
693300	2-units	StSt / silver

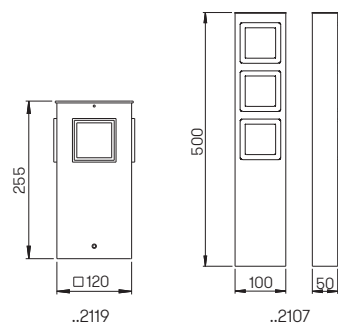


Socket columns



with 3 resp. 4 shockproof sockets
 stainless steel, with connecting terminals
 3 × 2.5², ready for connection with
 mounting plate made out of aluminium

**Available on request with more sockets
 and switch combinations.**



Art.-No.	Inserts	Material
Socket columns		
692107	3-units	StSt
692119	4-units	StSt
690010	appropriate sunk pedestal	

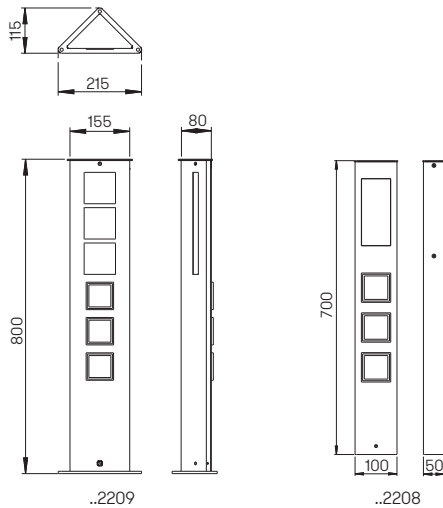
Light Columns

Light output
one resp. three sided



with removable LED components
with 2 shockproof sockets and
1 switch for LED-Retrofit
stainless steel, with mounting plate
at ..2208 made out of cast aluminium
..2208 opalglas, one-sided light output
..2209 white acrylic glass, three-sided
light output

Available on request with more sockets
and switch combinations.

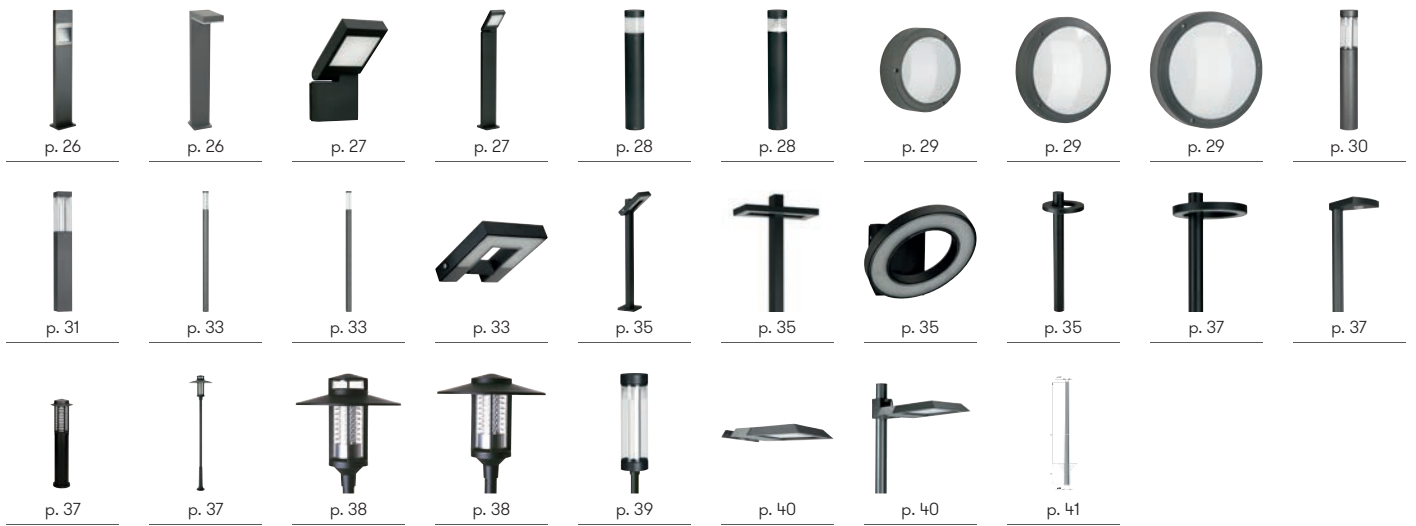


Art.-No.	Inserts	Lamp dimensions	Base	Material
Light columns three-side light output				
692209	1 × lamp	max. ø 45 × 175 mm	E27	StSt
90750309	appropriate lamp		E27	

Art.-No.	Inserts	Luminous flux	Material
Light column light output one-side			
692208	1 × LED 8W	880 lm	StSt





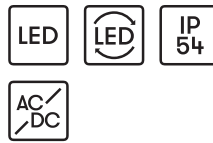


Project lights

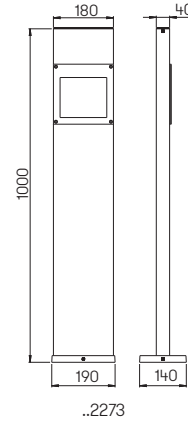
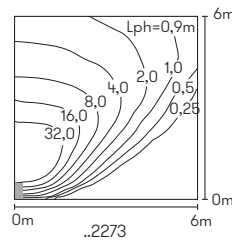




Bollard light

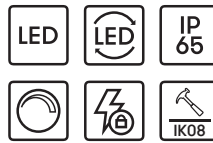


with removable LED components
lightcolour warmwhite, 3000 K
with integrated converter AC/DC
aluminium and stainless steel
with mounting plate, reflector made of
anodised pure aluminium
patterned safety glass

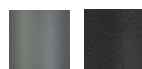
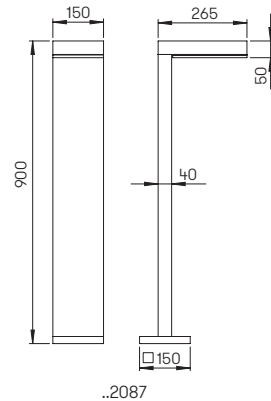
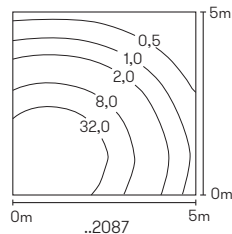


Art.-No.	Lamp	Luminous flux	Material / Colour
Bollard light			
622273	1 x LED 13,4 W	1200 lm	StSt / anthracite
690011	appropriate sunk pedestal		

Bollard lights



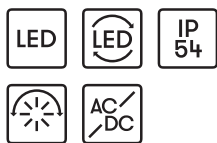
with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, acrylic glass satiné



Art.-No.	Lamp	Luminous flux	Colour
Bollard lights			
622087	1 x LED 16 W	1600 lm	anthracite
662087	1 x LED 16 W	1600 lm	black
690010	appropriate sunk pedestal		

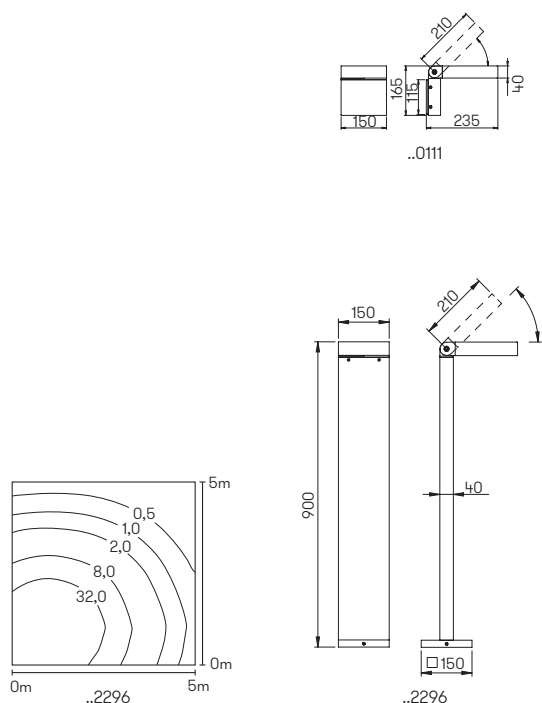


Wall- and
Bollard lights



with removable LED components
lightcolour warmwhite, 3000 K
with integrated converter AC/DC
cast aluminium and aluminium profile
with mounting plate, head 90° slewable

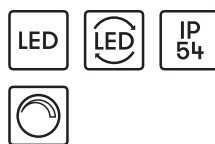
Recommended distance:
Bollard light 6 m



Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620111	1x LED 14 W	1400 lm	anthracite
660111	1x LED 14 W	1400 lm	black
680111	1x LED 14 W	1400 lm	white
690111	1x LED 14 W	1400 lm	silver
Bollard lights			
622296	1x LED 14 W	1400 lm	anthracite
662296	1x LED 14 W	1400 lm	black
682296	1x LED 14 W	1400 lm	white
692296	1x LED 14 W	1400 lm	silver
690010	appropriate sunk pedestal		

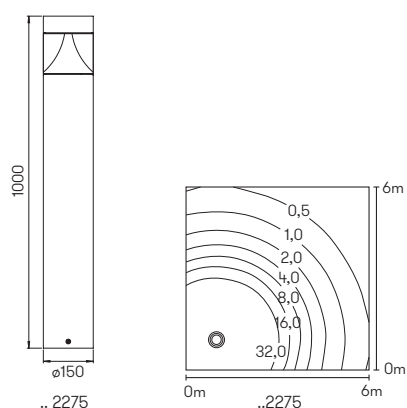
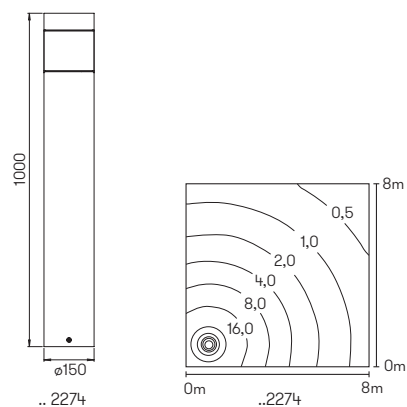


Bollard lights



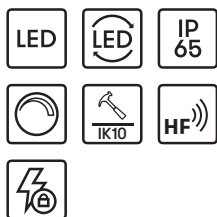
with removable LED components
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
shock-resistant acrylic glass clear resp.
white

Recommended distance: 8 m



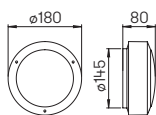
Art.-No.	Lamp	Luminous flux	Colour
Bollard lights			
622274	1 × LED 22 W	2200 lm	anthracite
662274	1 × LED 22 W	2200 lm	black
690010	appropriate sunk pedestal		
Bollard lights			
622275	1 × LED 22 W	2200 lm	anthracite
662275	1 × LED 22 W	2200 lm	black
690010	appropriate sunk pedestal		

Wall and Ceiling lights

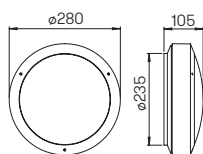


with removable LED components
lightcolour warmwhite, 3000 K,
dimmable, and integrated
overvoltage protection (only ..6337),
cast aluminium, with mounting plate,
acrylic glass opal impact resistant
..6438, ..6439 add. with HF presence
detector

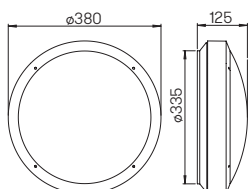
Available on request in further technical
versions, e.g. DALI controlled,
lightcolour white (4000 K) or for
emergency lighting operation with
central battery in accordance with
DIN EN 60598-2-22.



..6337



..6338, ..6438



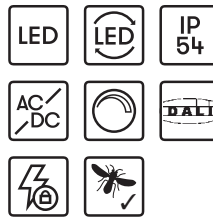
..6339, ..6439



Art.-No.	Lamp	Luminous flux	Colour
Wall and ceiling lights			
626337	1 × LED 10 W	900 lm	anthracite
626338	1 × LED 13 W	1500 lm	anthracite
626339	1 × LED 21 W	2500 lm	anthracite
Wall and ceiling lights with HF presence detector			
626438	1 × LED 14 W	1500 lm	anthracite
626439	1 × LED 22 W	2500 lm	anthracite



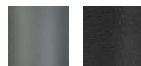
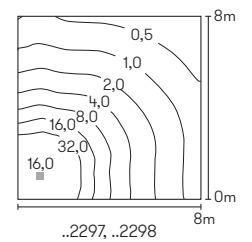
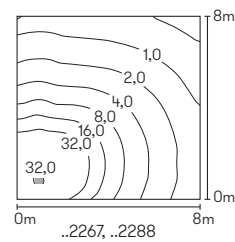
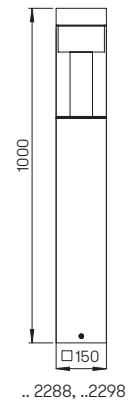
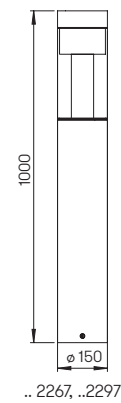
Bollard lights



with removable LED components and integrated overvoltage protection
 lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 cast aluminium and aluminium
 with mounting plate
 dimmable through DALI control
 shock-resistant acrylic glass clear

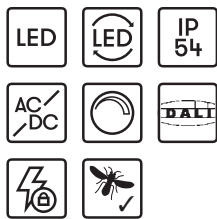
Recommended distance: 10 m

Available on request in further technical versions, e.g. with insect friendly Amber LED, dimmable 0-10 V or lightcolour white (4000 K).



Art.-No.	Lamp	Luminous flux	Colour
Bollard lights 180° asymmetrical			
622267	1 × LED 18,5 W	2000 lm	anthracite
662267	1 × LED 18,5 W	2000 lm	black
622288	1 × LED 18,5 W	2000 lm	anthracite
662288	1 × LED 18,5 W	2000 lm	black
690010	appropriate sunk pedestal		
Bollard lights 360° symmetrical			
622297	1 × LED 18,5 W	2000 lm	anthracite
662297	1 × LED 18,5 W	2000 lm	black
622298	1 × LED 18,5 W	2000 lm	anthracite
662298	1 × LED 18,5 W	2000 lm	black
690010	appropriate sunk pedestal		

Lighting column

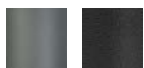
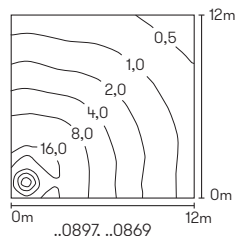
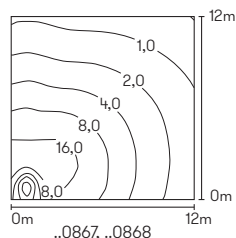
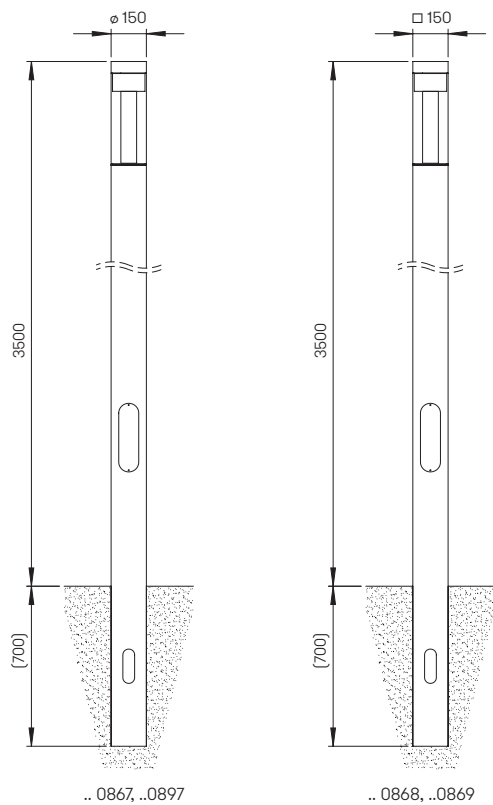


with removable LED components and integrated overvoltage protection
 lightcolour warmwhite, 3000 K with integrated converter AC/DC
 cast aluminium and aluminium dimmable through DALI control
 stele with pole and door for setting in concrete
 shock-resistant acrylic glass clear

Recommended distance: 18 m

Available on request in further technical versions, e.g. with insect friendly Amber LED, dimmable 0-10 V or lightcolour white (4000 K).

Available on request with mounting plate.



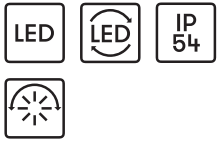
Art.-No.	Lamp	Luminous flux	Colour
Lighting column 180° asymmetrical			
620867	1 × LED 26,7 W	3000 lm	anthracite
660867	1 × LED 26,7 W	3000 lm	black
620868	1 × LED 26,7 W	3000 lm	anthracite
660868	1 × LED 26,7 W	3000 lm	black
690036	appropriate junction box		
Lighting column 360° symmetrical			
620897	1 × LED 26,7 W	3000 lm	anthracite
660897	1 × LED 26,7 W	3000 lm	black
620869	1 × LED 26,7 W	3000 lm	anthracite
660869	1 × LED 26,7 W	3000 lm	black
690036	appropriate junction box		





Klawonn, Hagen

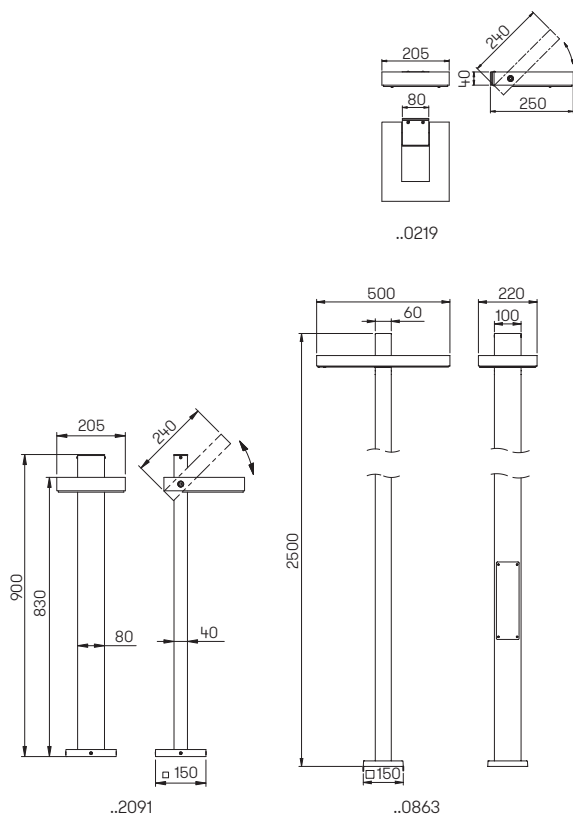
Wall lights
Bollard lights
Pole lights



with removable LED components
lightcolour warmwhite, 3000 K
cast aluminium and aluminium
with mounting plate
wall and bollard light 90° slewable
pole light with pole, pole with door and
junction box 2.5" incl. fuse insert,
glaze glass

Recommended distance:
Bollard light 5 m
Pole light 15 m

Available on request with lightcolour
white, 4000 K.

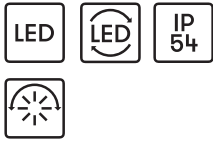


Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620219	1 × LED 16 W	1600 lm	anthracite
660219	1 × LED 16 W	1600 lm	black
680219	1 × LED 16 W	1600 lm	white
690219	1 × LED 16 W	1600 lm	silver
Bollard lights			
622091	1 × LED 16 W	1600 lm	anthracite
662091	1 × LED 16 W	1600 lm	black
682091	1 × LED 16 W	1600 lm	white
692091	1 × LED 16 W	1600 lm	silver
690010	appropriate sunk pedestal		
Pole lights			
620863	1 × LED 35 W	3050 lm	anthracite
660863	1 × LED 35 W	3050 lm	black
680863	1 × LED 35 W	3050 lm	white
690863	1 × LED 35 W	3050 lm	silver
690011	appropriate sunk pedestal		





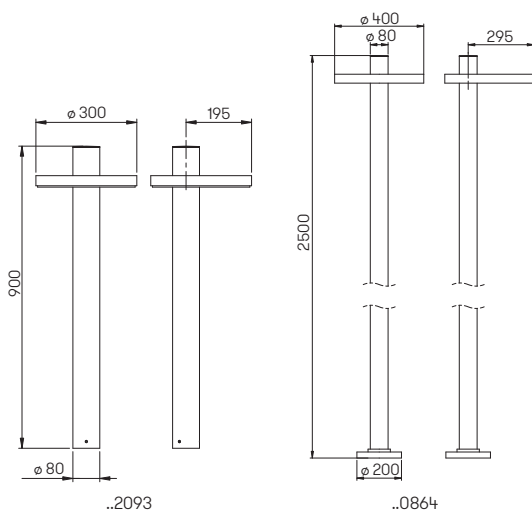
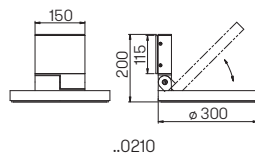
Wall lights
Bollard lights
Pole lights



with removable LED components
lightcolour warmwhite, 3000 K
cast aluminium and aluminium
with mounting plate
wall lights 90° slewable
pole light with pole with electrical
connection 3 × 2.5 ² in the pole top
glaze glass

Recommended distance:
Bollard light 5 m
Pole light 15 m

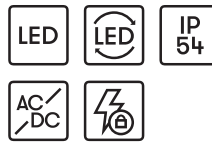
Available on request with lightcolour
white, 4000 K.



Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620210	1 × LED 16 W	1600 lm	anthracite
660210	1 × LED 16 W	1600 lm	black
680210	1 × LED 16 W	1600 lm	white
690210	1 × LED 16 W	1600 lm	silver
Bollard lights			
622093	1 × LED 16 W	1600 lm	anthracite
662093	1 × LED 16 W	1600 lm	black
682093	1 × LED 16 W	1600 lm	white
692093	1 × LED 16 W	1600 lm	silver
690010	appropriate sunk pedestal		
Pole lights			
620864	1 × LED 30 W	2600 lm	anthracite
660864	1 × LED 30 W	2600 lm	black
680864	1 × LED 30 W	2600 lm	white
690864	1 × LED 30 W	2600 lm	silver
690011	appropriate sunk pedestal		

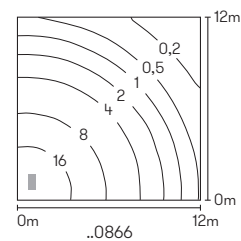
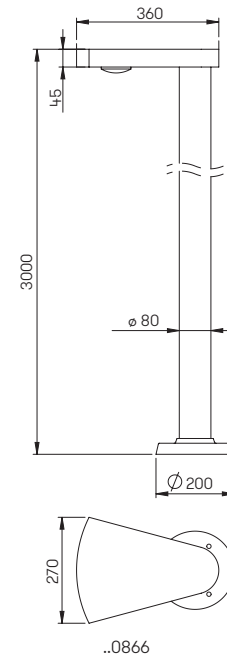
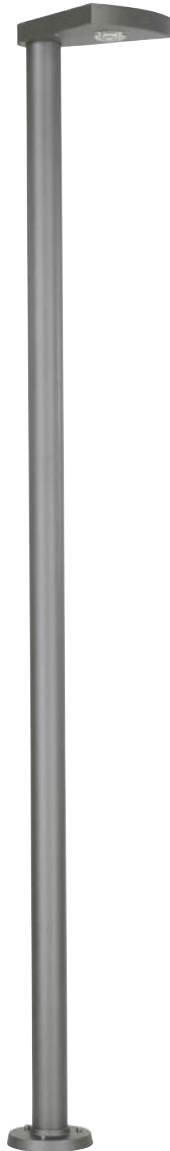


Pole lights



with removable LED components and integrated overvoltage protection
 lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 cast aluminium, with pole and main supply connection $3 \times 2.5 \text{ m}^2$ in the pole top

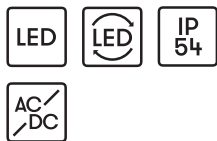
Recommended distance: 16 m



Art.-No.	Lamp	Luminous flux	Colour
Pole lights			
620866	1 x LED 24 W	3000 lm	anthracite
660866	1 x LED 24 W	3000 lm	black
690011	appropriate sunk pedestal		



Bollard and Pole light



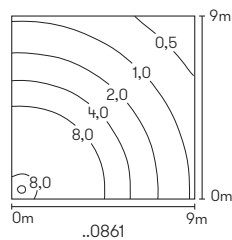
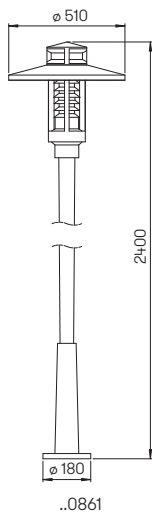
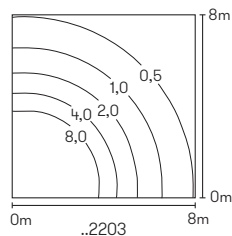
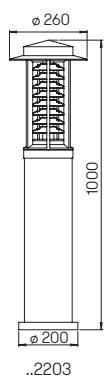
with removable LED components
 lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 cast aluminium, white reflector,
 shock-resistant acrylic glass clear,
 with mounting plate [..2203],
 pole light with pole

Recommended distance:

Bollard light 7 m

Pole light 12 m

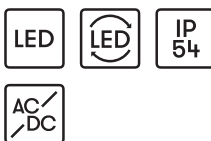
Pole light available for mounting on a wall with an accessory on request.



Art.-No.	Lamp	Luminous flux	Colour
Bollard light			
662203	1 x LED 25 W	2100 lm	black
690010	appropriate sunk pedestal		
Pole light			
660861	1 x LED 25 W	2100 lm	black
690011	appropriate sunk pedestal		

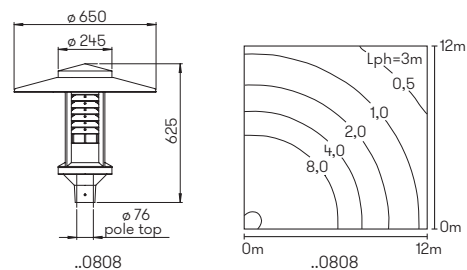
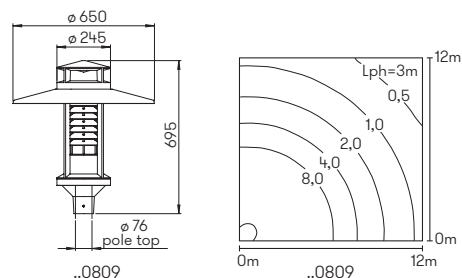


**Pole top
luminaires**



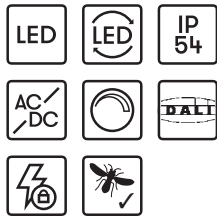
with removable LED components
lightcolour warmwhite, 3000 K,
with integrated converter AC/DC
for pole top $\phi = 76$ mm resp. mounting
with pole accessories ..1009, ..1010 resp.
wall accessory ..1008, cast aluminium,
shock-resistant acrylic glass clear

Recommended distance:
4 × pole height



Art.-No.	Lamp	Luminous flux	Colour
Slant roof with upper light output			
660809	1 x LED 52 W	4150 lm	black
Slant roof with flat apex			
660808	1 x LED 52 W	4150 lm	black

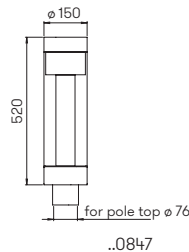
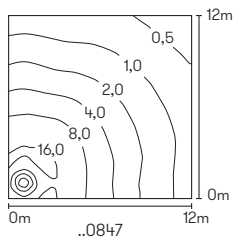
Pole top luminaires



with removable LED components and integrated overvoltage protection
 lightcolour warmwhite, 3000 K
 dimmable through DALI control with integrated converter AC/DC
 for pole top $\phi = 76$ mm resp. wall and pole assembly accessories
 ..1008 resp. ..1009 and ..1010
 cast aluminium
 shock-resistant acrylic glass clear

Recommended distance:
 $4 \times$ pole height

Available on request in further technical versions, e.g. with insect friendly Amber LED, asymmetrical light distribution, dimmable 0-10 V or lightcolour white (4000 K)..

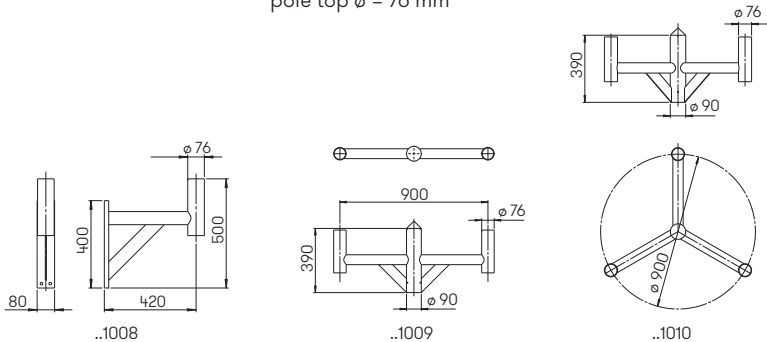


Art.-No.	Lamp	Luminous flux	Colour
Pole top lights			
620847	1 x LED 26,7 W	3000 lm	anthracite
660847	1 x LED 26,7 W	3000 lm	black



Wall and pole assembly accessories

for pole top lights with pole top opening $\phi = 76$ mm
 made out of steel galvanized and painted for mounting on a wall or for a pole top $\phi = 76$ mm

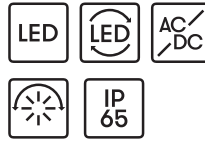


Art.-No.	Mounting	Colour
Wall accessory		
661008	wall	black
Pole accessories		
661009	2-units	black
661010	3-units	black





Vario III Wall and Pole top luminaires

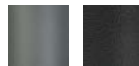
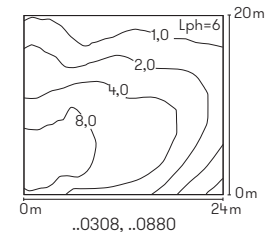
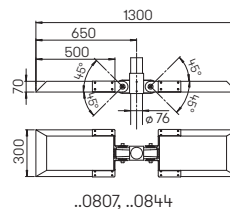
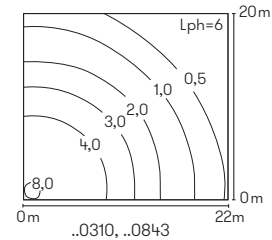
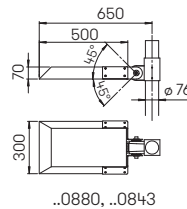
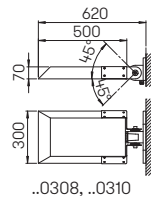


with removable LED components
lightcolour warmwhite, 3000 K
with integrated converter AC/DC
pole top lamp for pole top \varnothing 76 mm or
mounting on a wall slewable 0° up to 45°
in 15°-steps, main supply via plug
connection, cast aluminium and stainless
steel, clear safety glass

**For illumination of streets, pavements
and squares in accordance
with EN 13201**

**Recommended distance:
4,5 × pole height**

**On request with up to 116 W with
12500 lm or for mounting on a corner
deliverable.**



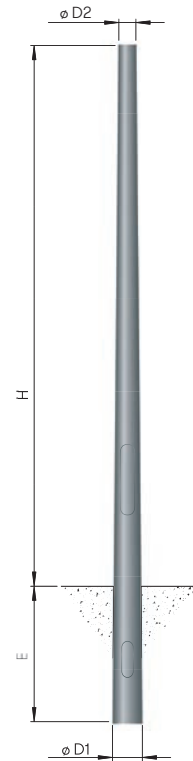
Art.-No.	Lamp	Luminous flux	Colour
Floodlights Wall light			
620310	1 × LED 56,6 W	3800 lm	anthracite
660310	1 × LED 56,6 W	3800 lm	black
Floodlights Pole top lights 1-unit			
620843	1 × LED 56,6 W	3800 lm	anthracite
660843	1 × LED 56,6 W	3800 lm	black
Floodlights Pole top lights 2-units			
620844	2 × LED 56,6 W	each 3800 lm	anthracite
660844	2 × LED 56,6 W	each 3800 lm	black

Art.-No.	Lamp	Luminous flux	Colour
Street light distribution Wall light			
620308	1 × LED 56,6 W	3800 lm	anthracite
660308	1 × LED 56,6 W	3800 lm	black
Street light distribution Pole top lights 1-unit			
620880	1 × LED 56,6 W	3800 lm	anthracite
660880	1 × LED 56,6 W	3800 lm	black
Street light distribution Pole top lights 2-units			
620807	2 × LED 56,6 W	each 3800 lm	anthracite
660807	2 × LED 56,6 W	each 3800 lm	black



Poles

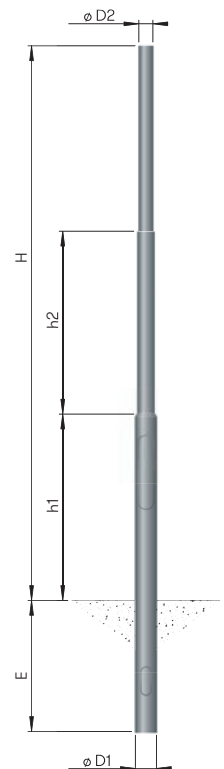
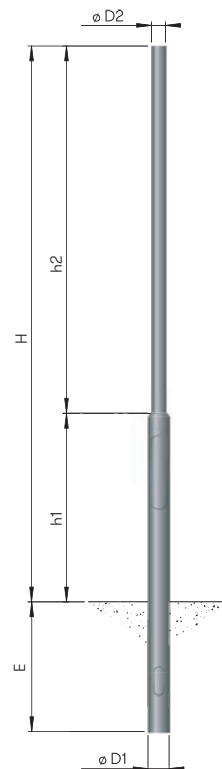
made out of steel
 height from 3000 up to 8000 mm
 pole top $\phi = 76$ mm
 galvanized, painted resp. unpainted
 tapered resp. stepped cylindrically
 with ground unit



Art.-No.	H	D1	D2	E	h1	h2
tapered, with ground unit						
galvanized						
690018	3000	124	76	700		
690019	3500	124	76	700		
690040	4000	124	76	800		
690041	4500	130	76	800		
690042	5000	134	76	800		
690043	6000	151	76	1000		
galvanized and painted						
690020	3000	124	76	700		
690021	3500	124	76	700		
690046	4000	124	76	800		
690047	4500	130	76	800		
690048	5000	134	76	800		
690049	6000	151	76	1000		
stepped cylindrically, with ground unit						
galvanized						
690022	3000	114	76	700	1000	2000
690023	3500	114	76	700	1000	2500
690060	4000	114	76	800	1500	2500
690061	4500	114	76	800	1500	3000
690062	5000	114	76	800	1500	3500
690063	6000	114	76	1000	1500	1500
690064	7000	114	76	1000	1500	2500
690065	8000	114	76	1000	2000	3000
galvanized and painted						
690024	3000	114	76	700	1000	2000
690025	3500	114	76	700	1000	2500
690066	4000	114	76	800	1500	2500
690067	4500	114	76	800	1500	3000
690068	5000	114	76	800	1500	3500
690069	6000	114	76	1000	1500	1500
690070	7000	114	76	1000	1500	2500
690071	8000	114	76	1000	2000	3000
Junction box for all poles						
690036	with fuse link Neozed					

pole height 3 m up to 5 m

pole height 6 m up to 8 m







In-ground floodlights





In-ground floodlight

symmetrical

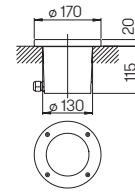


for pressed glass reflector lamp PAR 30
 cast aluminium, borosilicate glass clear
 insert hole: \varnothing 130 mm x 115 mm
 surface temperature max. 160 °C
 loading max. 120 kg



Distance [m]	\varnothing Cone [m]	Illumination [lx]
6,0	2,4	65
4,0	1,6	150
2,0	0,8	610

..2128 Half beam angle 25°



..2128

Art.-No.	Lamp	Lamp dimensions	Base	Colour
In-ground floodlight				
662128	1 x lamp PAR 30	max. \varnothing 105 x 90 mm	E27	black
90750106	appropriate lamp		E27	

In-ground floodlight

symmetrical

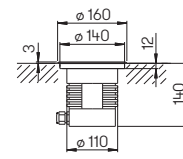


for lamps QT 14
 housing made out of cast aluminium
 cover made out of stainless steel
 reflektor made out of anodised pure aluminium
 clear safety glass
 insert hole: \varnothing 110 mm x 140 mm
 surface temperature max. 148 °C
 loading max. 1200 kg



Distance [m]	\varnothing Cone [m]	Illumination [lx]
3,0	2,5	20
2,0	1,6	60
1,0	0,8	200

..2172 Half beam angle 50°



..2172

Art.-No.	Lamp	Lamp dimensions	Base	Material
In-ground floodlight				
692172	1 x lamp QT 14	max. \varnothing 15 x 50 mm	G9	StSt
90750103	appropriate lamp		G9	



In-ground floodlight

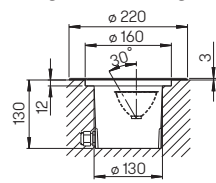
up to 30° slewable



for lamps QT 14
 symmetrical and asymmetrical
 lightdistribution possible
 housing cast aluminium
 cover made out of stainless steel
 reflektor made out of anodised pure
 aluminium
 clear safety glass
 insert hole: \varnothing 130 mm x 130 mm
 surface temperature max. 120 °C
 loading max. 1000 kg

Distance [m]	\varnothing Cone [m]	Illumination [lx]
3,0	1,8	75
2,0	1,2	170
1,0	0,6	670

..2149 Half beam angle 30°



..2149



Art.-No.	Lamp	Lamp dimensions	Base	Material
In-ground floodlight				
692149	1 x lamp QT 14	max. \varnothing 18 x 60 mm	G9	StSt
90750103	appropriate lamp		G9	

In-ground floodlight

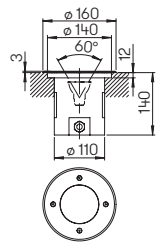
\pm 30° slewable



for pressed glass reflector lamp PAR 16
 symmetrical and asymmetrical
 lightdistribution possible
 housing cast aluminium
 cover made out of stainless steel
 clear safety glass
 insert hole: \varnothing 130 mm x 130 mm
 surface temperature max. 95 °C
 loading max. 1000 kg

Distance [m]	\varnothing Cone [m]	Illumination [lx]
3,0	1,8	95
2,0	1,2	215
1,0	0,6	859

..2189 Half beam angle 30°



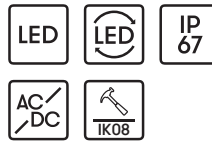
..2189



Art.-No.	Lamp	Lamp dimensions	Base	Material
In-ground floodlight				
692189	1 x lamp PAR 16	max. \varnothing 50 x 58 mm	GU10	StSt
90750104	appropriate lamp		GU10	
90750105	appropriate lamp		GU10	



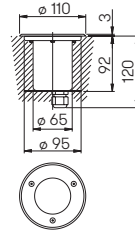
In-ground floodlight
symmetrical



with removable LED components
lightcolour warmwhite, 3000 K
with integrated converter AC/DC
stainless steel, with mounting plate
clear safety glass
insert hole: \varnothing 95 mm x 120 mm
surface temperature max. 35 °C
loading max. 2000 kg

Distance [m]	\varnothing Cone [m]	Illumination [lx]
3,0	0,5	50
2,0	0,3	100
1,0	0,2	375

..2159 Half beam angle 10°

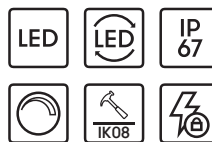


..2159

Art.-No.	lamp	Luminous flux	Material
In-ground floodlight			
692159	1 x LED 1 W	80 lm	StSt



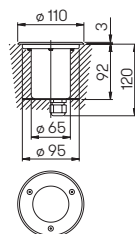
In-ground floodlight
symmetrical



with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
housing and cover made out of stainless steel, with mounting plate
clear safety glass
insert hole: \varnothing 95 mm x 120 mm
surface temperature max. 35 °C
loading max. 2000 kg

Distance [m]	\varnothing Cone [m]	Illumination [lx]
6,0	3,5	12
4,0	2,3	25
2,0	1,2	100

..2316 Half beam angle 30°



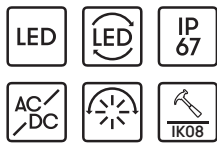
..2316

Art.-No.	lamp	Luminous flux	Material
In-ground floodlight			
692316	1 x LED 5 W	480 lm	StSt



In-ground floodlight

± 30° slewable



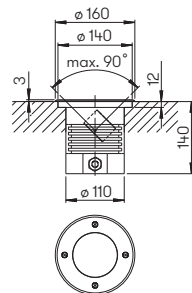
with removable LED components
 692175: lightcolour white, 4000 K
 692188: lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 symmetrical and asymmetrical
 lightdistribution possible
 housing cast aluminium
 cover made out of stainless steel
 clear safety glass
 insert hole: \varnothing 110 mm x 140 mm
 surface temperature max. 35 °C
 loading max. 1200 kg

Available on request with half beam
 angle 45°.



Distance [m]	\varnothing Cone [m]	Illumination [lx]
3,0	1,5	31
2,0	1,0	70
1,0	0,5	270

..2175, ..2188 Half beam angle 30°

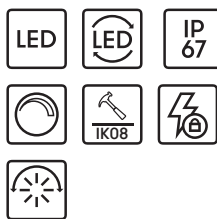


..2175, ..2188

Art.-No.	Lamp	Luminous flux	Light colour	Material
In-ground floodlights				
692175	1 x LED 4,5 W	330 lm	4000 K	StSt
692188	1 x LED 4,5 W	330 lm	3000 K	StSt

In-ground floodlight

± 30° slewable

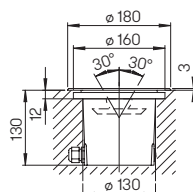


with removable LED components
 and integrated overvoltage protection
 lightcolour warmwhite, 3000 K, dimmable
 symmetrical and asymmetrical
 lightdistribution possible
 housing cast aluminium
 cover stainless steel
 reflektor made out of anodised pure
 aluminium, clear safety glass
 insert hole: 130 mm x 130 mm
 surface temperature max. 35 °C
 loading max. 1000 kg



Distance [m]	\varnothing Cone [m]	Illumination [lx]
6,0	3,5	20
4,0	2,3	40
2,0	1,2	170

..2317 Half beam angle 30°

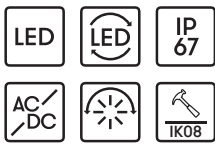


..2317

Art.-No.	Lamp	Luminous flux	Material
In-ground floodlight			
692317	1 x LED 8 W	800 lm	StSt



In-ground floodlight
up to 30° slewable

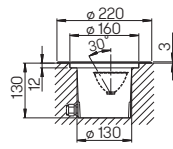


with removable LED components
lightcolour warmwhite, 3000 K
with integrated converter AC/DC
symmetrical and asymmetrical
lightdistribution possible
housing cast aluminium
cover stainless steel
reflektor made out of anodised pure
aluminium
clear safety glass
insert hole: \varnothing 130 mm x 130 mm
surface temperature max. 35 °C
loading max. 1000 kg



Distance [m]	\varnothing Cone [m]	Illumination [lx]
6,0	3,5	20
4,0	2,3	40
2,0	1,2	160

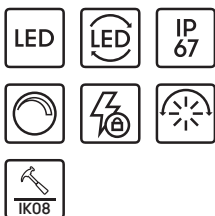
..2179 Half beam angle 30°



..2179

Art.-No.	Lamp	Luminous flux	Material
In-ground floodlight			
692179	1 x LED 10 W	900 lm	StSt

In-ground floodlight
up to 30° slewable

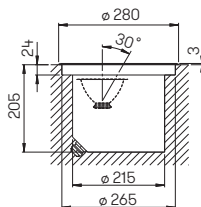


with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
symmetrical and asymmetrical
lightdistribution possible
housing cast aluminium
cover stainless steel
reflektor made out of anodised pure
aluminium clear safety glass
insert hole: \varnothing 215 mm x 205 mm
surface temperature max. 35 °C
loading max. 3000 kg



Distance [m]	\varnothing Cone [m]	Illumination [lx]
6,0	3,6	56
4,0	2,4	120
2,0	1,2	480

..2422 Half beam angle 30°



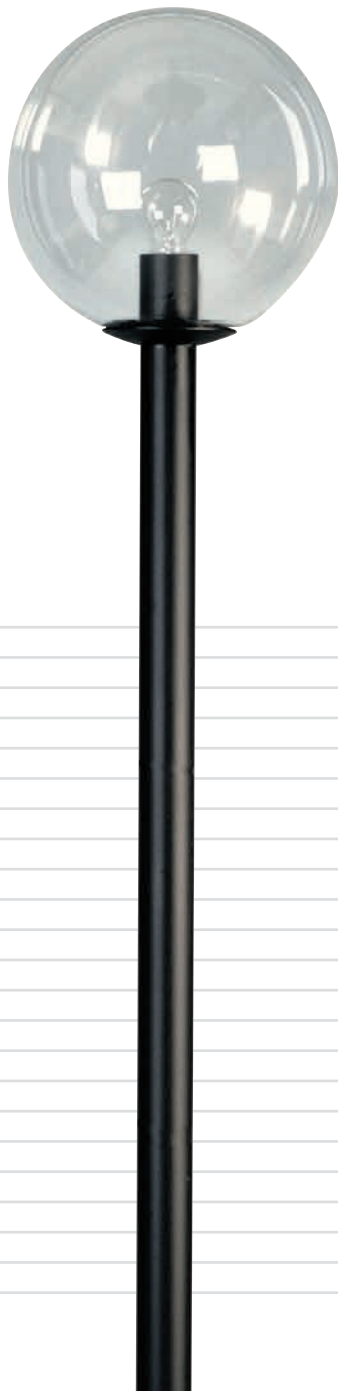
..2422, ..2423

Distance [m]	\varnothing Cone [m]	Illumination [lx]
6,0	3,6	110
4,0	2,4	240
2,0	1,2	970

..2423 Half beam angle 30°

Art.-No.	Lamp	Luminous flux	Material
In-ground floodlights			
692422	1 x LED 16 W	2240 lm	StSt
692423	1 x LED 29 W	4480 lm	StSt





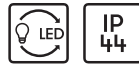
Globe lights



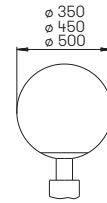
..0850, ..0854, ..0858



Pole top lights



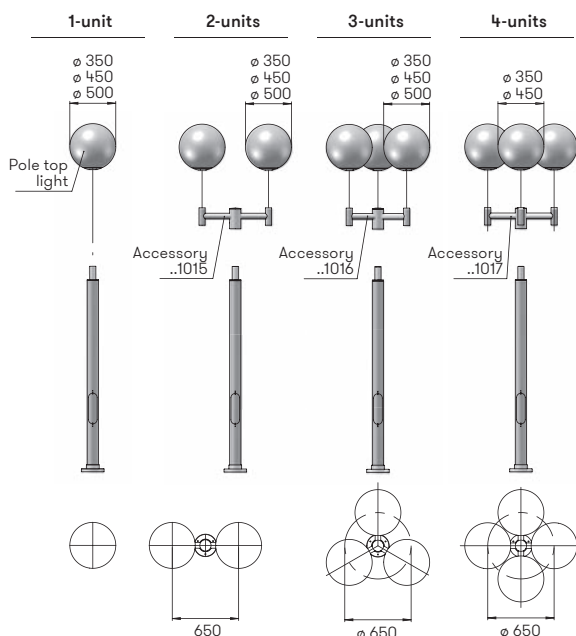
for poles $\phi = 110$ mm with
pole top $\phi = 60$ mm or
for wall and pole assembly accessories
for standard lamps, cast aluminium
plastic globe white (PMMA)



..0850, ..0854, ..0858



Art.-No.	Lamp	Base	Globe	Colour
Pole top lights				
660850	1 x lamp	E27	ϕ 350	black
680850	1 x lamp	E27	ϕ 350	white
90750100	appropriate lamp	E27		
660854	1 x lamp	E27	ϕ 450	black
680854	1 x lamp	E27	ϕ 450	white
90750100	appropriate lamp	E27		
660858	1 x lamp	E27	ϕ 500	black
680858	1 x lamp	E27	ϕ 500	white
90750100	appropriate lamp	E27		



Pole top assembly-accessories

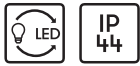
2-, 3- or 4-units

cast aluminium for globe
pole top lights and poles
with pole top $\phi = 60$ mm

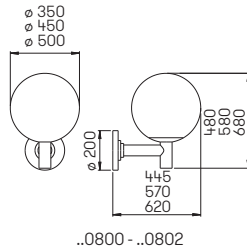


Art.-No.	Lamp	Colour
matching assembly accessories for 2 globe lights		
661015	2-units	black
681015	2-units	white
matching assembly accessories for 3 globe lights		
661016	3-units	black
681016	3-units	white
matching assembly accessories, globe max. ϕ 450 mm for 4 globe lights		
661017	4-units	black
681017	4-units	white

Wall lights



for standard lamps, cast aluminium
plastic globe white (PMMA)



..0800 - ..0802



Art.-No.	Lamp	Base	Globe	Colour
Wall lights				
660800	1 × lamp	E27	ø 350	black
680800	1 × lamp	E27	ø 350	white
90750100	appropriate lamp	E27		
660801	1 × lamp	E27	ø 450	black
680801	1 × lamp	E27	ø 450	white
90750100	appropriate lamp	E27		
660802	1 × lamp	E27	ø 500	black
680802	1 × lamp	E27	ø 500	white
90750100	appropriate lamp	E27		



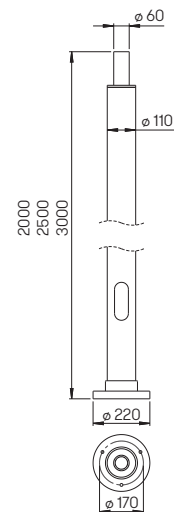
..0800, ..0801, ..0802

Poles

aluminium, length 2000 – 3000 mm
pole top ø = 60 mm

For installation on a foundation or sunk
pedestal

Available on request in further colours.



..0012, ..0013, ..0014



Art.-No.	H	D1	D2	Colour
Poles for globe top lights				
690012	2000	60	110	black
690013	2500	60	110	black
690014	3000	60	110	black
690011	appropriate sunk pedestal			

Junction box

690036	with fuse link Neozed
--------	-----------------------

Wall lights



for standard lamps, cast aluminium with mounting plate, opal glass

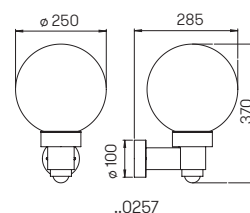
Available on request with clear bubble glass, then -b at the end of the article number.



..0257



..0257-b



..0257



Art.-No.	Lamp	Base	Globe	Colour
Wall lights with movement detector				
660257	1 × lamp	E27	∅ 250	black
680257	1 × lamp	E27	∅ 250	white
90750100	appropriate lamp	E27		
..1005	appropriate corner plate			

Wall lights



for standard lamps, cast aluminium with mounting plate, clear bubble glass

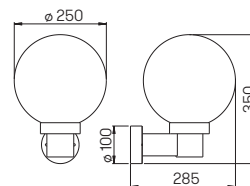
Available on request with opal glass, then -o at the end of the article number.



..0633



..0633-o



..0633



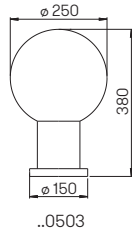
Art.-No.	Lamp	Base	Globe	Colour
Wall lights				
660633	1 × lamp	E27	∅ 250	black
680633	1 × lamp	E27	∅ 250	white
90750100	appropriate lamp	E27		
90750101	appropriate lamp	E27		
..1005	appropriate corner plate			

Pedestal lights
Bollard lights

for standard lamps, cast aluminium
with mounting plate, clear bubble glass



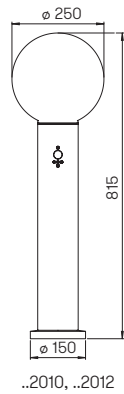
Available on request with opal glass,
then -o at the end of the article number.



..0503



..0503-o



..2012



..2012-o



Art.-No.	Lamp	Base	Globe	Colour
Pedestal lights				
660503	1 x lamp	E27	ø 250	black
680503	1 x lamp	E27	ø 250	white
90750100	appropriate lamp	E27		
90750101	appropriate lamp	E27		
690010	appropriate sunk pedestal			
Bollard lights				
662012	1 x lamp	E27	ø 250	black
682012	1 x lamp	E27	ø 250	white
90750100	appropriate lamp	E27		
90750101	appropriate lamp	E27		
690010	appropriate sunk pedestal			
Bollard lights with movement detector				
662010	1 x lamp	E27	ø 250	black
682010	1 x lamp	E27	ø 250	white
90750100	appropriate lamp	E27		
690010	appropriate sunk pedestal			



..2010



..2010-o



Wall lights



for standard lamps, cast aluminium with mounting plate, clear crystal glass

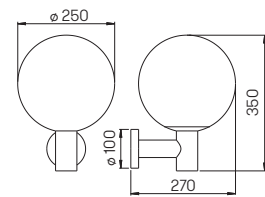
Available on request with opal glass, then -o at the end of the article number.



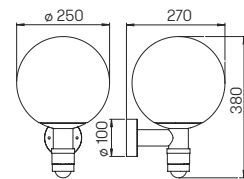
..0639



..0639-o



..0639



..0641



..0641



..0641-o

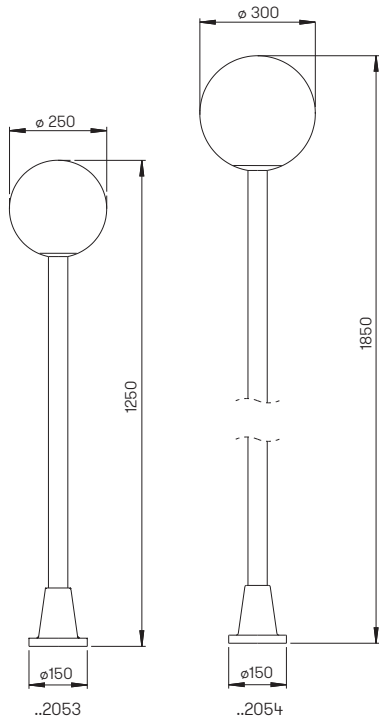
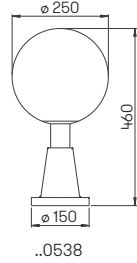


Art.-No.	Lamp	Base	Globe	Colour
Wall lights				
660639	1 × lamp	E27	∅ 250	black
680639	1 × lamp	E27	∅ 250	white
90750100	appropriate lamp	E27		
90750101	appropriate lamp	E27		
..1005	appropriate corner plate			
Wall lights with movement detector				
660641	1 × lamp	E27	∅ 250	black
680641	1 × lamp	E27	∅ 250	white
90750100	appropriate lamp	E27		
..1005	appropriate corner plate			

Pedestal lights
Path lights
Pole lights

for standard lamps, cast aluminium with mounting plate, pole light with pole, clear crystal glass

Available on request with opal glass, then -o at the end of the article number.



..0538

..0538-o



..2053

..2053-o

..2054

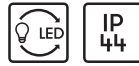
..2054-o

Art.-No.	Lamp	Base	Globe	Colour
Pedestal lights				
660538	1 x lamp	E27	ø 250	black
680538	1 x lamp	E27	ø 250	white
90750100	appropriate lamp	E27		
90750101	appropriate lamp	E27		
690010	appropriate sunk pedestal			
Path lights				
662053	1 x lamp	E27	ø 250	black
682053	1 x lamp	E27	ø 250	white
90750100	appropriate lamp	E27		
90750101	appropriate lamp	E27		
690010	appropriate sunk pedestal			
Pole lights				
662054	1 x lamp	E27	ø 300	black
682054	1 x lamp	E27	ø 300	white
90750100	appropriate lamp	E27		
90750101	appropriate lamp	E27		
690010	appropriate sunk pedestal			

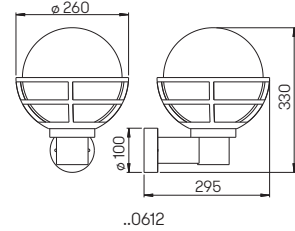


Wall lights
Pedestal lights
Bollard lights

for standard lamps, cast aluminium
with mounting plate, opal glass



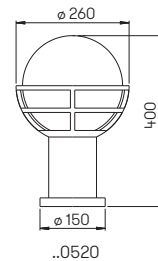
0612



..0612



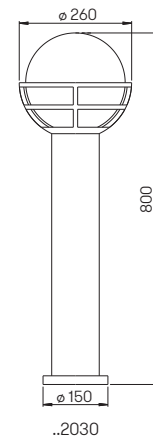
0520



..0520



2030



..2030



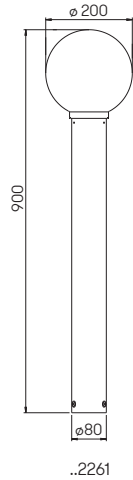
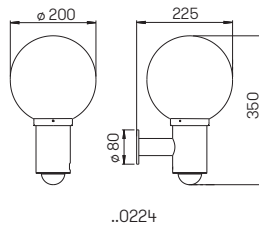
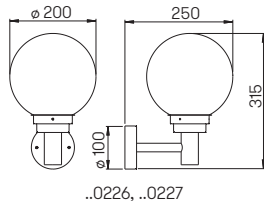
Art.-No.	Lamp	Base	Globe	Colour
Wall lights				
660612	1 × lamp	E27	ø 230	black
680612	1 × lamp	E27	ø 230	white
90750100	appropriate lamp	E27		
.. 1005	appropriate corner plate			
Pedestal lights				
660520	1 × lamp	E27	ø 230	black
680520	1 × lamp	E27	ø 230	white
90750100	appropriate lamp	E27		
690010	appropriate sunk pedestal			
Bollard lights				
662030	1 × lamp	E27	ø 230	black
682030	1 × lamp	E27	ø 230	white
90750100	appropriate lamp	E27		
690010	appropriate sunk pedestal			

Wall lights
Bollard light



for standard lamps, stainless steel
..0227, ..0226 and ..2261
with mounting plate
opal glass resp. clear bubble glass

If not specified, available on request
with clear bubble glass, then -b or
with opal glass, then -o at the end of the
article number.



..0226



..0227



..0224-b



..0224



..2261



..2261-o

Art.-No.	Lamp	Base	Globe	Material
Wall light, clear bubble glass				
690226	1 × lamp	E27	ø 200	StSt
90750100	appropriate lamp	E27		
90750101	appropriate lamp	E27		
691004	appropriate corner plate			
Wall light, opal glass				
690227	1 × lamp	E27	ø 200	StSt
90750100	appropriate lamp	E27		
691004	appropriate corner plate			
Wall light with movement detector, opal glass				
690224	1 × lamp	E27	ø 200	StSt
90750100	appropriate lamp	E27		
691003	appropriate corner plate			
Bollard light, clear bubble glass				
692261	1 × lamp	E27	ø 200	StSt
90750100	appropriate lamp	E27		
90750101	appropriate lamp	E27		
690010	appropriate sunk pedestal			

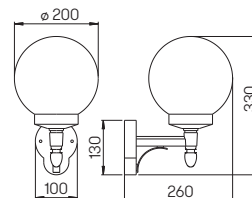


Wall lights Pedestal lights



for standard lamps, cast aluminium
with mounting plate, clear bubble glass

Available on request with opal glass,
then -o at the end of the article number.

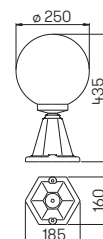


..0698



..0698

..0698-o



..0501



..0501

..0501-o



..2003



..2003

..2003-o

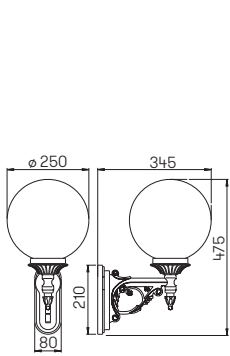
Art.-No.	Lamp	Base	Globe	Colour
Wall lights				
660698	1 × lamp	E27	∅ 200	black
680698	1 × lamp	E27	∅ 200	white
90750100	appropriate lamp	E27		
90750101	appropriate lamp	E27		
.. 1006	appropriate corner plate			
Pedestal lights				
660501	1 × lamp	E27	∅ 250	black
680501	1 × lamp	E27	∅ 250	white
90750100	appropriate lamp	E27		
90750101	appropriate lamp	E27		
690011	appropriate sunk pedestal			
Path lights				
662003	1 × lamp	E27	∅ 250	black
682003	1 × lamp	E27	∅ 250	white
90750100	appropriate lamp	E27		
90750101	appropriate lamp	E27		
690011	appropriate sunk pedestal			

Wall lights
Path lights
Pole lights

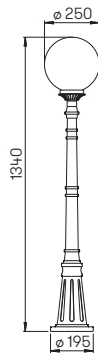
for standard lamps, cast aluminium
with mounting plate
(except ..2050, ..2051),
pole light with pole, opal glass



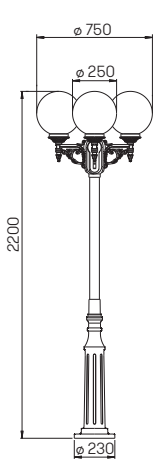
Available on request with clear bubble
glass, then -b at the end of the article
number.



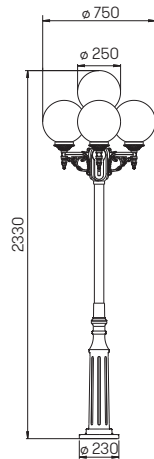
..0609



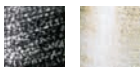
..2014



..2050



..2051



Art.-No.	Lamp	Base	Globe	Colour
Wall lights				
600609	1 x lamp	E27	ø 250	black-silver
670609	1 x lamp	E27	ø 250	white-gold
90750100	appropriate lamp	E27		
.. 1007	appropriate corner plate			
Path lights				
602014	1 x lamp	E27	ø 250	black-silver
672014	1 x lamp	E27	ø 250	white-gold
90750100	appropriate lamp	E27		
690010	appropriate sunk pedestal			
Pole lights 3-units				
602050	3 x lamp	E27	ø 250	black-silver
672050	3 x lamp	E27	ø 250	white-gold
90750100	appropriate lamp	E27		
690011	appropriate sunk pedestal			
Pole lights 4-units				
602051	4 x lamp	E27	ø 250	black-silver
672051	4 x lamp	E27	ø 250	white-gold
90750100	appropriate lamp	E27		
690011	appropriate sunk pedestal			



..0609



..0609-b



..2014



..2014-b

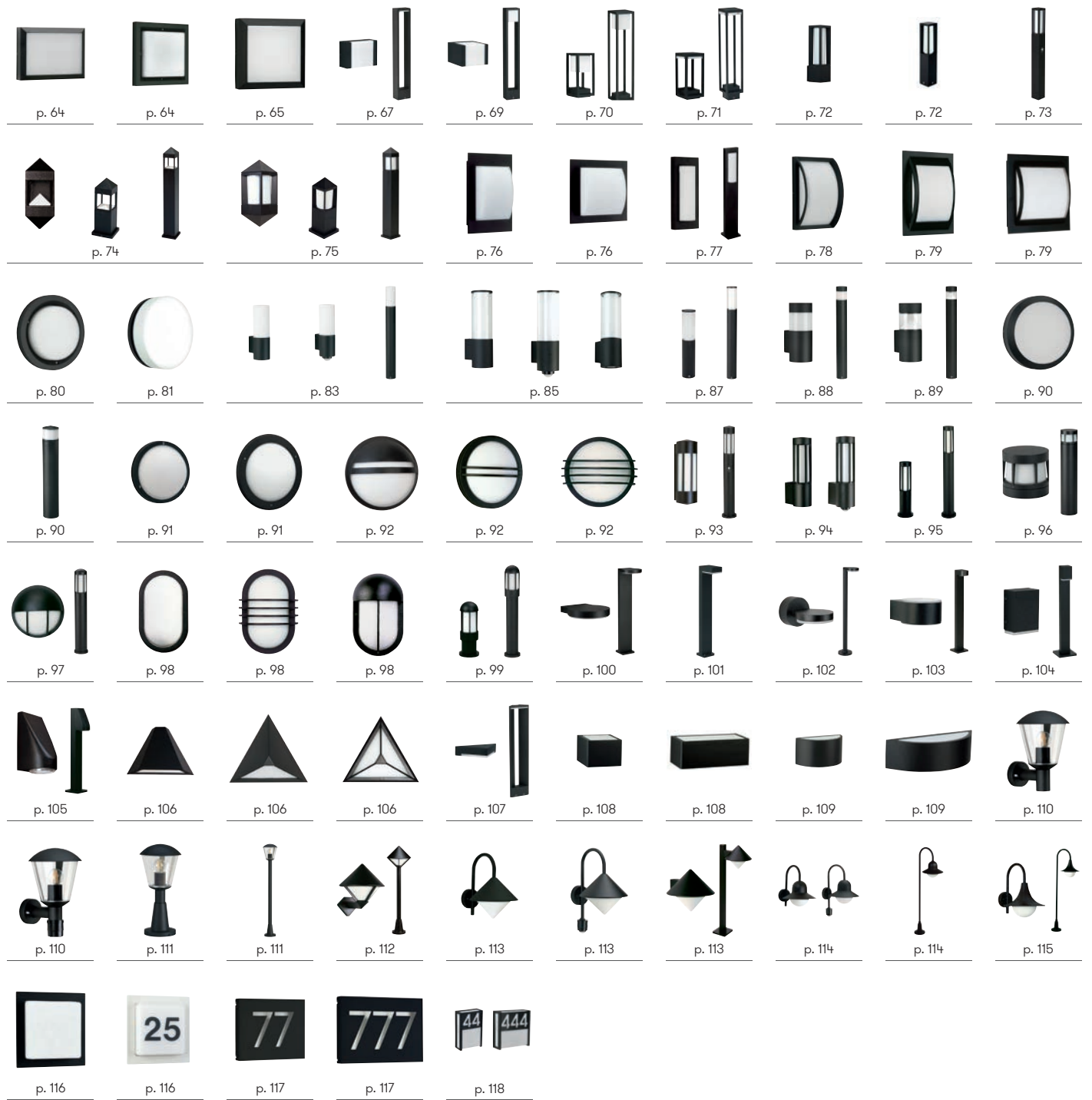


..2050



..2051





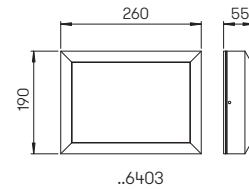
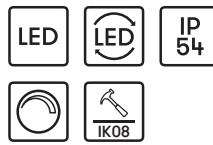


Cast aluminium lights



Wall- and Ceiling lights

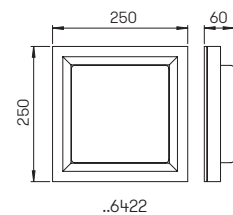
with removable LED components
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
acrylic glass satiné impact resistant



Art.-No.	Lamp	Luminous flux	Colour
Wall and ceiling lights			
626403	1 x LED 16 W	1600 lm	anthracite
666403	1 x LED 16 W	1600 lm	black
686403	1 x LED 16 W	1600 lm	white
696403	1 x LED 16 W	1600 lm	silver

Wall and Ceiling lights

with removable LED components
lightcolour warmwhite, 3000 K
cast aluminium, with mounting plate
opal glass

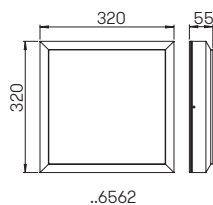
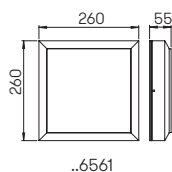
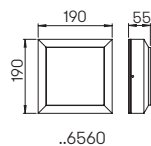


Art.-No.	Lamp	Luminous flux	Colour
Wall and ceiling lights			
626422	1 x LED 12 W	1200 lm	anthracite
666422	1 x LED 12 W	1200 lm	black
686422	1 x LED 12 W	1200 lm	white
696422	1 x LED 12 W	1200 lm	silver

Wall and Ceiling lights



with removable LED components and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
acrylic glass satiné, impact resistant

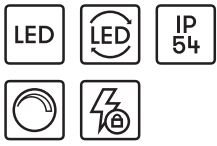


Art.-No.	Lamp	Luminous flux	Colour
Wall and ceiling lights			
626560	1 × LED 8 W	880 lm	anthracite
666560	1 × LED 8 W	880 lm	black
686560	1 × LED 8 W	880 lm	white
696560	1 × LED 8 W	880 lm	silver
Wall and ceiling lights			
626561	1 × LED 16 W	1600 lm	anthracite
666561	1 × LED 16 W	1600 lm	black
686561	1 × LED 16 W	1600 lm	white
696561	1 × LED 16 W	1600 lm	silver
Wall and ceiling lights			
626562	1 × LED 20 W	2200 lm	anthracite
666562	1 × LED 20 W	2200 lm	black
686562	1 × LED 20 W	2200 lm	white
696562	1 × LED 20 W	2200 lm	silver



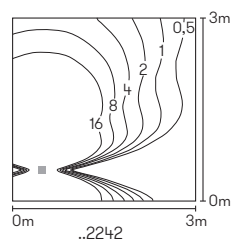
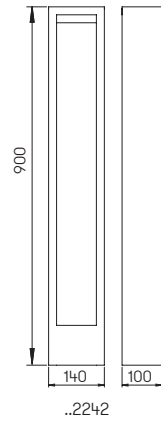
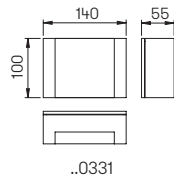


Wall- and
Bollard lights



with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
acrylic glass opal

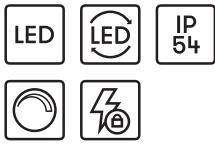
Recommended distance:
Bollard light 5 m



Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620331	1x LED 5 W	480 lm	anthracite
660331	1x LED 5 W	480 lm	black
680331	1x LED 5 W	480 lm	white
690331	1x LED 5 W	480 lm	silver
Bollard lights			
622242	1x LED 10 W	900 lm	anthracite
662242	1x LED 10 W	900 lm	black
682242	1x LED 10 W	900 lm	white
692242	1x LED 10 W	900 lm	silver
690010	appropriate sunk pedestal		

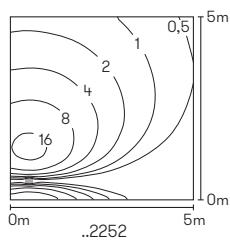
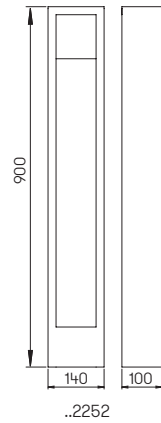
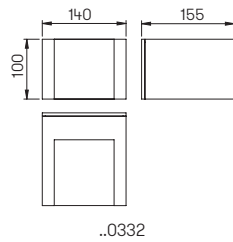


Wall- and
Bollard lights



with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
acrylic glass opal

Recommended distance:
Bollard light 6 m

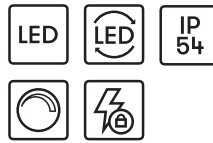


Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620332	1x LED 5 W	480 lm	anthracite
660332	1x LED 5 W	480 lm	black
680332	1x LED 5 W	480 lm	white
690332	1x LED 5 W	480 lm	silver
Bollard lights			
622252	1x LED 10 W	900 lm	anthracite
662252	1x LED 10 W	900 lm	black
682252	1x LED 10 W	900 lm	white
692252	1x LED 10 W	900 lm	silver
690010	appropriate sunk pedestal		

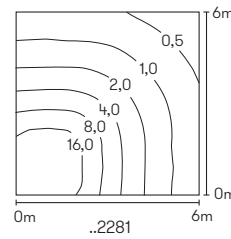
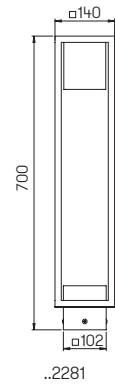
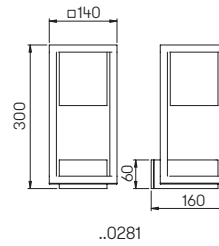


Wall- and Bollard lights

with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
acrylic glass opal



**Recommended distance:
Bollard light 5 m**



Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620281	1x LED 5 W	480 lm	anthracite
660281	1x LED 5 W	480 lm	black
680281	1x LED 5 W	480 lm	white
690281	1x LED 5 W	480 lm	silver
Bollard lights			
622281	1x LED 10 W	900 lm	anthracite
662281	1x LED 10 W	900 lm	black
682281	1x LED 10 W	900 lm	white
692281	1x LED 10 W	900 lm	silver
690010	appropriate sunk pedestal		

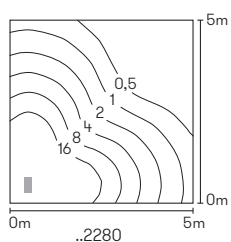
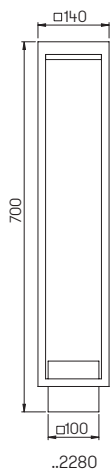
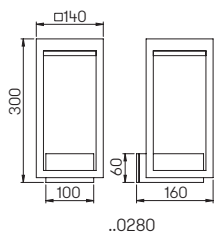


Wall- and
Bollard lights



with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K
cast aluminium, with mounting plate
acrylic glass satiné

Recommended distance:
Bollard light 5 m



Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620280	1x LED 8 W	810 lm	anthracite
660280	1x LED 8 W	810 lm	black
680280	1x LED 8 W	810 lm	white
690280	1x LED 8 W	810 lm	silver
Bollard lights			
622280	1x LED 8 W	810 lm	anthracite
662280	1x LED 8 W	810 lm	black
682280	1x LED 8 W	810 lm	white
692280	1x LED 8 W	810 lm	silver
690010	appropriate sunk pedestal		

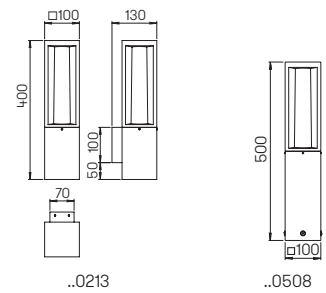




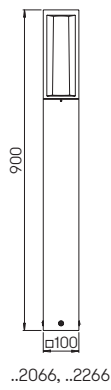
Wall lights
Pedestal lights
Bollard lights

for LED-Retrofit, cast aluminium
 with mounting plate, opal glass

Recommended distance:
Pedestal and Bollard light 6 m

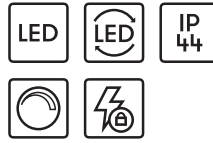


Art.-No.	Lamp	Lamp dimensions	Base	Colour
Wall lights				
660213	1 × lamp	max. ø 52 × 175 mm	E27	black
680213	1 × lamp	max. ø 52 × 175 mm	E27	white
690213	1 × lamp	max. ø 52 × 175 mm	E27	silver
90750309	appropriate lamp		E27	
Pedestal lights				
660508	1 × lamp	max. ø 52 × 175 mm	E27	black
680508	1 × lamp	max. ø 52 × 175 mm	E27	white
690508	1 × lamp	max. ø 52 × 175 mm	E27	silver
90750309	appropriate lamp		E27	
690010	appropriate sunk pedestal			
Bollard lights				
662266	1 × lamp	max. ø 52 × 175 mm	E27	black
682266	1 × lamp	max. ø 52 × 175 mm	E27	white
692266	1 × lamp	max. ø 52 × 175 mm	E27	silver
90750309	appropriate lamp		E27	
690010	appropriate sunk pedestal			
Bollard lights with movement detector				
662066	1 × lamp	max. ø 52 × 175 mm	E27	black
682066	1 × lamp	max. ø 52 × 175 mm	E27	white
692066	1 × lamp	max. ø 52 × 175 mm	E27	silver
90750309	appropriate lamp		E27	
690010	appropriate sunk pedestal			



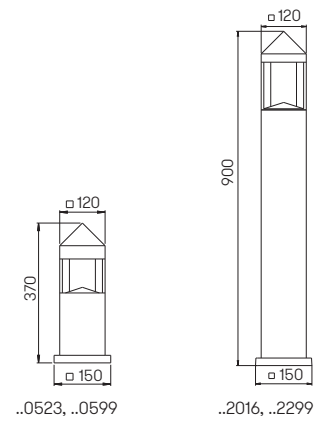
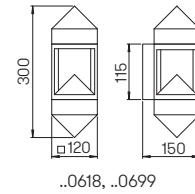


Wall lights
Pedestal lights
Bollard lights



with removable LED components and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable resp. for lamps QT-DE 12
cast aluminium, with mounting plate
borosilicate glass clear

Recommended distance:
Pedestal and Bollard light 4 m



Art.-No.	Lamp	Luminous flux	Colour
with LED			
Wall lights			
660699	1 x LED 12 W	1200 lm	black
680699	1 x LED 12 W	1200 lm	white
Pedestal lights			
660599	1 x LED 12 W	1200 lm	black
680599	1 x LED 12 W	1200 lm	white
690010	appropriate sunk pedestal		
Bollard lights			
662299	1 x LED 12 W	1200 lm	black
682299	1 x LED 12 W	1200 lm	white
690010	appropriate sunk pedestal		

Art.-No.	Lamp	Lamp length	Base	Colour
for lamps				
Wall lights				
660618	1 x QT-DE 12 80 W	74,9 mm	R7s	black
680618	1 x QT-DE 12 80 W	74,9 mm	R7s	white
Pedestal lights				
660523	1 x QT-DE 12 80 W	74,9 mm	R7s	black
680523	1 x QT-DE 12 80 W	74,9 mm	R7s	white
690010	appropriate sunk pedestal			
Bollard lights				
662016	1 x QT-DE 12 80 W	74,9 mm	R7s	black
682016	1 x QT-DE 12 80 W	74,9 mm	R7s	white
690010	appropriate sunk pedestal			

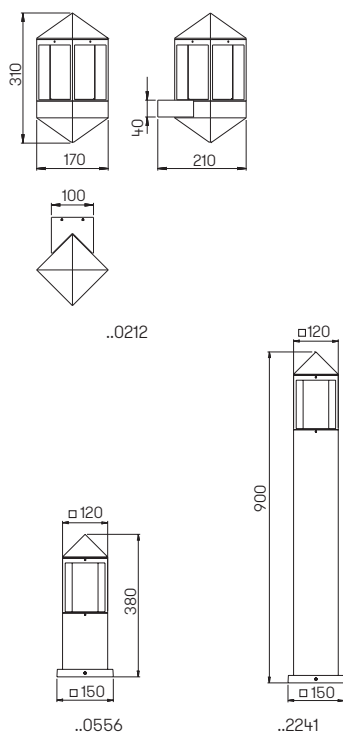


Wall lights
Pedestal lights
Bollard lights



for standard lamps, cast aluminium
with mounting plate, opal glass

Recommended distance:
Pedestal and Bollard light 5 m



Art.-No.	Lamp	Base	Colour
Wall lights			
660212	1 x lamp	E27	black
680212	1 x lamp	E27	white
90750100	appropriate lamp	E27	
Pedestal lights			
660556	1 x lamp	E27	black
680556	1 x lamp	E27	white
90750100	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Bollard lights			
662241	1 x lamp	E27	black
682241	1 x lamp	E27	white
90750100	appropriate lamp	E27	
690010	appropriate sunk pedestal		



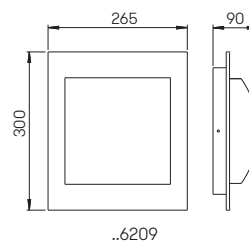
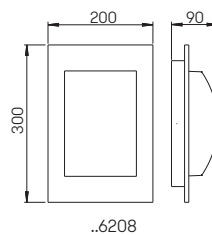
Wall- and Ceiling lights



for standard lamps, cast aluminium with mounting plate, opal glass



Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.

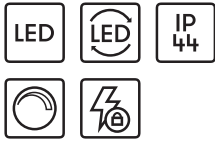


Art.-No.	Lamp	Base	Colour
Wall and ceiling lights			
666208	1 x lamp	E27	black
686208	1 x lamp	E27	white
696208	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
Wall and ceiling lights			
666209	1 x lamp	E27	black
686209	1 x lamp	E27	white
696209	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	

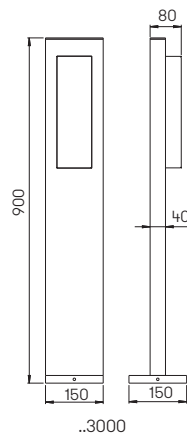
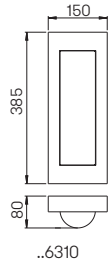


Wall lights
Ceiling lights
Bollard lights

with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K dimmable
cast aluminium, with mounting plate
opal glass



Recommended distance:
Bollard light 4 m

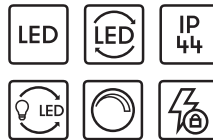


Art.-No.	Lamp	Luminous flux	Colour
Wall and ceiling lights			
666310	1 x LED 16 W	1600 lm	black
686310	1 x LED 16 W	1600 lm	white
Bollard lights			
663000	1 x LED 16 W	1600 lm	black
683000	1 x LED 16 W	1600 lm	white
690010	appropriate sunk pedestal		

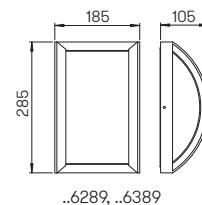




Wall and Ceiling lights



with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
resp. for standard lamps
cast aluminium with mounting plate
opal glass



Art.-No.	Lamp	Luminous flux	Colour
Wall and ceiling lights with LED			
666389	1 x LED 10 W	900 lm	black
686389	1 x LED 10 W	900 lm	white
696389	1 x LED 10 W	900 lm	silver

Art.-No.	Lamp	Base	Colour
Wall and ceiling lights for lamps			
666289	1 x lamp	E27	black
686289	1 x lamp	E27	white
696289	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	



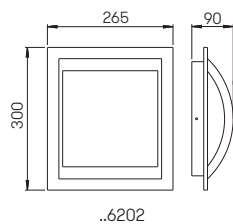
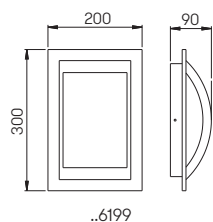
Wall- and Ceiling lights



for standard lamps, cast aluminium with mounting plate, opal glass

LED

Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



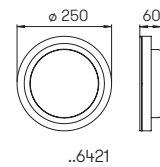
Art.-No.	Lamp	Base	Colour
Wall and ceiling lights			
666199	1 × lamp	E27	black
686199	1 × lamp	E27	white
696199	1 × lamp	E27	silver
90750101	appropriate lamp	E27	
Wall and ceiling lights			
666202	1 × lamp	E27	black
686202	1 × lamp	E27	white
696202	1 × lamp	E27	silver
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	



Wall- and Ceiling lights



with removable LED components
lightcolour warmwhite, 3000 K,
cast aluminium, with mounting plate
opal glass

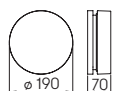


Art.-No.	Lamp	Luminous flux	Colour
Wall and ceiling lights			
626421	1 x LED 12 W	1200 lm	anthracite
666421	1 x LED 12 W	1200 lm	black
686421	1 x LED 12 W	1200 lm	white
696421	1 x LED 12 W	1200 lm	silver

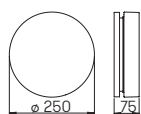
Wall and Ceiling lights



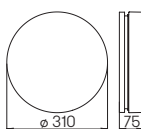
with removable LED components
lightcolour warmwhite, 3000 K
cast aluminium, with mounting plate
opal glass



..6307



..6308



..6309

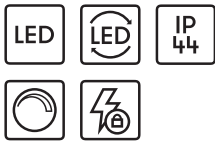


Art.-No.	Lamp	Luminous flux	Colour
Wall and ceiling lights			
626307	1 x LED 12 W	1200 lm	anthracite
666307	1 x LED 12 W	1200 lm	black
686307	1 x LED 12 W	1200 lm	white
696307	1 x LED 12 W	1200 lm	silver
Wall and ceiling lights			
626308	1 x LED 24 W	2400 lm	anthracite
666308	1 x LED 24 W	2400 lm	black
686308	1 x LED 24 W	2400 lm	white
696308	1 x LED 24 W	2400 lm	silver
Wall and ceiling lights			
626309	1 x LED 36 W	3600 lm	anthracite
666309	1 x LED 36 W	3600 lm	black
686309	1 x LED 36 W	3600 lm	white
696309	1 x LED 36 W	3600 lm	silver



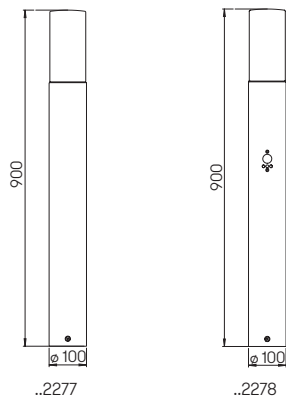
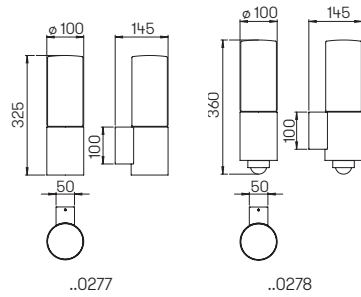


Wall- and
Bollard lights



with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
opal glass

Recommended distance:
Bollard light 5 m



Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620277	1x LED 10 W	900 lm	anthracite
660277	1x LED 10 W	900 lm	black
680277	1x LED 10 W	900 lm	white
690277	1x LED 10 W	900 lm	silver
..1002	appropriate corner plate		
Wall lights with movement detector			
620278	1x LED 10 W	900 lm	anthracite
660278	1x LED 10 W	900 lm	black
680278	1x LED 10 W	900 lm	white
690278	1x LED 10 W	900 lm	silver
..1002	appropriate corner plate		
Bollard lights			
622277	1x LED 10 W	900 lm	anthracite
662277	1x LED 10 W	900 lm	black
682277	1x LED 10 W	900 lm	white
692277	1x LED 10 W	900 lm	silver
690010	appropriate sunk pedestal		
Bollard lights with movement detector			
622278	1x LED 10 W	900 lm	anthracite
662278	1x LED 10 W	900 lm	black
682278	1x LED 10 W	900 lm	white
692278	1x LED 10 W	900 lm	silver
690010	appropriate sunk pedestal		

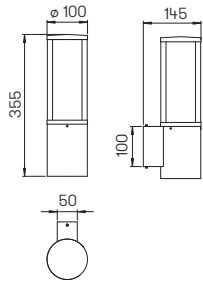




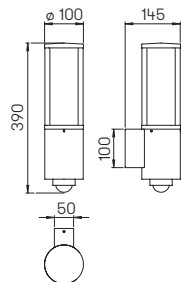
Wall lights



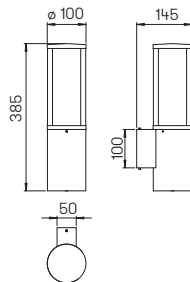
for LED-Retrofit resp. for additional reflector lamp PAR 16
cast aluminium, with mounting plate acrylic and opal glass



..0311



..0320



..0321



Art.-No.	Lamp	Lamp dimensions	Base	Colour
Wall lights				
660311	1 × lamp	max. ø 52 × 175 mm	E27	black
680311	1 × lamp	max. ø 52 × 175 mm	E27	white
690311	1 × lamp	max. ø 52 × 175 mm	E27	silver
90750309	appropriate lamp		E27	
.. 1002	appropriate corner plate			
Wall lights with movement detector				
660320	1 × lamp	max. ø 52 × 175 mm	E27	black
680320	1 × lamp	max. ø 52 × 175 mm	E27	white
690320	1 × lamp	max. ø 52 × 175 mm	E27	silver
90750309	appropriate lamp		E27	
.. 1002	appropriate corner plate			
Wall lights with additional downlight PAR 16				
660321	1 × lamp	max. ø 52 × 175 mm	E27	black
	1 × lamp PAR 16	max. ø 50 × 56 mm	GU10	
90750309	appropriate lamp		E27	
90750105	appropriate lamp		GU10	
680321	1 × lamp	max. ø 52 × 175 mm	E27	white
	1 × lamp PAR 16	max. ø 50 × 56 mm	GU10	
90750309	appropriate lamp		E27	
90750105	appropriate lamp		GU10	
690321	1 × lamp	max. ø 52 × 175 mm	E27	silver
	1 × lamp PAR 16	max. ø 50 × 56 mm	GU10	
90750309	appropriate lamp		E27	
90750105	appropriate lamp		GU10	
.. 1002	appropriate corner plate			



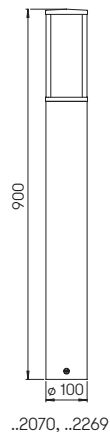
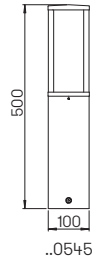


Pedestal and Bollard lights



for LED-Retrofit, cast aluminium with mounting plate acrylic and opal glass

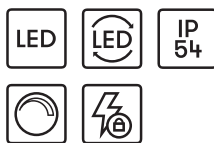
**Recommended distance:
Pedestal and Bollard light 6 m**



Art.-No.	Lamp	Lamp dimensions	Base	Colour
Pedestal lights				
660545	1 x lamp	max. ø 52 x 175 mm	E27	black
680545	1 x lamp	max. ø 52 x 175 mm	E27	white
690545	1 x lamp	max. ø 52 x 175 mm	E27	silver
90750309	appropriate lamp		E27	
690010	appropriate sunk pedestal			
Bollard lights				
662269	1 x lamp	max. ø 52 x 175 mm	E27	black
682269	1 x lamp	max. ø 52 x 175 mm	E27	white
692269	1 x lamp	max. ø 52 x 175 mm	E27	silver
90750309	appropriate lamp		E27	
690010	appropriate sunk pedestal			
Bollard lights with movement detector				
662070	1 x lamp	max. ø 52 x 175 mm	E27	black
682070	1 x lamp	max. ø 52 x 175 mm	E27	white
692070	1 x lamp	max. ø 52 x 175 mm	E27	silver
90750309	appropriate lamp		E27	
690010	appropriate sunk pedestal			

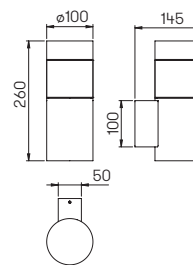


Wall- and
Bollard lights

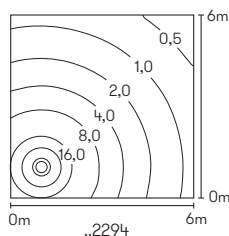


with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
acrylic glass opal

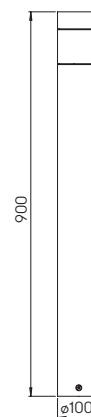
Recommended distance:
Bollard light 5 m



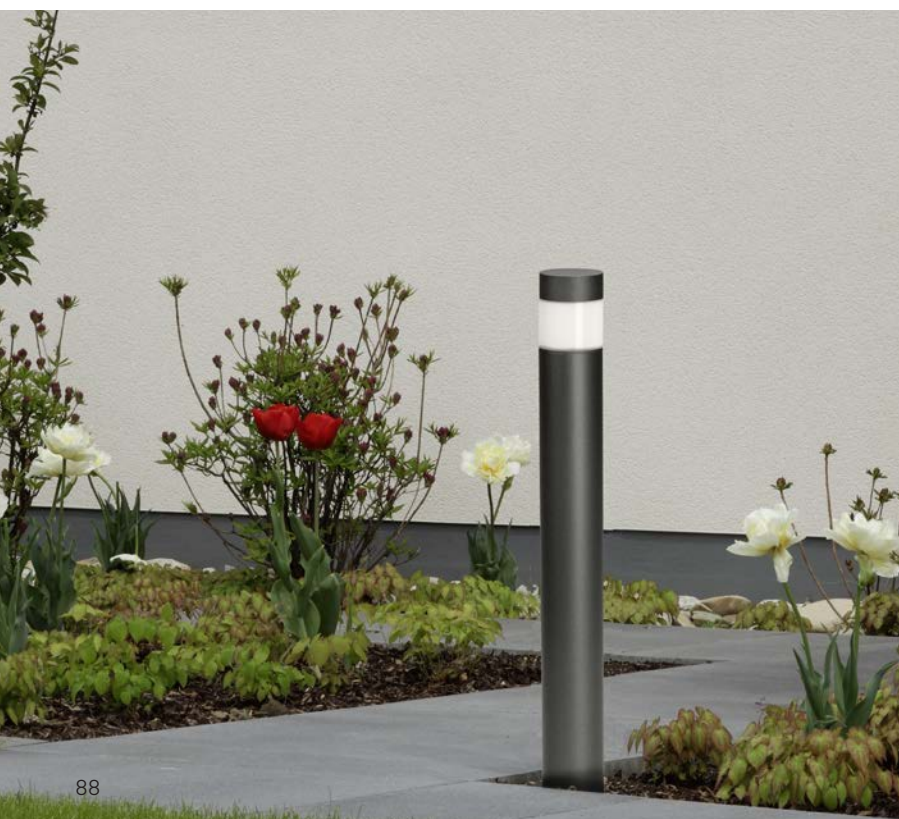
..0274



..2294

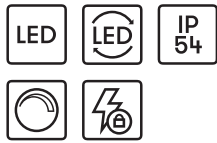


..2294



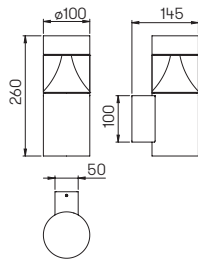
Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620274	1x LED 9 W	1000 lm	anthracite
660274	1x LED 9 W	1000 lm	black
680274	1x LED 9 W	1000 lm	white
690274	1x LED 9 W	1000 lm	silver
.. 1002	appropriate corner plate		
Bollard lights			
622294	1x LED 9 W	1000 lm	anthracite
662294	1x LED 9 W	1000 lm	black
682294	1x LED 9 W	1000 lm	white
692294	1x LED 9 W	1000 lm	silver
690010	appropriate sunk pedestal		

Wall- and
Bollard lights

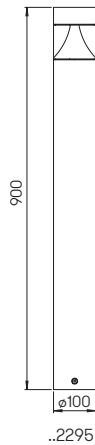
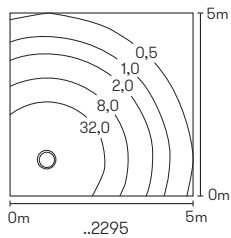


with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K,
dimnable, cast aluminium
with mounting plate, clear acrylic glass

Recommended distance:
Bollard light 5 m



..0275



..2295

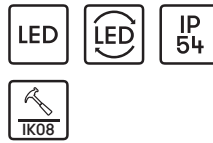


Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620275	1x LED 9 W	1000 lm	anthracite
660275	1x LED 9 W	1000 lm	black
680275	1x LED 9 W	1000 lm	white
690275	1x LED 9 W	1000 lm	silver
..1002	appropriate corner plate		
Bollard lights			
622295	1x LED 9 W	1000 lm	anthracite
662295	1x LED 9 W	1000 lm	black
682295	1x LED 9 W	1000 lm	white
692295	1x LED 9 W	1000 lm	silver
690010	appropriate sunk pedestal		

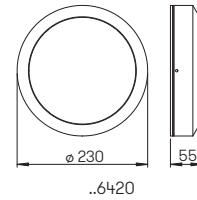




Wall- and Ceiling lights

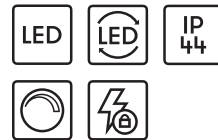


with removable LED components
lightcolour warmwhite, 3000 K
cast aluminium, with mounting plate
acrylic glass satiné, impact resistant



Art.-No.	Lamp	Luminous flux	Colour
Wall and ceiling lights			
626420	1 x LED 24 W	2400 lm	anthracite
666420	1 x LED 24 W	2400 lm	black
686420	1 x LED 24 W	2400 lm	white
696420	1 x LED 24 W	2400 lm	silver

Bollard lights



with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
white acrylic glass

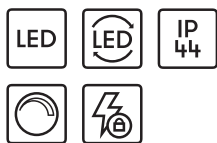
Recommended distance:
Bollard light 5 m

**Find the matching socket column on
page 18.**

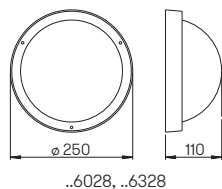


Art.-No.	Lamp	Luminous flux	Colour
Bollard lights			
622240	1 x LED 10 W	900 lm	anthracite
662240	1 x LED 10 W	900 lm	black
682240	1 x LED 10 W	900 lm	white
692240	1 x LED 10 W	900 lm	silver
690010	appropriate sunk pedestal		

Wall and Ceiling lights



with removable LED components
and integrated overvoltage protection
resp. for standard lamps
cast aluminium with mounting plate
opal glass



Art.-No.	Lamp	Base	Colour
Wall and ceiling lights			
666028	1 x lamp	E27	black
686028	1 x lamp	E27	white
90750100	appropriate lamp	E27	

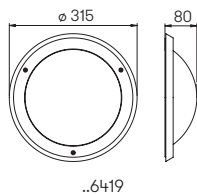
Art.-No.	Lamp	Luminous flux	Colour
Wall and ceiling lights with LED			
666328	1 x LED 10 W	900 lm	black
686328	1 x LED 10 W	900 lm	white



Wall and Ceiling lights



with removable LED components
lightcolour warmwhite, 3000 K,
cast aluminium, with mounting plate
opal glass



Art.-No.	Lamp	Luminous flux	Colour
Wall and ceiling lights			
626419	1 x LED 12 W	1200 lm	anthracite
666419	1 x LED 12 W	1200 lm	black
686419	1 x LED 12 W	1200 lm	white
696419	1 x LED 12 W	1200 lm	silver





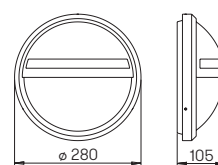
Wall and Ceiling lights



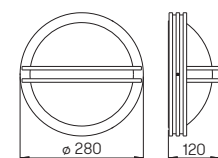
for standard lamps, cast aluminium with mounting plate, opal glass

LED

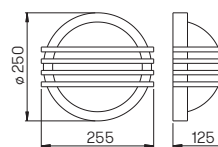
Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



..6106



..6105



..6047



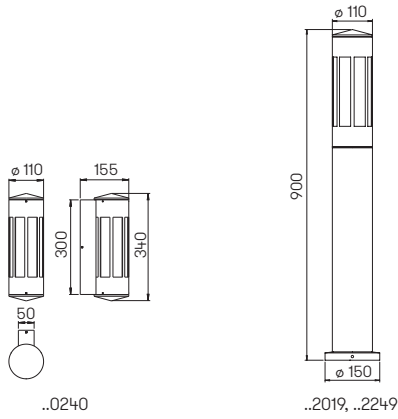
Art.-No.	Lamp	Base	Colour
Wall lights			
666106	1 × lamp	E27	black
686106	1 × lamp	E27	white
90750100	appropriate lamp	E27	
Wall and ceiling lights			
666105	1 × lamp	E27	black
686105	1 × lamp	E27	white
90750100	appropriate lamp	E27	
666047	1 × lamp	E27	black
686047	1 × lamp	E27	white
90750100	appropriate lamp	E27	

**Wall and
Bollard lights**

for standard lamps, cast aluminium
with mounting plate, opal glass



**Recommended distance:
Bollard light 6 m**



Art.-No.	Lamp	Base	Colour
Wall lights			
660240	1 x lamp	E27	black
680240	1 x lamp	E27	white
690240	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
90750309	appropriate lamp	E27	
Bollard lights			
662249	1 x lamp	E27	black
682249	1 x lamp	E27	white
692249	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
90750309	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Bollard lights with movement detector			
662019	1 x lamp	E27	black
682019	1 x lamp	E27	white
692019	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
90750309	appropriate lamp	E27	
690010	appropriate sunk pedestal		



Wall lights
Pedestal lights
Bollard lights

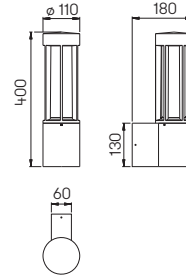
for LED-Retrofit resp. for additional reflector lamp PAR 16
cast aluminium, with mounting plate
opal glass



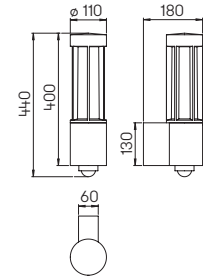
Recommended distance:
Pedestal and Bollard light 6 m



..0215



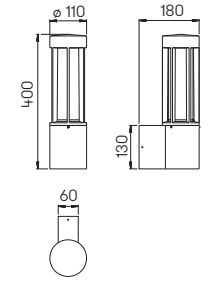
..0215



..0221



..0221

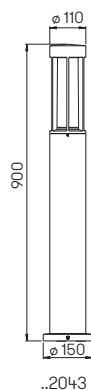
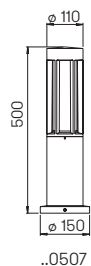


..0223



..0223

Art.-No.	Lamp	Lamp dimensions	Base	Colour
Wall lights				
660215	1 × lamp	max. ø 52 × 175 mm	E27	black
680215	1 × lamp	max. ø 52 × 175 mm	E27	white
690215	1 × lamp	max. ø 52 × 175 mm	E27	silver
90750309	appropriate lamp		E27	
..1006	appropriate corner plate			
Wall lights with movement detector				
660221	1 × lamp	max. ø 52 × 175 mm	E27	black
680221	1 × lamp	max. ø 52 × 175 mm	E27	white
690221	1 × lamp	max. ø 52 × 175 mm	E27	silver
90750309	appropriate lamp		E27	
..1006	appropriate corner plate			
Wall lights with additional downlight PAR 16				
660223	1 × lamp	max. ø 52 × 175 mm	E27	black
	1 × lamp PAR 16	max. ø 50 × 56 mm	GU10	
90750104	appropriate lamp		GU10	
90750105	appropriate lamp		GU10	
90750309	appropriate lamp		E27	
680223	1 × lamp	max. ø 52 × 175 mm	E27	white
	1 × lamp PAR 16	max. ø 50 × 56 mm	GU10	
90750104	appropriate lamp		GU10	
90750105	appropriate lamp		GU10	
90750309	appropriate lamp		E27	
690223	1 × lamp	max. ø 52 × 175 mm	E27	silver
	1 × lamp PAR 16	max. ø 50 × 56 mm	GU10	
90750104	appropriate lamp		GU10	
90750105	appropriate lamp		GU10	
90750309	appropriate lamp		E27	
..1006	appropriate corner plate			



Art.-No.	Lamp	Lamp dimensions	Base	Colour
Pedestal lights				
660507	1 × lamp	max. ø 52 × 175 mm	E27	black
680507	1 × lamp	max. ø 52 × 175 mm	E27	white
690507	1 × lamp	max. ø 52 × 175 mm	E27	silver
90750309	appropriate lamp		E27	
690010	appropriate sunk pedestal			
Bollard lights				
662043	1 × lamp	max. ø 52 × 175 mm	E27	black
682043	1 × lamp	max. ø 52 × 175 mm	E27	white
692043	1 × lamp	max. ø 52 × 175 mm	E27	silver
90750309	appropriate lamp		E27	
690010	appropriate sunk pedestal			

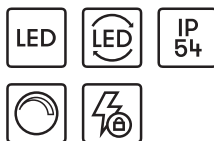


Das neue Hotel am Park, Fröndenberg

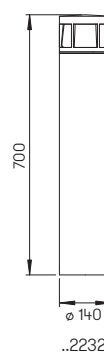
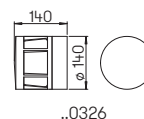


**Wall, Ceiling,
Pedestal lights
Bollard lights**

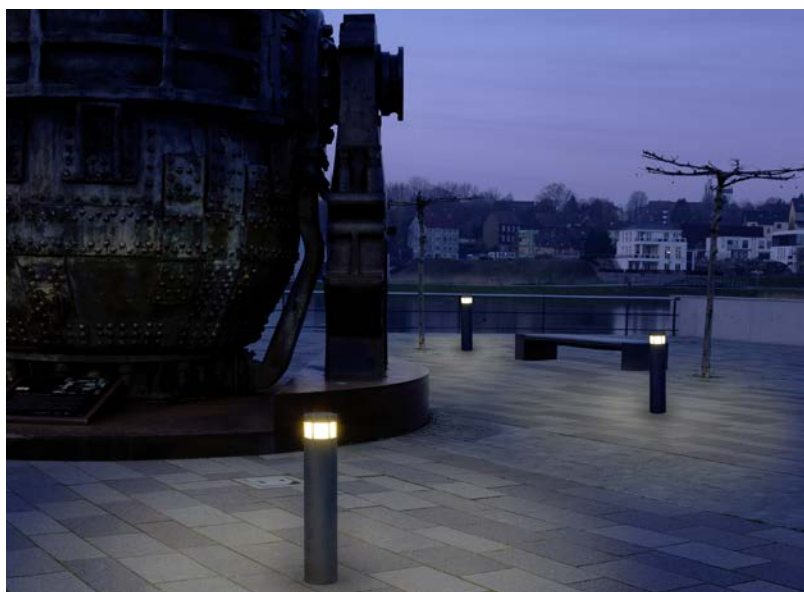
with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
opal glass



**Recommended distance:
Bollard light 6 m**



Art.-No.	Lamp	Luminous flux	Colour
Wall, Ceiling, Pedestal lights			
620326	1 x LED 10 W	900 lm	anthracite
660326	1 x LED 10 W	900 lm	black
680326	1 x LED 10 W	900 lm	white
690326	1 x LED 10 W	900 lm	silver
Bollard lights			
622232	1 x LED 10 W	900 lm	anthracite
662232	1 x LED 10 W	900 lm	black
682232	1 x LED 10 W	900 lm	white
692232	1 x LED 10 W	900 lm	silver
690010	appropriate sunk pedestal		





Wall and Bollard lights

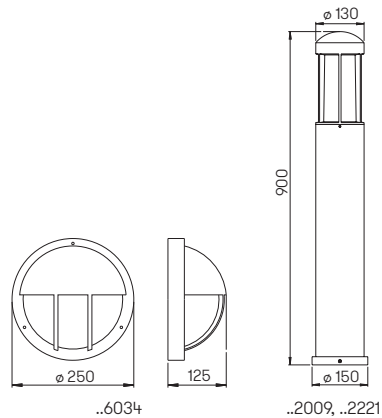
for standard lamps, cast aluminium with mounting plate, opal glass



Recommended distance:
Bollard light 6 m



Wall light available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



Art.-No.	Lamp	Base	Colour
Wall lights			
666034	1 × lamp	E27	black
686034	1 × lamp	E27	white
90750100	appropriate lamp	E27	
Bollard lights			
662221	1 × lamp	E27	black
682221	1 × lamp	E27	white
692221	1 × lamp	E27	silver
90750100	appropriate lamp	E27	
90750309	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Bollard lights with movement detector			
662009	1 × lamp	E27	black
682009	1 × lamp	E27	white
692009	1 × lamp	E27	silver
90750100	appropriate lamp	E27	
90750309	appropriate lamp	E27	
690010	appropriate sunk pedestal		





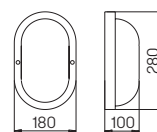
Wall and Ceiling lights



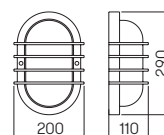
for standard lamps, cast aluminium with mounting plate, opal glass



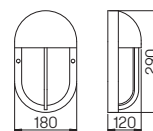
Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



..6037



..6046



..6031



Art.-No.	Lamp	Base	Colour
Wall and ceiling lights			
666037	1 × lamp	E27	black
686037	1 × lamp	E27	white
90750100	appropriate lamp	E27	
Wall and ceiling lights			
666046	1 × lamp	E27	black
686046	1 × lamp	E27	white
90750100	appropriate lamp	E27	
Wall and ceiling lights			
666031	1 × lamp	E27	black
686031	1 × lamp	E27	white
90750100	appropriate lamp	E27	

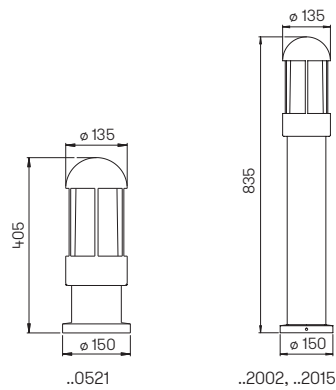


Pedestal and Bollard lights

for standard lamps, cast aluminium with mounting plate, opal glass



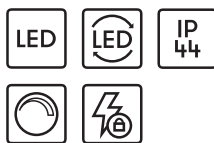
Recommended distance:
Pedestal and Bollard light 5 m



Art.-No.	Lamp	Base	Colour
Pedestal lights			
660521	1 x lamp	E27	black
680521	1 x lamp	E27	white
690521	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
90750309	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Bollard lights			
662015	1 x lamp	E27	black
682015	1 x lamp	E27	white
692015	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
90750309	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Bollard lights with movement detector			
662002	1 x lamp	E27	black
682002	1 x lamp	E27	white
692002	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
90750309	appropriate lamp	E27	
690010	appropriate sunk pedestal		

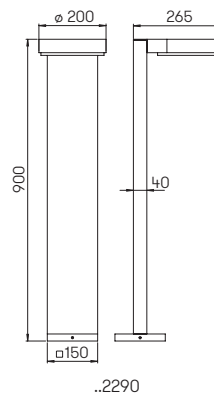
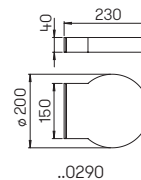


**Wall- and
Bollard lights**



with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
acrylic glass satiné

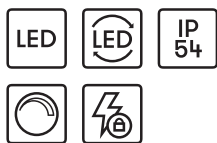
**Recommended distance:
Bollard light 6 m**



Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620290	1 x LED 16 W	1600 lm	anthracite
660290	1 x LED 16 W	1600 lm	black
680290	1 x LED 16 W	1600 lm	white
690290	1 x LED 16 W	1600 lm	silver
Bollard lights			
622290	1 x LED 16 W	1600 lm	anthracite
662290	1 x LED 16 W	1600 lm	black
682290	1 x LED 16 W	1600 lm	white
692290	1 x LED 16 W	1600 lm	silver
690010	appropriate sunk pedestal		

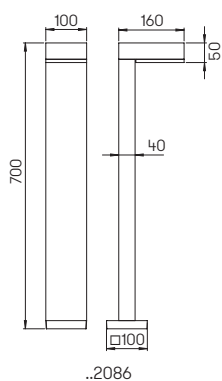


Wall- and Path lights



with removable LED components and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, acrylic glass satiné

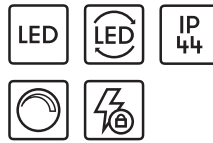
Recommended distance:
Bollard light 5 m



Art.-No.	Lamp	Luminous flux	Colour
Path lights			
622086	1 x LED 10 W	900 lm	anthracite
662086	1 x LED 10 W	900 lm	black
682086	1 x LED 10 W	900 lm	white
692086	1 x LED 10 W	900 lm	silver
690010	appropriate sunk pedestal		

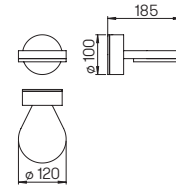
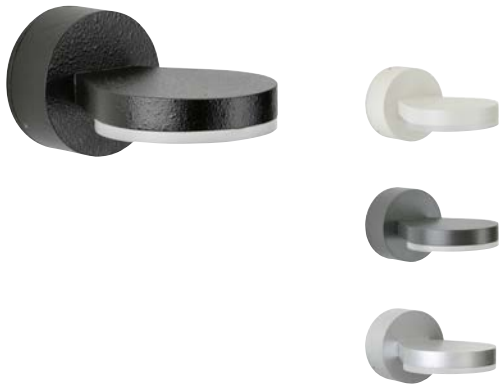


Wall- and Path lights

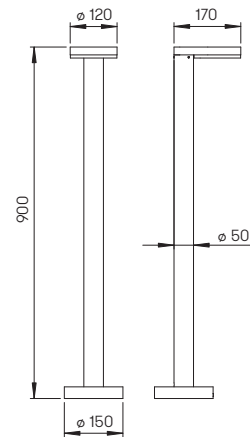


with removable LED components and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
acrylic glass satiné, clear safety glass

Recommended distance:
Bollard light 5 m



..0230

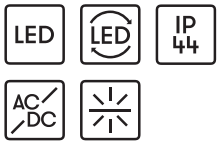


..2230



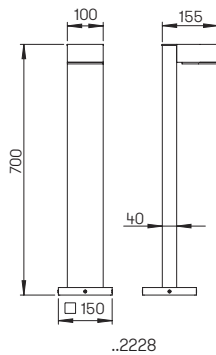
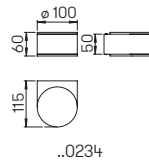
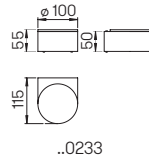
Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620230	1 x LED 5 W	480 lm	anthracite
660230	1 x LED 5 W	480 lm	black
680230	1 x LED 5 W	480 lm	white
690230	1 x LED 5 W	480 lm	silver
Path lights			
622230	1 x LED 10 W	900 lm	anthracite
662230	1 x LED 10 W	900 lm	black
682230	1 x LED 10 W	900 lm	white
692230	1 x LED 10 W	900 lm	silver
690010	appropriate sunk pedestal		

Wall- and Path lights



with removable LED components
 lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 with one- resp. two-sided light output
 cast aluminium, with mounting plate
 satiné safety glass

Recommended distance:
 Bollard light 4 m

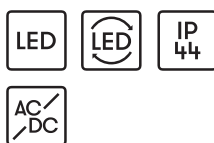


Art.-No.	Lamp	Luminous flux	Colour
Wall lights with one-sided light output			
620233	1x LED 3 W	330 lm	anthracite
660233	1x LED 3 W	330 lm	black
680233	1x LED 3 W	330 lm	white
690233	1x LED 3 W	330 lm	silver
Wall lights with double-sided light output			
620234	2x LED 3 W	each 330 lm	anthracite
660234	2x LED 3 W	each 330 lm	black
680234	2x LED 3 W	each 330 lm	white
690234	2x LED 3 W	each 330 lm	silver
Path lights			
622228	1x LED 3 W	330 lm	anthracite
662228	1x LED 3 W	330 lm	black
682228	1x LED 3 W	330 lm	white
692228	1x LED 3 W	330 lm	silver
690010	appropriate sunk pedestal		



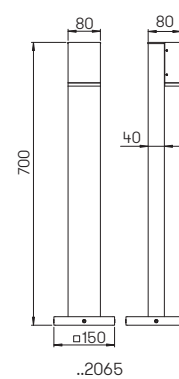
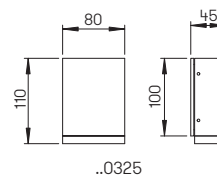


Wall- and Path lights



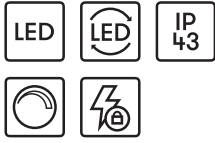
with removable LED components
lightcolour warmwhite, 3000 K
with integrated converter AC/DC
cast aluminium, with mounting plate
acrylic glass satiné, clear safety glass

Recommended distance:
Bollard light 5 m

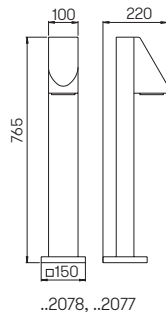
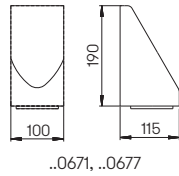


Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620325	1 x LED 3 W	330 lm	anthracite
660325	1 x LED 3 W	330 lm	black
680325	1 x LED 3 W	330 lm	white
690325	1 x LED 3 W	330 lm	silver
Path lights			
622065	1 x LED 3 W	330 lm	anthracite
662065	1 x LED 3 W	330 lm	black
682065	1 x LED 3 W	330 lm	white
692065	1 x LED 3 W	330 lm	silver
690010	appropriate sunk pedestal		

Wall- and
Bollard lights



with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K resp.
for pressed glass reflector lamp PAR 16
cast aluminium with mounting plate
clear bubble glass



Art.-No.	Lamp	Luminous flux	Colour
Wall lights with LED			
660671	1 x LED 10 W	900 lm	black
680671	1 x LED 10 W	900 lm	white
690671	1 x LED 10 W	900 lm	silver
Bollard lights with LED			
662078	1 x LED 10 W	900 lm	black
682078	1 x LED 10 W	900 lm	white
692078	1 x LED 10 W	900 lm	silver
690010	appropriate sunk pedestal		

Art.-No.	Lamp	Lamp dimensions	Base	Colour
Wall lights for PAR 16				
660677	1 x lamp PAR 16	max. ø 60 x 54 mm	GU10	black
680677	1 x lamp PAR 16	max. ø 60 x 54 mm	GU10	white
690677	1 x lamp PAR 16	max. ø 60 x 54 mm	GU10	silver
90750105	appropriate lamp		GU10	
Bollard lights for PAR 16				
662077	1 x lamp PAR 16	max. ø 60 x 54 mm	GU10	black
682077	1 x lamp PAR 16	max. ø 60 x 54 mm	GU10	white
692077	1 x lamp PAR 16	max. ø 60 x 54 mm	GU10	silver
90750105	appropriate lamp		GU10	
690010	appropriate sunk pedestal			



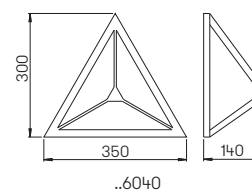
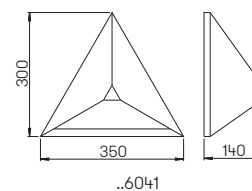
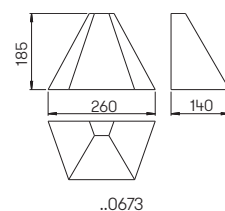
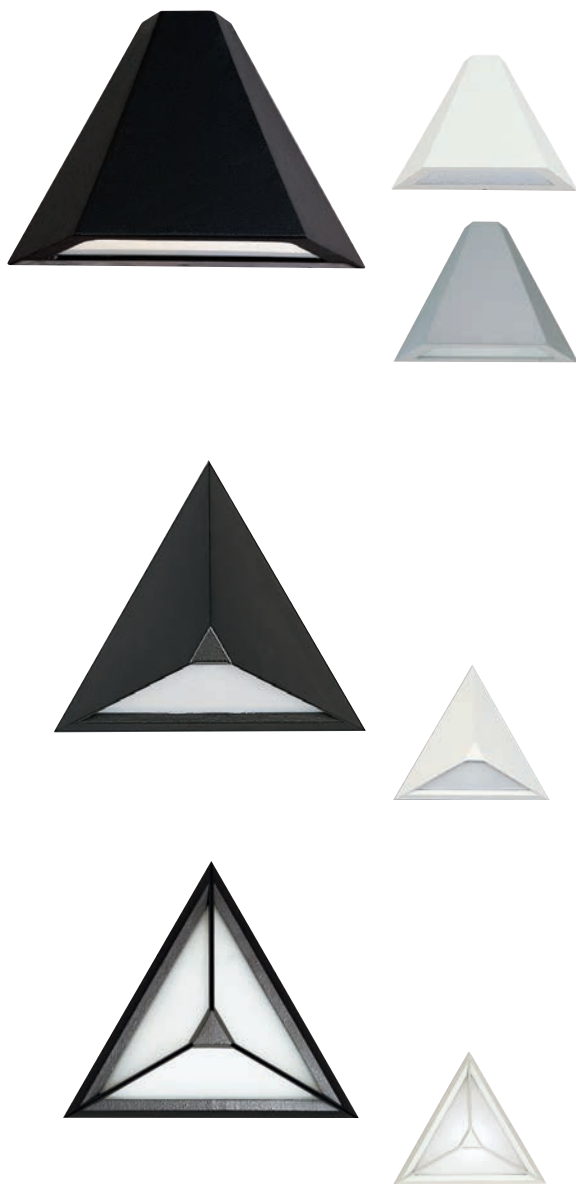
Wall lights



for standard lamps, cast aluminium with mounting plate, satinised glass (..0673) resp. opal glass (..6040, ..6041)

LED

Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



Art.-No.	Lamp	Base	Colour
Wall lights			
660673	1 × lamp	E27	black
680673	1 × lamp	E27	white
690673	1 × lamp	E27	silver
90750100	appropriate lamp	E27	



Art.-No.	Lamp	Base	Colour
Wall lights			
666041	1 × lamp	E27	black
686041	1 × lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
Wall lights			
666040	1 × lamp	E27	black
686040	1 × lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	

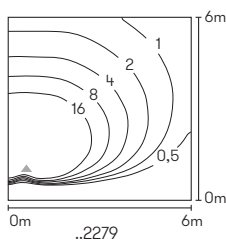
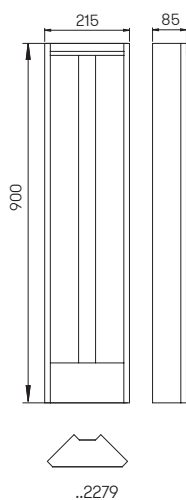
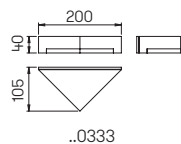


Wall- and
Bollard lights



with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
acrylic glass opal

Recommended distance:
Bollard light 5 m



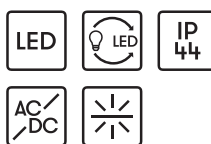
Art.-No.	Lamp	Luminous flux	Colour
Wall lights			
620333	1x LED 5 W	480 lm	anthracite
660333	1x LED 5 W	480 lm	black
680333	1x LED 5 W	480 lm	white
690333	1x LED 5 W	480 lm	silver
Bollard lights			
622279	1x LED 10 W	900 lm	anthracite
662279	1x LED 10 W	900 lm	black
682279	1x LED 10 W	900 lm	white
692279	1x LED 10 W	900 lm	silver





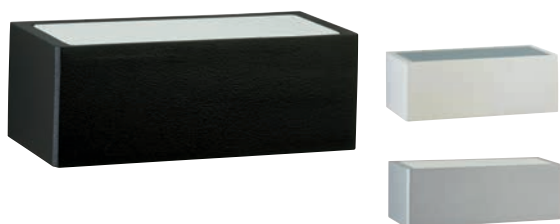
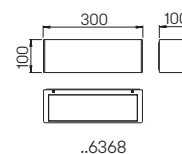
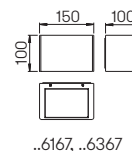
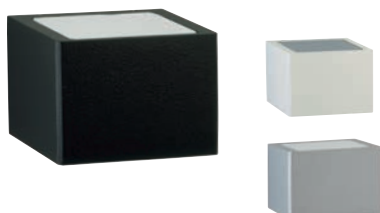
Wall lights

with double-sided
light output



with removable LED components
lightcolour warmwhite, 3000 K
with integrated converter AC/DC
resp. for lamps QT 14
cast aluminium, with mounting plate
opal glass

Available on request with one-sided
light output.

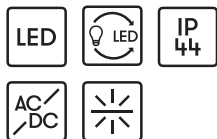


Art.-No.	Lamp	Base	Colour
Wall lights			
666167	1 x lamp	G9	black
686167	1 x lamp	G9	white
696167	1 x lamp	G9	silver
90750103	appropriate lamp	G9	

Art.-No.	Lamp	Luminous flux	Colour
Wall lights with LED			
666367	2 x LED 5,8 W	each 430 lm	black
686367	2 x LED 5,8 W	each 430 lm	white
696367	2 x LED 5,8 W	each 430 lm	silver
Wall lights with LED			
666368	2 x LED 7,8 W	each 580 lm	black
686368	2 x LED 7,8 W	each 580 lm	white
696368	2 x LED 7,8 W	each 580 lm	silver

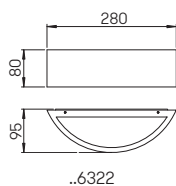
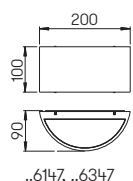
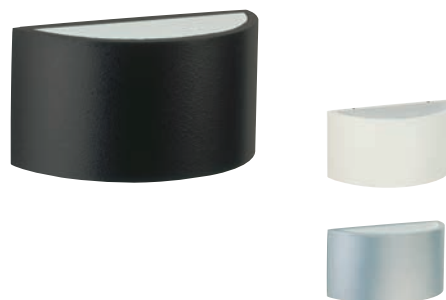
Wall lights

with double-sided
light output



with removable LED components
lightcolour warmwhite, 3000 K
with integrated converter AC/DC resp.
for lamps QT 14
cast aluminium, with mounting plate
opal glass

Available on request with one-sided
light output.



Art.-No.	Lamp	Base	Colour
Wall lights			
666147	1 x lamp	G9	black
686147	1 x lamp	G9	white
696147	1 x lamp	G9	silver
90750103	appropriate lamp	G9	

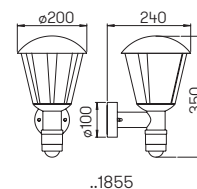
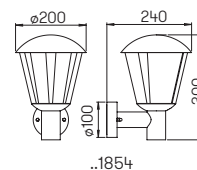
Art.-No.	Lamp	Luminous flux	Colour
Wall lights with LED			
666347	2 x LED 5,8 W	each 430 lm	black
686347	2 x LED 5,8 W	each 430 lm	white
696347	2 x LED 5,8 W	each 430 lm	silver
Wall lights with LED			
666322	2 x LED 7,8 W	each 580 lm	black
686322	2 x LED 7,8 W	each 580 lm	white
696322	2 x LED 7,8 W	each 580 lm	silver



Wall lights



for standard lamps
cast aluminium, with mounting plate
clear acrylic glass



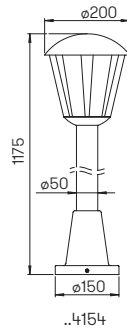
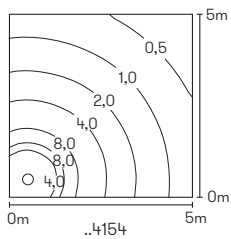
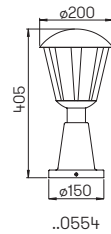
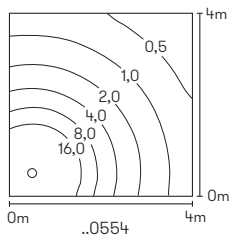
Art.-No.	Lamp	Base	Colour
Wall lights			
621854	1 x lamp	E27	anthracite
661854	1 x lamp	E27	black
681854	1 x lamp	E27	white
691854	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1005	appropriate corner plate		
Wall lights with movement detector			
621855	1 x lamp	E27	anthracite
661855	1 x lamp	E27	black
681855	1 x lamp	E27	white
691855	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1005	appropriate corner plate		

Pedestal and Path light



for standard lamps
cast aluminium, with mounting plate
clear acrylic glass

**Recommended distance:
Pedestal and Path light 5 m**

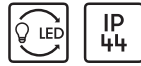


Art.-No.	Lamp	Base	Colour
Pedestal lights			
620554	1x lamp	E27	anthracite
660554	1x lamp	E27	black
680554	1x lamp	E27	white
690554	1x lamp	E27	silver
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Path lights			
624154	1x lamp	E27	anthracite
664154	1x lamp	E27	black
684154	1x lamp	E27	white
694154	1x lamp	E27	silver
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690010	appropriate sunk pedestal		





Wall lights
Path lights
Pole lights

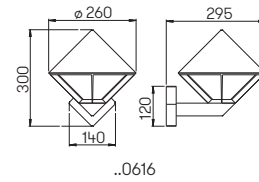


for standard lamps, cast aluminium with mounting plate (except ..2032, ..2052), pole light with pole, opal glass

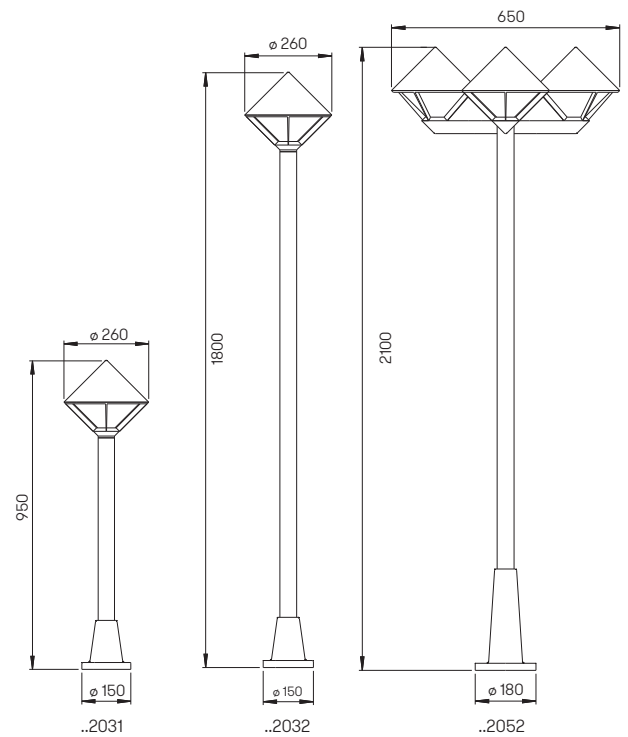
Recommended distance:

Path light 5 m

Pole light 15 m



..0616



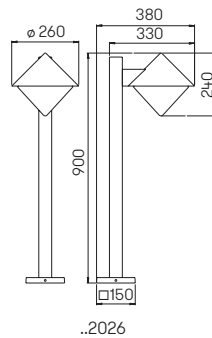
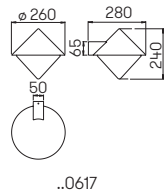
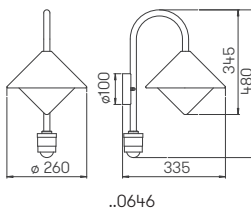
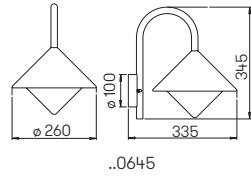
Art.-No.	Lamp	Base	Colour
Wall lights			
660616	1 x lamp	E27	black
680616	1 x lamp	E27	white
90750100	appropriate lamp	E27	
Path lights			
662031	1 x lamp	E27	black
682031	1 x lamp	E27	white
90750100	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Pole lights 1-unit			
662032	1 x lamp	E27	black
682032	1 x lamp	E27	white
90750100	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Pole lights 3-units (not illustrated)			
662052	3 x lamp	E27	black
682052	3 x lamp	E27	white
90750100	appropriate lamp	E27	
690011	appropriate sunk pedestal		

Wall- and Path lights



for standard lamps, cast aluminium with mounting plate, opal glass

Recommended distance:
Path light 5 m



Art.-No.	Lamp	Base	Colour
Wall lights			
660645	1 × lamp	E27	black
680645	1 × lamp	E27	white
690645	1 × lamp	E27	silver
90750100	appropriate lamp	E27	
.. 1005	appropriate corner plate		
Wall lights with movement detector			
660646	1 × lamp	E27	black
680646	1 × lamp	E27	white
690646	1 × lamp	E27	silver
90750100	appropriate lamp	E27	
.. 1005	appropriate corner plate		
Wall lights			
660617	1 × lamp	E27	black
680617	1 × lamp	E27	white
690617	1 × lamp	E27	silver
90750100	appropriate lamp	E27	
Path lights			
662026	1 × lamp	E27	black
682026	1 × lamp	E27	white
692026	1 × lamp	E27	silver
90750100	appropriate lamp	E27	
690010	appropriate sunk pedestal		



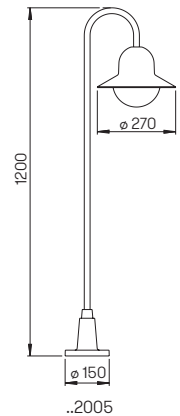
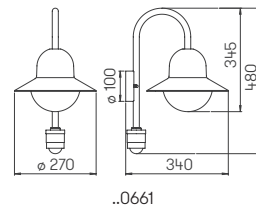
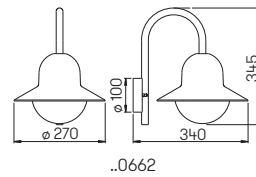


Wall- and Path lights

for standard lamps, cast aluminium with mounting plate (except ..2005) opal glass



Recommended distance:
Path light 5 m



Art.-No.	Lamp	Base	Colour
Wall lights			
660662	1 x lamp	E27	black
680662	1 x lamp	E27	white
690662	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
..1005	appropriate corner plate		
Wall lights with movement detector			
660661	1 x lamp	E27	black
680661	1 x lamp	E27	white
690661	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
..1005	appropriate corner plate		
Path lights			
662005	1 x lamp	E27	black
682005	1 x lamp	E27	white
692005	1 x lamp	E27	silver
90750100	appropriate lamp	E27	
690010	appropriate sunk pedestal		

Wall lights
Path lights
Pole lights

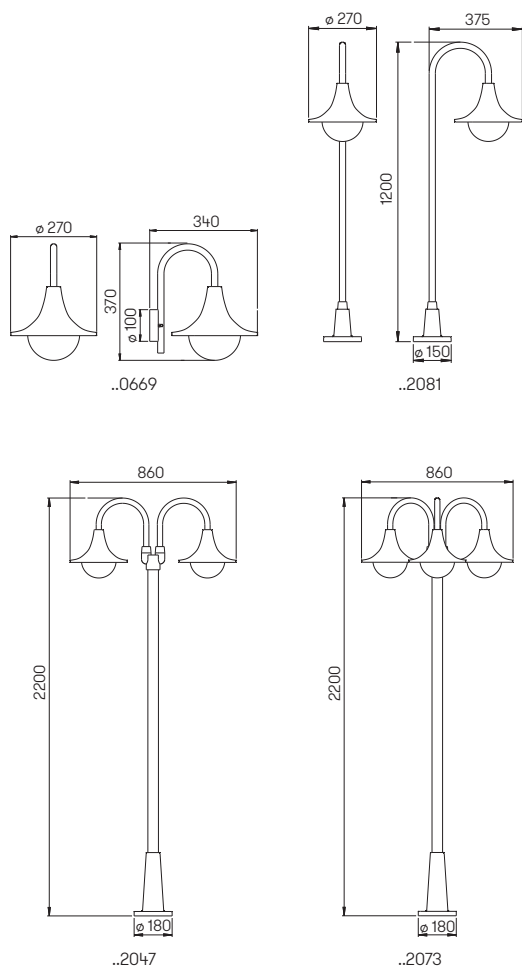


for standard lamps
cast aluminium, with mounting plate
(only ..0669), pole light with pole
opal glass

Recommended distance:

Path light 5 m

Pole light 15 m



Art.-No.	Lamp	Base	Colour
Wall lights			
660669	1 × lamp	E27	black
680669	1 × lamp	E27	white
90750100	appropriate lamp	E27	
.. 1005	appropriate corner plate		
Path lights			
662081	1 × lamp	E27	black
682081	1 × lamp	E27	white
90750100	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Pole lights 2-units			
662047	2 × lamp	E27	black
682047	2 × lamp	E27	white
90750100	appropriate lamp	E27	
690011	appropriate sunk pedestal		
Pole lights 3-units (not illustrated)			
662073	3 × lamp	E27	black
682073	3 × lamp	E27	white
90750100	appropriate lamp	E27	
690011	appropriate sunk pedestal		

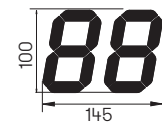
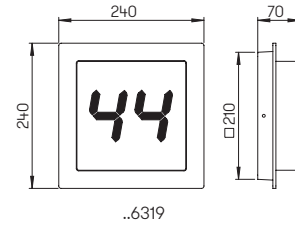




House number lights



with removable LED components, lightcolour warmwhite, 3000 K cast aluminium, opal glass with adhesive lettering foil, segments for up to 2 letters, font: Digital, lettering height 100 mm



Adhesive film for ..6319 included



Art.-No.	Lamp	Luminous flux	Colour
House number lights 1-2 numbers			
666319	1 x LED 5 W	480 lm	black
686319	1 x LED 5 W	480 lm	white
696319	1 x LED 5 W	480 lm	silver

Adhesive lettering foil

for House number lights, lettering height 100 mm

For the order please mention the house number.



Font: Helvetica



Font: Digital



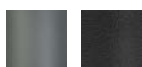
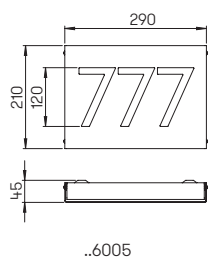
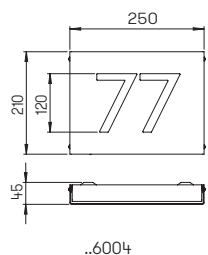
Art.-No.	Number	Font	Colour
Adhesive letter resp. segments			
660034	1	Helvetica	black
660044	2	Digital	black

House number lights



with integrated twilight switch and removable LED components
lightcolour warmwhite, 3000 K
stainless steel painted
customized laser-made
lettering height: 120 mm

For the order please mention the house number.



Art.-No.	Lamp	Luminous flux	Colour
1-2 numbers			
626004	1x LED 2,0 W	120 lm	anthracite
666004	1x LED 2,0 W	120 lm	black
2-3 numbers			
626005	1x LED 2,0 W	120 lm	anthracite
666005	1x LED 2,0 W	120 lm	black

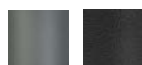
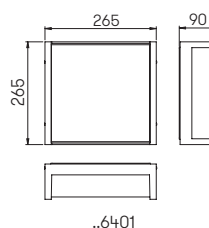
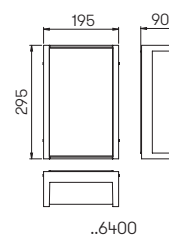


Wall- and Ceiling lights

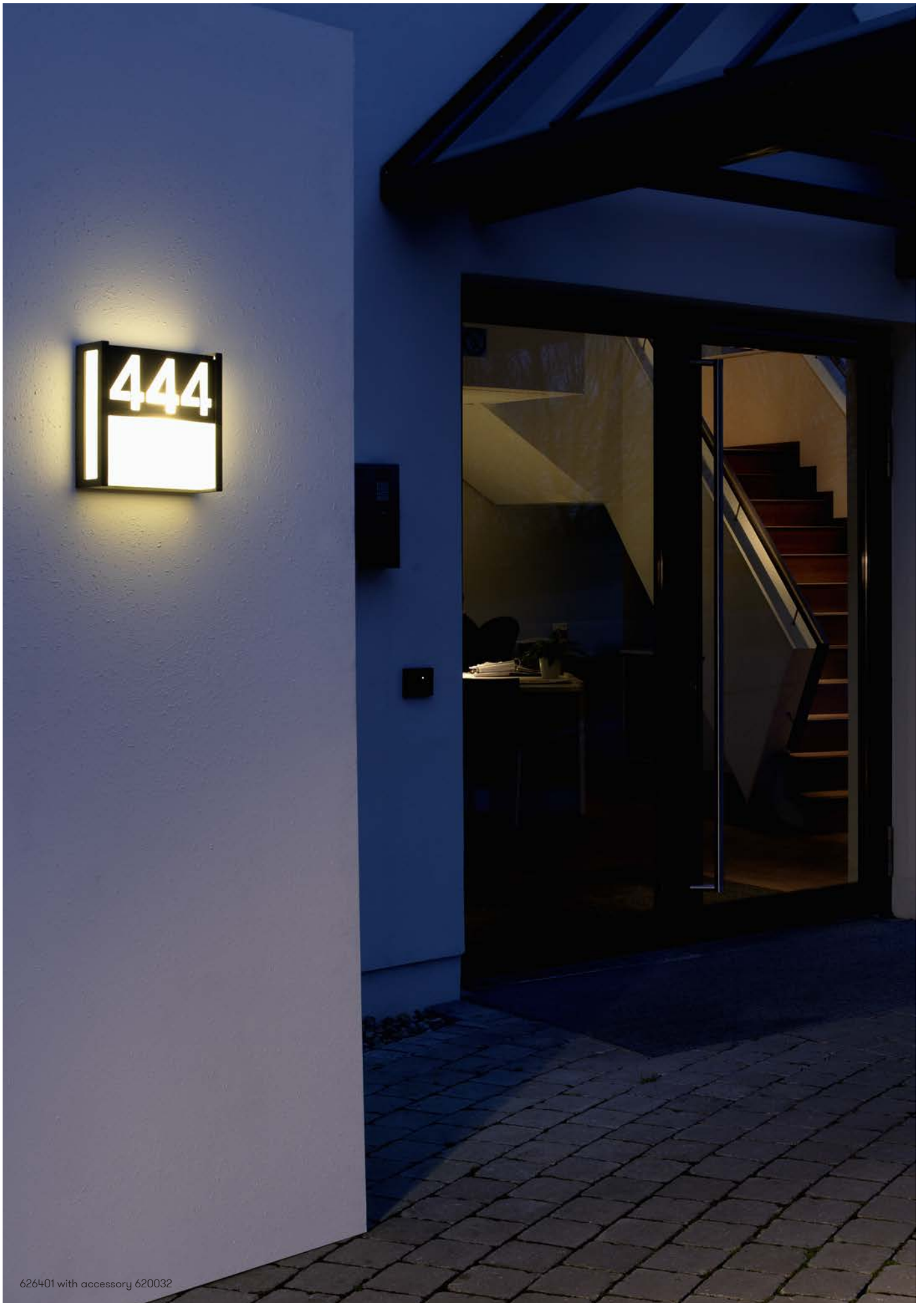


with removable LED components and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium, with mounting plate
opal glass, lettering height: 95 mm

House number accessory:
inlay made out of aluminium,
customized laser-made



Art.-No.	Lamp	Luminous flux	Colour
Wall and ceiling lights			
626400	1 x LED 10 W	900 lm	anthracite
666400	1 x LED 10 W	900 lm	black
House number accessory 1-2 numbers			
620031			anthracite
660031			black
Wall and ceiling lights			
626401	1 x LED 10 W	900 lm	anthracite
666401	1 x LED 10 W	900 lm	black
House number accessory 1-3 numbers			
620032			anthracite
660032			black



626401 with accessory 620032





p. 123



p. 124



p. 124



p. 124



p. 125



p. 125



p. 126



p. 126



p. 126



p. 127



p. 127



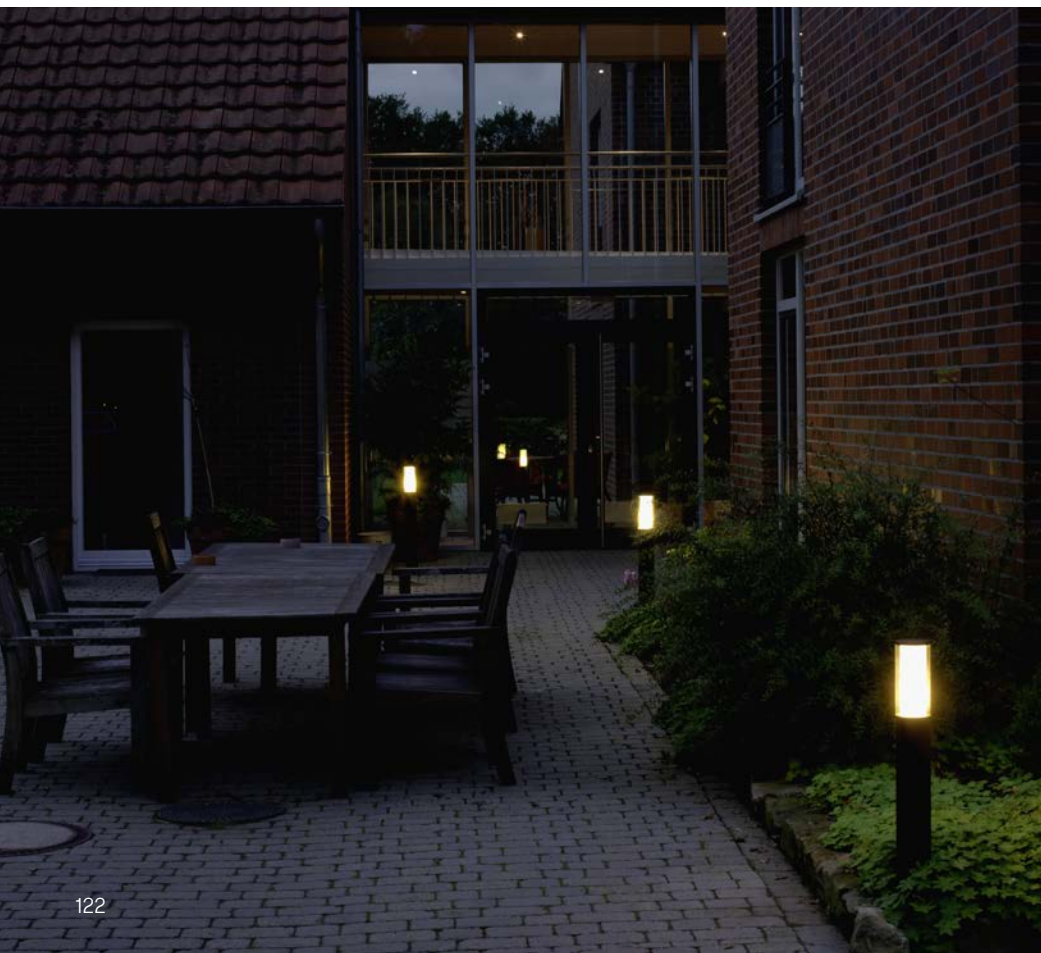
p. 127



p. 127



Bicolour lights

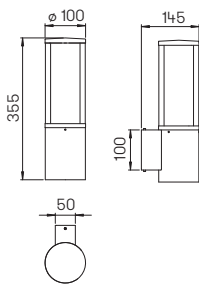


Wall lights
Pedestal light
Bollard lights

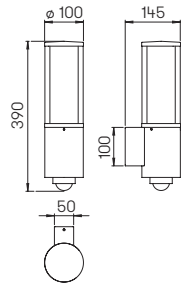


for LED-Retrofit resp. for additional reflector lamp PAR 16
stainless steel with colour: anthracite
with mounting plate,
clear acrylic and opal glass

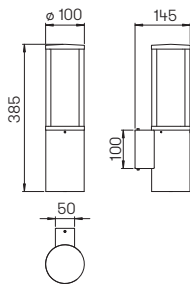
Recommended distance:
Bollard light 6 m



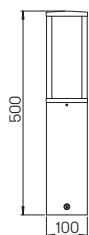
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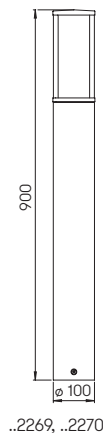
..0320



..0321



..0545



..2269, ..2270



..0311



..0320



..0321



..0545

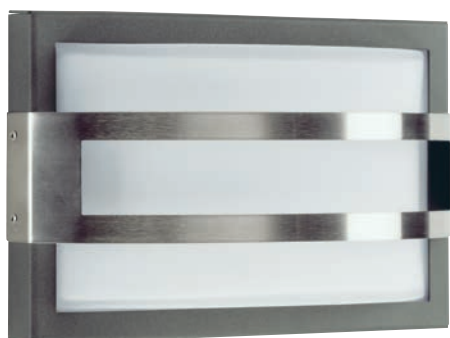


..2269



..2070

Art.-No.	Lamp	Lamp dimensions	Base	Material / Colour
Wall light				
620311	1 x lamp	max. ϕ 52 x 175 mm	E27	StSt / anthracite
90750309	appropriate lamp		E27	
621002	appropriate corner plate			
Wall light with movement detector				
620320	1 x lamp	max. ϕ 52 x 175 mm	E27	StSt / anthracite
90750309	appropriate lamp		E27	
621002	appropriate corner plate			
Wall light with additional downlight PAR 16				
620321	1 x lamp	max. ϕ 52 x 175 mm	E27	StSt / anthracite
	1 x lamp PAR 16	max. ϕ 50 x 56 mm	GU10	
90750105	appropriate lamp		GU10	
90750309	appropriate lamp		E27	
621002	appropriate corner plate			
Pedestal light				
620545	1 x lamp	max. ϕ 52 x 175 mm	E27	StSt / anthracite
90750309	appropriate lamp		E27	
690010	appropriate sunk pedestal			
Bollard light				
622269	1 x lamp	max. ϕ 52 x 175 mm	E27	StSt / anthracite
90750309	appropriate lamp		E27	
690010	appropriate sunk pedestal			
Bollard light with movement detector				
622070	1 x lamp	max. ϕ 52 x 175 mm	E27	StSt / anthracite
90750309	appropriate lamp		E27	
690010	appropriate sunk pedestal			



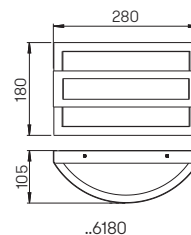
Wall light



for standard lamps
stainless steel with colour: anthracite
with mounting plate made out of cast aluminium opal glass



Available on request with LED 10 W
(900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



Art.-No.	Lamp	Base	Material / Colour
Wall light			
626180	1 × lamp	E27	StSt / anthracite
90750100	appropriate lamp	E27	
90750102	appropriate lamp	E27	



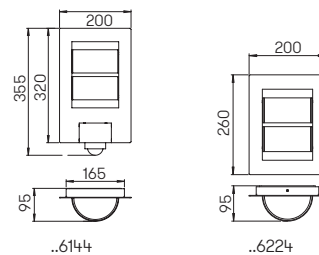
Wall lights



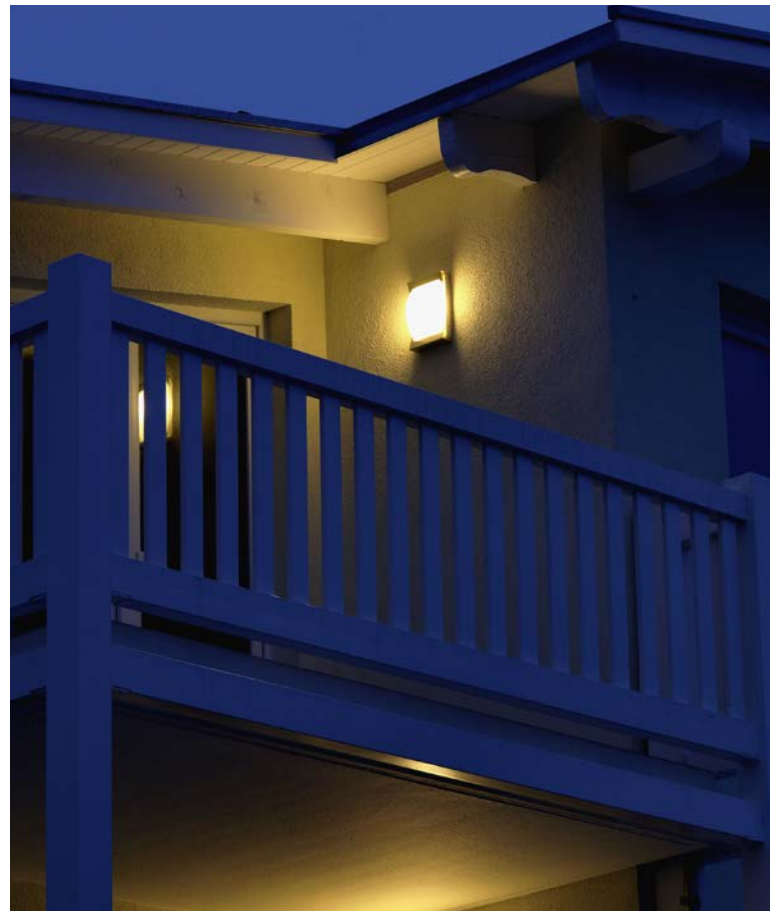
for standard lamps
stainless steel with colour: anthracite
with mounting plate made out of cast aluminium, opal glass



Available on request with LED 10 W
(900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



Art.-No.	Lamp	Base	Material / Colour
Wall light with movement detector			
626144	1 × lamp	E27	StSt / anthracite
90750100	appropriate lamp	E27	
Wall light			
626224	1 × lamp	E27	StSt / anthracite
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	



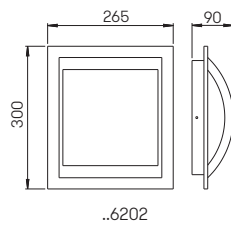
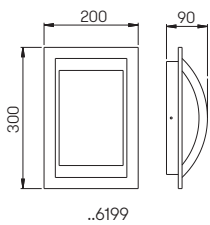
Wall lights



for standard lamps, cast aluminium with mounting plate, opal glass



Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



Art.-No.	Lamp	Base	Colour
Wall lights			
626199	1 × lamp	E27	silver / anthracite
626202	1 × lamp	E27	silver / anthracite
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	



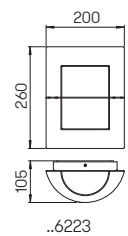
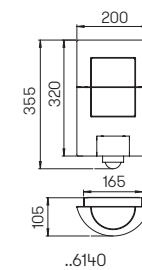
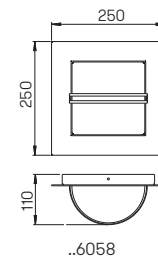
Wall lights



for standard lamps
stainless steel with colour: anthracite
with mounting plate made out of cast
aluminium, opal glass



Available on request with LED 10 W
(900 lm, 3000 K, warmwhite) for power
supply 230 V, 50 Hz.



Art.-No.	Lamp	Base	Material / Colour
Wall light			
626058	1 × lamp	E27	StSt / anthracite
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
Wall light with movement detector			
626140	1 × lamp	E27	StSt / anthracite
90750100	appropriate lamp	E27	
Wall light			
626223	1 × lamp	E27	StSt / anthracite
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	



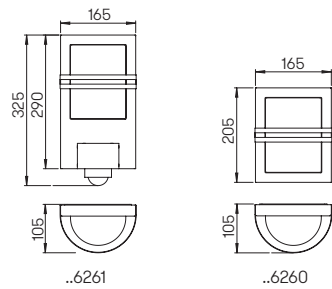
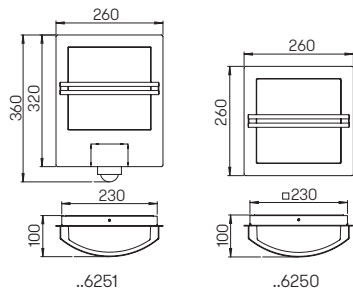
Wall lights



for standard lamps
stainless steel with colour: anthracite
with mounting plate made out of cast aluminium, opal glass



Available on request with LED 10 W
(900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



Art.-No.	Lamp	Base	Material / Colour
Wall light			
626250	1 × lamp	E27	StSt / anthracite
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
Wall light with movement detector			
626251	1 × lamp	E27	StSt / anthracite
90750100	appropriate lamp	E27	
Wall light			
626260	1 × lamp	E27	StSt / anthracite
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
Wall light with movement detector			
626261	1 × lamp	E27	StSt / anthracite
90750100	appropriate lamp	E27	

Stainless steel lights

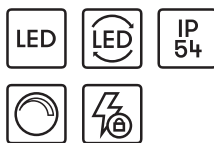




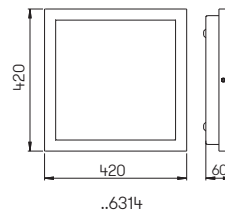
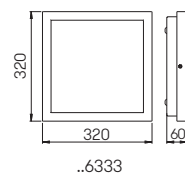
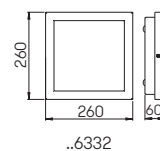
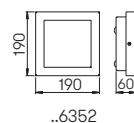
Stainless steel lights



Wall and Ceiling lights



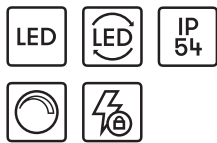
with removable LED components and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
stainless steel, with mounting plate
opal coated plane glass



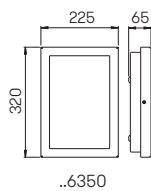
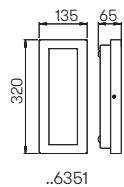
Art.-No.	Lamp	Luminous flux
Wall and Ceiling lights		
696352	1 × LED 8 W	880 lm
696332	1 × LED 16 W	1600 lm
696333	1 × LED 20 W	2200 lm
696314	1 × LED 36 W	3960 lm



Wall and Ceiling lights



with removable LED components and integrated overvoltage protection
 lightcolour warmwhite, 3000 K, dimmable
 stainless steel, with mounting plate
 opal coated plane glass

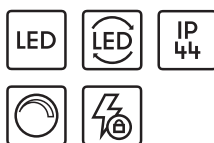


Art.-No.	Lamp	Luminous flux
Wall and Ceiling lights		
696351	1 x LED 16 W	1600 lm
696350	1 x LED 16 W	1600 lm

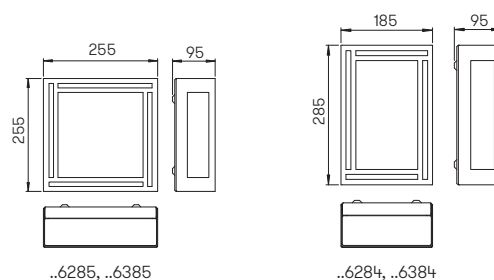




Wall and Ceiling lights



with removable LED components and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
resp. for standard lamps, stainless steel
with mounting plate, opal glass



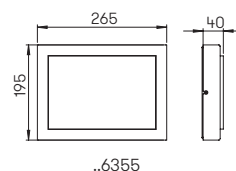
Art.-No.	Lamp	Luminous flux
Wall and Ceiling lights with LED		
696384	1 x LED 10 W	900 lm
696385	1 x LED 10 W	900 lm

Art.-No.	Lamp	Base
Wall and Ceiling lights		
696284	1 x lamp	E27
696285	1 x lamp	E27
90750100	appropriate lamp	E27

Wall and Ceiling lights



with removable LED components and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
stainless steel, with mounting plate
acrylic glass satiné, impact resistant



Art.-No.	Lamp	Luminous flux
Wall and Ceiling lights		
696355	1 x LED 16 W	1600 lm

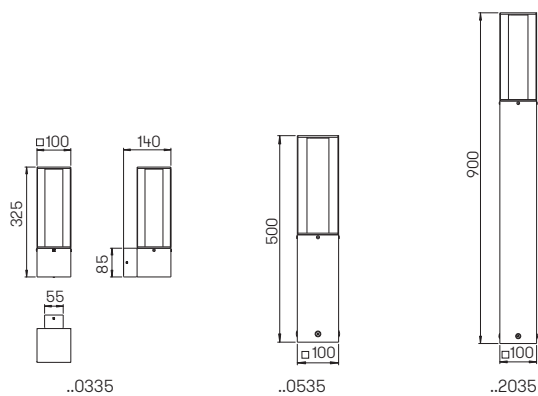


Wall light
Pedestal light
Bollard light

for LED-Retrofit, stainless steel
with mounting plate made out of cast
aluminium, opal glass



Recommended distance:
Pedestal and Bollard light 6 m



Art.-No.	Lamp	Lamp dimensions	Base
Wall light			
690335	1 × lamp	max. ø 52 × 175 mm	E27
90750309	appropriate lamp		E27
Pedestal light			
690535	1 × lamp	max. ø 52 × 175 mm	E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		
Bollard light			
692035	1 × lamp	max. ø 52 × 175 mm	E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		



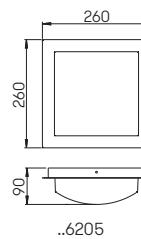
Wall- and Ceiling light



for standard lamps, stainless steel with mounting plate made out of cast aluminium opal glass

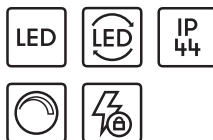


Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.

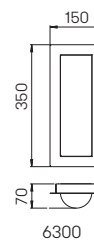


Art.-No.	Lamp	Base
Wall and ceiling light		
696205	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27

Wall and Ceiling light



with removable LED components and integrated overvoltage protection lightcolour warmwhite, 3000 K, dimmable stainless steel, with mounting plate, opal glass



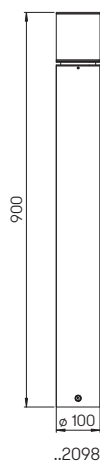
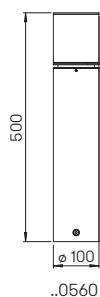
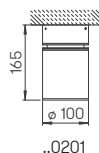
Art.-No.	Lamp	Luminous flux
Wall and ceiling light		
696300	1 x LED 16 W	1600 lm

Wall and Ceiling light
Pedestal and Bollard light



for LED-Retrofit, stainless steel with mounting plate made out of cast aluminium, acrylic glass opal

Recommended distance:
Pedestal and Bollard light 6 m



Art.-No.	Lamp	Lamp dimensions	Base
Wall and ceiling light			
690201	1 × lamp	max. ø 55 × 110 mm	E27
90750100	appropriate lamp		E27
Pedestal light			
690560	1 × lamp	max. ø 55 × 110 mm	E27
90750100	appropriate lamp		E27
690010	appropriate sunk pedestal		
Bollard light			
692098	1 × lamp	max. ø 55 × 110 mm	E27
90750100	appropriate lamp		E27
690010	appropriate sunk pedestal		



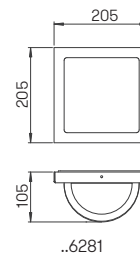
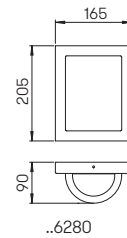
Wall and Ceiling lights



for standard lamps, stainless steel with mounting plate made out of cast aluminium opal glass



Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



Art.-No.	Lamp	Base
Wall and ceiling lights		
696280	1 × lamp	E27
696281	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27

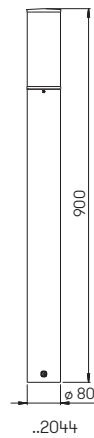
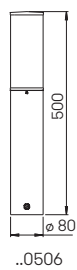
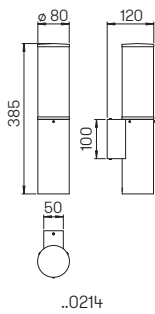


Wall light
Pedestal light
Bollard light



for LED-Retrofit, stainless steel
with mounting plate made out of cast
aluminium, white acrylic glass

Recommended distance:
Pedestal and Bollard light 6 m



Art.-No.	Lamp	Lamp dimensions	Base
Wall light			
690214	1 x lamp	max. \varnothing 52 x 175 mm	E27
90750309	appropriate lamp		E27
691000	appropriate corner plate		
Pedestal light			
690506	1 x lamp	max. \varnothing 52 x 175 mm	E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		
Bollard light			
692044	1 x lamp	max. \varnothing 52 x 175 mm	E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		





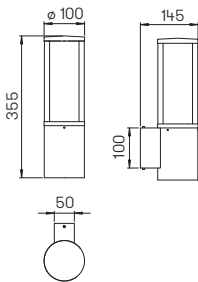
Reiterhof Dahlmann, Fröndenberg

Wall lights
Pedestal light
Bollard lights

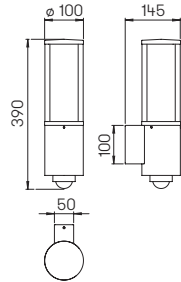


for LED-Retrofit resp. for additional reflector lamp PAR 16
stainless steel, with mounting plate
acrylic and opal glass

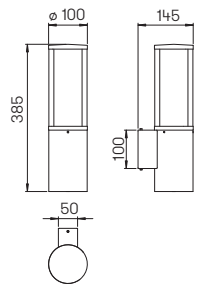
Recommended distance:
Pedestal and Bollard light 6 m



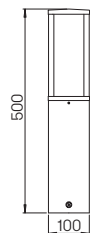
..0309



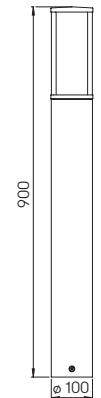
..0322



..0323



..0546



..2071, ..2272



..0309



..0322



..0323



..0546



..2272



..2071

Art.-No.	Lamp	Lamp dimensions	Base
Wall light			
690309	1 × lamp	max. ø 52 × 175 mm	E27
90750309	appropriate lamp		E27
691000	appropriate corner plate		
Wall light with movement detector			
690322	1 × lamp	max. ø 52 × 175 mm	E27
90750309	appropriate lamp		E27
691000	appropriate corner plate		
Wall light with additional downlight PAR 16			
690323	1 × lamp	max. ø 52 × 175 mm	E27
	1 × lamp PAR 16	max. ø 50 × 56 mm	GU10
90750104	appropriate lamp		GU10
90750105	appropriate lamp		GU10
90750309	appropriate lamp		E27
691000	appropriate corner plate		
Pedestal light			
690546	1 × lamp	max. ø 52 × 175 mm	E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		
Bollard light			
692272	1 × lamp	max. ø 52 × 175 mm	E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		
Bollard light with movement detector			
692071	1 × lamp	max. ø 52 × 175 mm	E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		



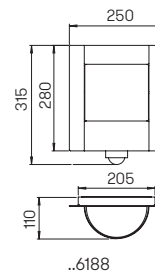
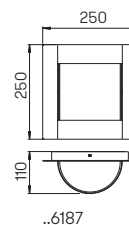
Wall and Ceiling lights



for standard lamps, stainless steel with mounting plate made out of cast aluminium opal glass



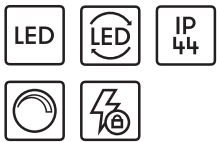
Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



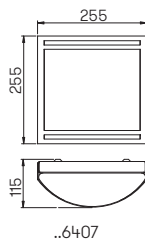
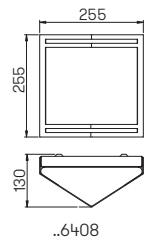
Art.-No.	Lamp	Base
Wall light		
696187	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27
Wall light with movement detector		
696188	1 × lamp	E27
90750100	appropriate lamp	E27



Wall and Ceiling lights



with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
stainless steel with mounting plate
opal glass



Art.-No.	Lamp	Luminous flux
Wall and ceiling lights		
696408	1x LED 10 W	900 lm
696407	1x LED 10 W	900 lm



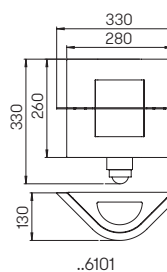
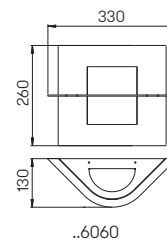
Wall lights



for standard lamps, stainless steel with mounting plate made out of cast aluminium opal glass



Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



Art.-No.	Lamp	Base
Wall light		
696060	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27
Wall light with movement detector		
696101	1 × lamp	E27
90750100	appropriate lamp	E27

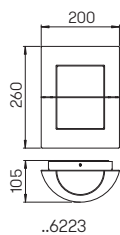
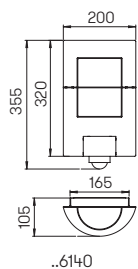
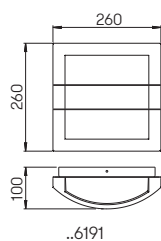
Wall and Ceiling lights



for standard lamps, stainless steel with mounting plate made out of cast aluminium, opal glass



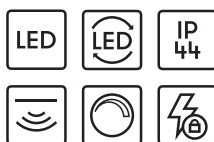
Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



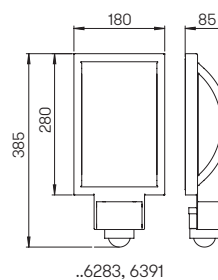
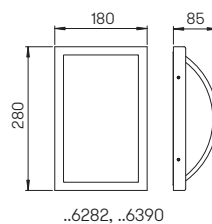
Art.-No.	Lamp	Base
Wall and ceiling light		
696191	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27
Wall light with movement detector		
696140	1 × lamp	E27
90750100	appropriate lamp	E27
Wall light		
696223	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27



Wall lights



with removable LED components and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable resp. for standard lamps,
stainless steel, with mounting plate made out of cast aluminium opal glass



Art.-No.	Lamp	Base
Wall light		
696282	1 x lamp	E27
90750100	appropriate lamp	E27
Wall light with movement detector		
696283	1 x lamp	E27
90750100	appropriate lamp	E27

Art.-No.	Lamp	Luminous flux
Wall light with LED		
696390	1 x LED 10 W	900 lm
Wall light with movement detector and LED		
696391	1 x LED 10 W	900 lm

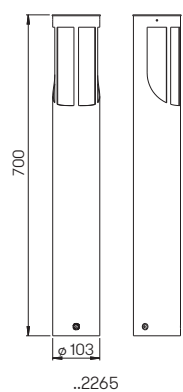
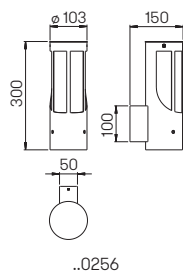


Wall- and
Bollard light

for standard lamps, stainless steel
with mounting plate, opal glass



Recommended distance:
Bollard light 6 m



Art.-No.	Lamp	Base
Wall light		
690256	1 × lamp	E27
90750100	appropriate lamp	E27
90750309	appropriate lamp	E27
691000	appropriate corner plate	
Bollard light		
692265	1 × lamp	E27
90750100	appropriate lamp	E27
90750309	appropriate lamp	E27
690010	appropriate sunk pedestal	



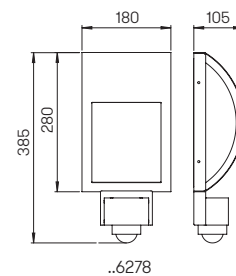
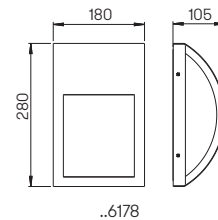
Wall lights



for standard lamps, stainless steel with mounting plate made out of cast aluminium, opal glass



Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



Art.-No.	Lamp	Base
Wall light		
696178	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27
Wall light with movement detector		
696278	1 × lamp	E27
90750100	appropriate lamp	E27

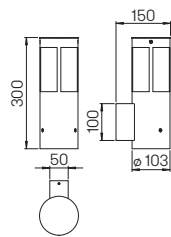


**Wall- and
Bollard light**

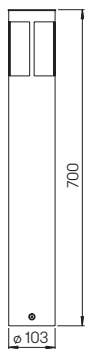
for standard lamps, stainless steel
with mounting plate, opal glass



Recommended distance:
Bollard light 6 m



..0324



..2264



Art.-No.	Lamp	Base
Wall light		
690324	1 × lamp	E27
90750100	appropriate lamp	E27
90750309	appropriate lamp	E27
691000	appropriate corner plate	
Bollard light		
692264	1 × lamp	E27
90750100	appropriate lamp	E27
90750309	appropriate lamp	E27
690010	appropriate sunk pedestal	

Wall lights
Pedestal light
Bollard lights

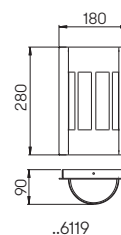
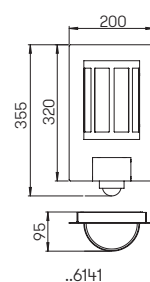


for standard lamps resp. for additional pressed glass reflector lamp PAR 20 stainless steel, with mounting plate made out of cast aluminium (only ..0505, ..2246, ..2011), opal glass

Recommended distance:
Pedestal and Bollard light 6 m

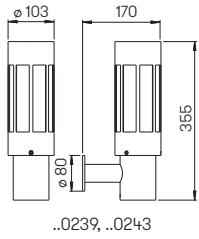


Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.

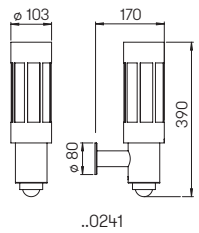


Art.-No.	Lamp	Base
Wall light with movement detector		
696141	1 × lamp	E27
90750100	appropriate lamp	E27
Wall light		
696119	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27

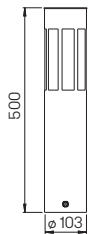




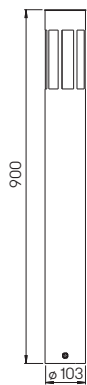
..0239, ..0243



..0241



..0505



..2011, ..2246



..0239

..0241

..0243



..0505

..2246

..2011

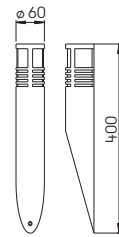
Art.-No.	Lamp	Lamp dimensions	Base
Wall light			
690239	1 x lamp	max. ϕ 60 x 175 mm	E27
90750100	appropriate lamp		E27
90750309	appropriate lamp		E27
691003	appropriate corner plate		
Wall light with movement detector			
690241	1 x lamp	max. ϕ 60 x 175 mm	E27
90750100	appropriate lamp		E27
90750309	appropriate lamp		E27
691003	appropriate corner plate		
Wall light with additional downlight PAR 20 50 W			
690243	1 x lamp	max. ϕ 60 x 175 mm	E27
	1 x lamp PAR 20	max. ϕ 64 x 90 mm	E27
90750100	appropriate lamp		E27
90750108	appropriate lamp		E27
90750309	appropriate lamp		E27
691003	appropriate corner plate		
Pedestal light			
690505	1 x lamp	max. ϕ 60 x 175 mm	E27
90750100	appropriate lamp		E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		
Bollard light			
692246	1 x lamp	max. ϕ 60 x 175 mm	E27
90750100	appropriate lamp		E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		
Bollard light with movement detector			
692011	1 x lamp	max. ϕ 60 x 175 mm	E27
90750100	appropriate lamp		E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		



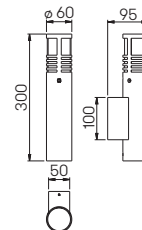


**Wall lights
Pedestal light
Bollard light**

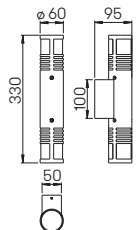
for lamps QT 14, stainless steel with mounting plate made out of cast aluminium, borosilicate glass



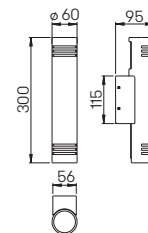
..0204



..0205



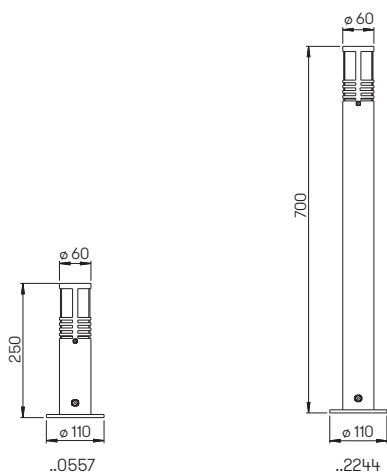
..0206



..0208



Recommended distance:
Pedestal and Bollard light 4 m



Art.-No.	Lamp	Base
Wall lights		
690204	1 × lamp QT 14	G9
90750103	appropriate lamp	G9
690205	1 × lamp QT 14	G9
90750103	appropriate lamp	G9
691000	appropriate corner plate	
690206	2 × lamp QT 14	G9
90750103	appropriate lamp	G9
691000	appropriate corner plate	
690208	2 × lamp QT 14	G9
90750103	appropriate lamp	G9
691000	appropriate corner plate	
Pedestal light		
690557	1 × lamp QT 14	G9
90750103	appropriate lamp	G9
690010	appropriate sunk pedestal	
Bollard light		
692244	1 × lamp QT 14	G9
90750103	appropriate lamp	G9
690010	appropriate sunk pedestal	



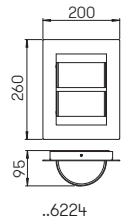
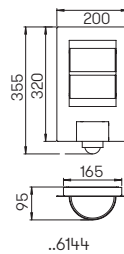
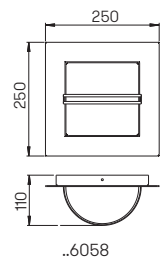
Wall lights



for standard lamps, stainless steel with mounting plate made out of cast aluminium, opal glass

LED

Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



Art.-No.	Lamp	Base
Wall light		
696058	1 × lamp	E27
90750100	appropriate lamp	E27
Wall light with movement detector		
696144	1 × lamp	E27
90750100	appropriate lamp	E27
Wall light		
696224	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27

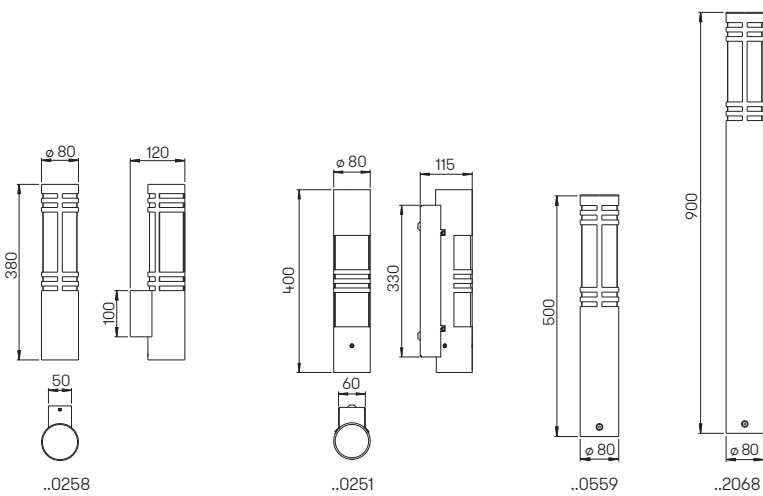


Wall lights
Pedestal light
Bollard light

for LED-Retrofit, stainless steel
with mounting plate made out of cast
aluminium, opal glass



Recommended distance:
Pedestal and Bollard light 5 m



Art.-No.	Lamp	Lamp dimensions	Base
Wall light			
690251	1 × lamp	max. ø 52 × 175 mm	E27
90750309	appropriate lamp		E27
Wall light			
690258	1 × lamp	max. ø 52 × 175 mm	E27
90750309	appropriate lamp		E27
691000	appropriate corner plate		
Pedestal light			
690559	1 × lamp	max. ø 52 × 175 mm	E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		
Bollard light			
692068	1 × lamp	max. ø 52 × 175 mm	E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		



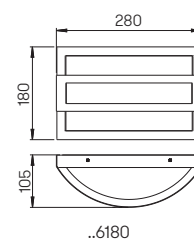
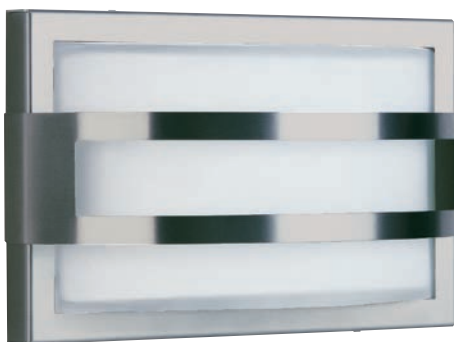
Wall- and Ceiling light



for standard lamps, stainless steel with mounting plate made out of cast aluminium, opal glass



Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



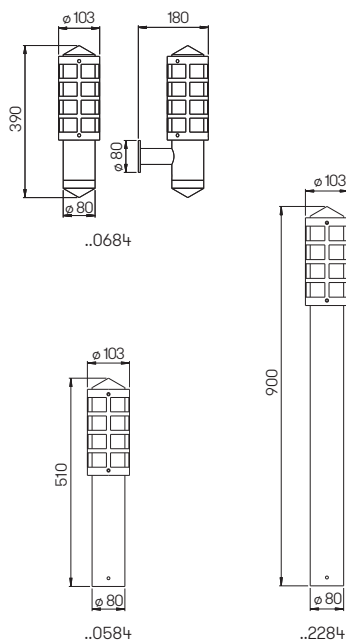
Art.-No.	Lamp	Base
696180	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27

Wall light
Pedestal light
Bollard light

for LED-Retrofit E27
stainless steel with mounting plate
(except ..0684), white acrylic glass



Recommended distance:
Pedestal and Bollard light 4 m

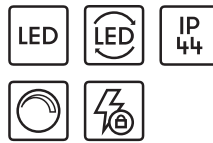


Art.-No.	Lamp	Lamp dimensions	Base
Wall light			
690684	1 x lamp	max. ϕ 52 x 175 mm	E27
90750309	appropriate lamp		E27
691003	appropriate corner plate		
Pedestal light			
690584	1 x lamp	max. ϕ 52 x 175 mm	E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		
Bollard light			
692284	1 x lamp	max. ϕ 52 x 175 mm	E27
90750309	appropriate lamp		E27
690010	appropriate sunk pedestal		

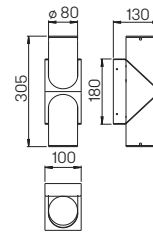




Wall light



with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K dimmable
white acrylic glass



..0636

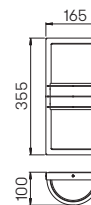


Art.-No.	Lamp	Luminous flux
Wall light		
690636	1 × LED 16 W	1600 lm

Wall light



for standard lamps, stainless steel
with mounting plate made out of cast
aluminium, opal glass



..6131

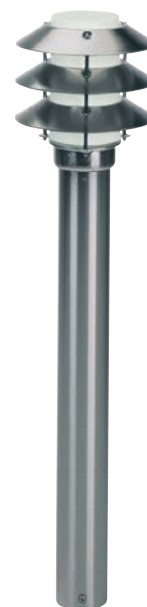
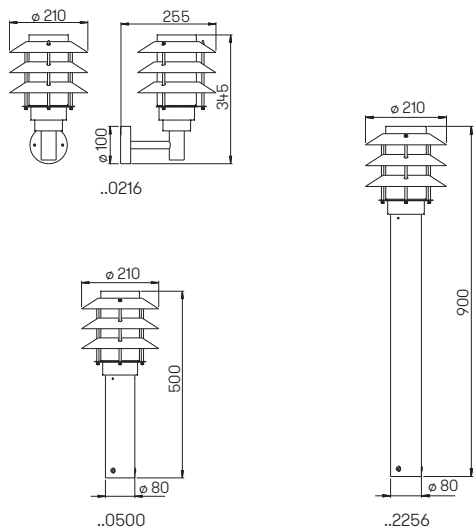


Art.-No.	Lamp	Base
Wall and ceiling light		
696131	2 × lamp	E27
90750100	appropriate lamp	E27

Wall light
Pedestal light
Bollard light

for standard lamps, stainless steel
with mounting plate, opal glass

Recommended distance:
Pedestal and Bollard light 4 m



Art.-No.	Lamp	Base
Wall light		
690216	1 x lamp	E27
90750100	appropriate lamp	E27
691004	appropriate corner plate	
Pedestal light		
690500	1 x lamp	E27
90750100	appropriate lamp	E27
690010	appropriate sunk pedestal	
Bollard light		
692256	1 x lamp	E27
90750100	appropriate lamp	E27
690010	appropriate sunk pedestal	





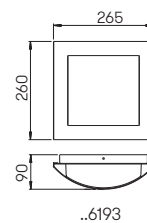
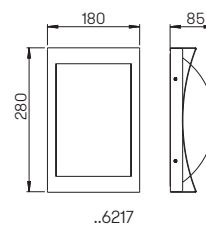
Wall and Ceiling lights



for standard lamps, stainless steel with mounting plate made out of cast aluminium, opal glass



Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



Art.-No.	Lamp	Base
Wall and ceiling light		
696217	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27
Wall and ceiling light		
696193	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27

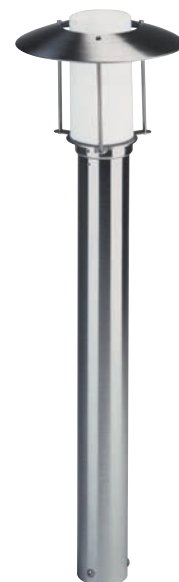
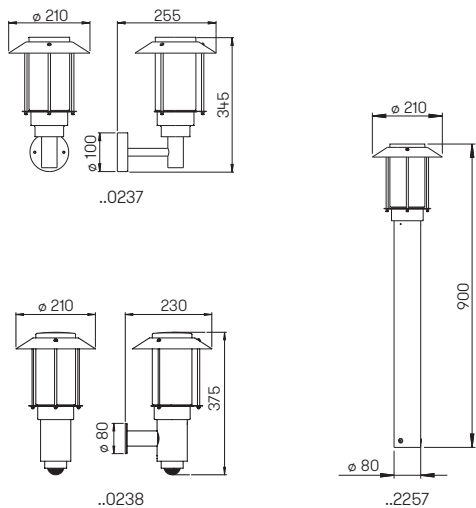


Wall lights
Bollard light

for standard lamps, stainless steel
with mounting plate (except ..0238)
opal glass



Recommended distance:
Bollard light 4 m

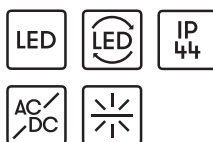


Art.-No.	Lamp	Base
Wall light		
690237	1 × lamp	E27
90750100	appropriate lamp	E27
691004	appropriate corner plate	
Wall light with movement detector		
690238	1 × lamp	E27
90750100	appropriate lamp	E27
691003	appropriate corner plate	
Bollard light		
692257	1 × lamp	E27
90750100	appropriate lamp	E27
690010	appropriate sunk pedestal	



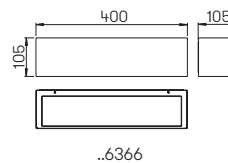
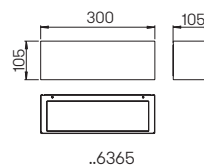
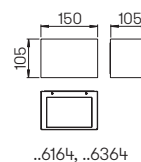
Wall lights

with double-sided
light output



with removable LED components
lightcolour warmwhite, 3000 K
with integrated converter AC/DC
resp. for lamps QT 14
stainless steel, with mounting plate made
out of cast aluminium, opal glass

Available on request with one-sided
light output.

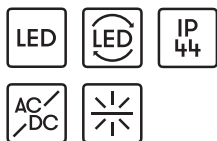


Art.-No.	Lamp	Base
for lamps		
696164	1 x lamp	G9
90750103	appropriate lamp	G9

Art.-No.	Lamp	Luminous flux
with LED		
696364	2 x LED 5,8 W	each 430 lm
696365	2 x LED 7,8 W	each 580 lm
696366	2 x LED 9,6 W	each 720 lm

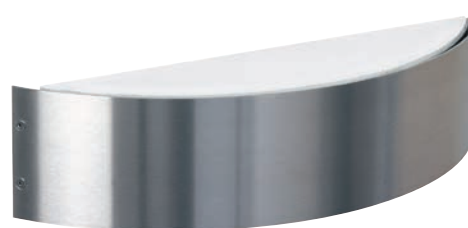
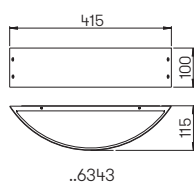
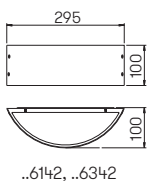
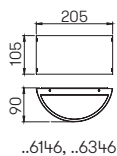
Wall lights

with double-sided
light output



with removable LED components
lightcolour warmwhite, 3000 K
with integrated converter AC/DC resp.
for lamps QT 14, QT-DE 12 (l = 74,90 mm)
stainless steel, with mounting plate made
out of cast aluminium,
opal coated plane glass

**Available on request with one-sided
light output.**



Art.-No.	Lamp	Luminous flux
with LED		
696346	2 x LED 5,8 W	each 430 lm
696342	2 x LED 7,8 W	each 580 lm
696343	2 x LED 9,6 W	each 720 lm

Art.-No.	Lamp	Base
for lamps		
696146	1 x lamp	G9
696142	1 x lamp	R7s
90750103	appropriate lamp	G9

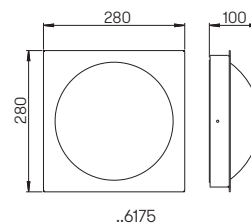
Wall- and Ceiling light



for standard lamps, stainless steel with mounting plate made out of cast aluminium opal glass



Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.

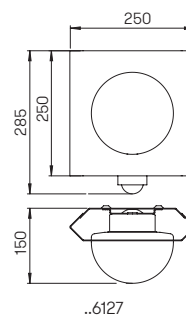
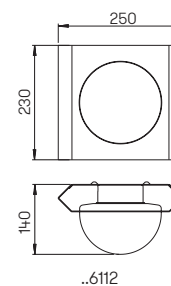


Art.-No.	Lamp	Base
Wall and ceiling light		
696175	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27

Wall lights



for standard lamps stainless steel, opal glass



Art.-No.	Lamp	Base
Wall light		
696112	1 × lamp	E27
90750100	appropriate lamp	E27
Wall light with movement detector		
696127	1 × lamp	E27
90750100	appropriate lamp	E27

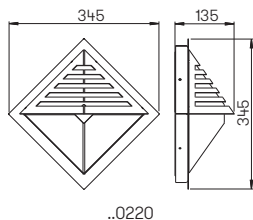
Wall light



for standard lamps, stainless steel with mounting plate made out of cast aluminium opal glass



Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



Art.-No.	Lamp	Base
Wall light		
690220	1 × lamp	E27
90750100	appropriate lamp	E27

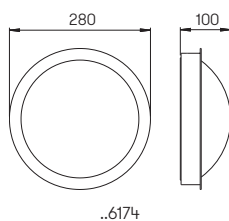
Wall and Ceiling light



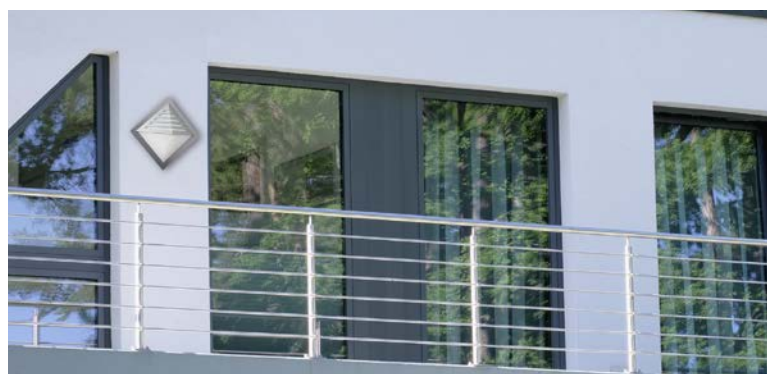
for standard lamps, stainless steel with mounting plate made out of cast aluminium, opal glass



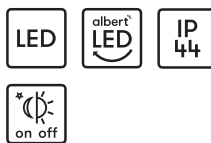
Available on request with LED 10 W (900 lm, 3000 K, warmwhite) for power supply 230 V, 50 Hz.



Art.-No.	Lamp	Base
Wall and ceiling light		
696174	1 × lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27

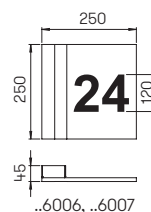


House number lights



with LED components
 696006: lightcolour warmwhite, 3000 K
 696007: lightcolour white, 4000 K
 main supply 230 V, 50 Hz
 with twilight switch
 stainless steel, clear acrylic glass
 custom made, lettering height: 100 mm

For the order please mention the house number.



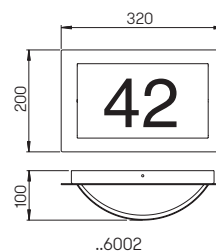
Art.-No.	Lamp	Light colour
House number lights with twilight switch		
696006	1 x LED 1,0 W	warmwhite
696007	1 x LED 1,0 W	white

House number lights



for standard lamps,
 stainless steel, customized laser-made
 with mounting plate made out of cast
 aluminium, opal glass,

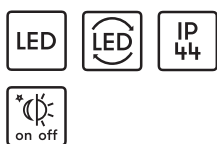
For the order please mention the house number.



Art.-No.	Lamp	Base
House number lights		
696002	1 x lamp	E27
90750100	appropriate lamp	E27
90750101	appropriate lamp	E27

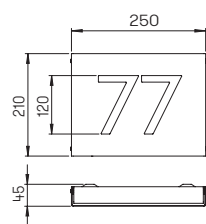


House number lights

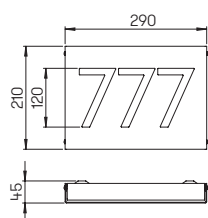


with removable LED components,
lightcolour warmwhite, 3000 K
with integrated twilight switch
stainless steel
customized laser-made
lettering height: 120 mm

**For the order please mention
the house number.**



..6012



..6013



Art.-No.	Lamp	Luminous flux
House number light 1-2 numbers		
696012	1x LED 2,0 W	120 lm
House number light 2-3 numbers		
696013	1x LED 2,0 W	120 lm

Floodlights

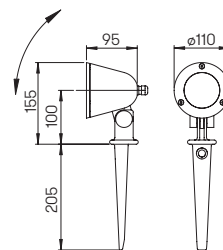
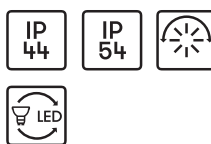




Floodlights

Floodlight with spike

for lamp G9, cast aluminium, slewable 120°, with spike with 2.5 m cable and plug borosilicate glass clear, reflector made out of anodised aluminium



..2398

Distance [m]	ø Cone [m]	Illumination [lx]
6,0	3,6	12
4,0	2,4	25
2,0	1,2	100

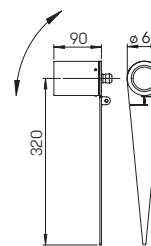
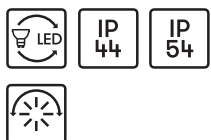
..2398 Half beam angle 30°



Art.-No.	Lamp	Lamp dimensions	Base	Colour
Floodlight with spike				
622398	1 × lamp	max. ø 16 × 62 mm	G9	anthracite
90750103	appropriate lamp		G9	

Floodlight with spike

cast aluminium, slewable 120° with stainless steel-spike, with 2.5 m cable and plug borosilicate glass clear



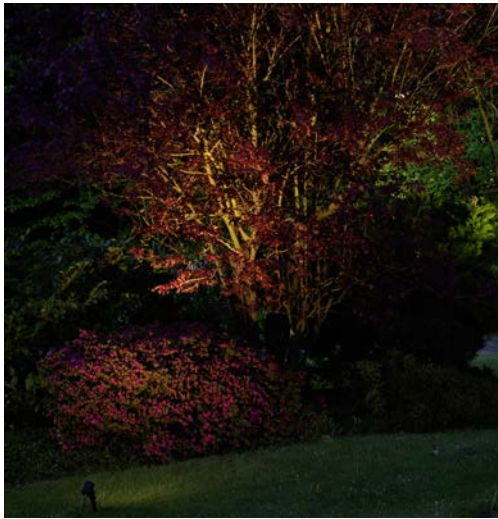
..2399

Distance [m]	ø Cone [m]	Illumination [lx]
6,0	3,6	18
4,0	2,4	40
2,0	1,2	150

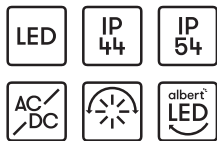
..2399 Half beam angle 30°



Art.-No.	Lamp	Lamp dimensions	Base	Colour
Floodlight with spike				
622399	1 × lamp PAR 16	max. ø 50 × 58 mm	GU10	anthracite
90750105	appropriate lamp		GU10	



Floodlight with spike

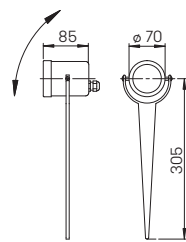


with removable LED components
 lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 stainless steel, slewable 120°
 with 2.5 m cable and plug
 borosilicate glass clear

Available on request with half beam angle 45° or lightcolour white (4000 K).

Distance [m]	ø Cone [m]	Illumination [lx]
3,0	1,5	31
2,0	1,0	70
1,0	0,5	270

..2112 Half beam angle 30°

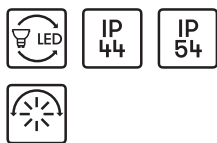


..2112



Art.-No.	Lamp	Luminous flux	Material
Floodlight with spike			
692112	1 × LED 4,5 W	330 lm	StSt

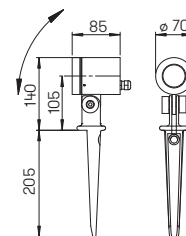
Floodlight with spike



for pressed glass reflector lamps PAR 16
 cast aluminium, slewable 120°
 with 2.5 m cable and plug
 borosilicate glass clear

Distance [m]	ø Cone [m]	Illumination [lx]
6,0	3,6	18
4,0	2,4	40
2,0	1,2	150

..2197 Half beam angle 30°



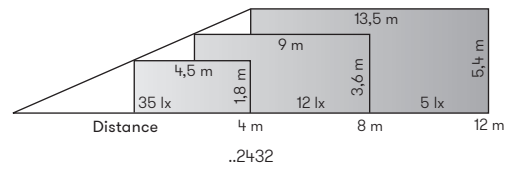
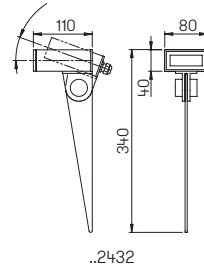
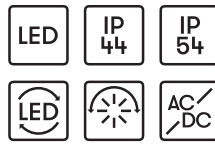
..2197



Art.-No.	Lamp	Lamp dimensions	Base	Colour
Floodlight with spike				
662197	1 × lamp PAR 16	max. ø 50 × 58 mm	GU10	black
682197	1 × lamp PAR 16	max. ø 50 × 58 mm	GU10	white
692197	1 × lamp PAR 16	max. ø 50 × 58 mm	GU10	silver
90750105	appropriate lamp		GU10	

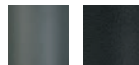
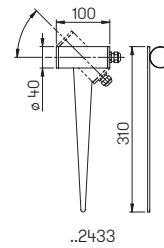
Floodlight with spike

with removable LED components
 lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 cast aluminium, slewable 120°
 with stainless steel-spike
 with 2.5 m cable and plug
 clear safety glass



Distance [m]	ø Cone [m]	Illumination [lx]
3,0	1,5	60
2,0	1,0	150
1,0	0,5	600

..2433 Half beam angle 30°

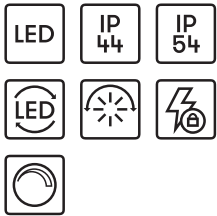


Art.-No.	Lamp	Luminous flux	Colour
Floodlight with spike			
622432	1 × LED 6,7 W	600 lm	anthracite
662432	1 × LED 6,7 W	600 lm	black
622433	1 × LED 4 W	230 lm	anthracite
662433	1 × LED 4 W	230 lm	black

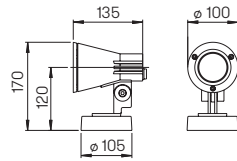




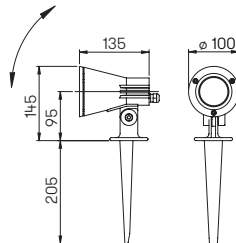
Floodlight with/without spike



with removable LED components and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable resp. for pressed glass reflector lamps PAR 20, cast aluminium rotatable 360°, slewable 120° with mounting plate resp. spike with 2.5 m cable and plug, borosilicate glass clear



..2153, ..2353



..2154, ..2354

Distance [m]	Ø Cone [m]	Illumination [lx]
6,0	3,5	20
4,0	2,3	40
2,0	1,2	170

..2353, ..2354 Half beam angle 30°



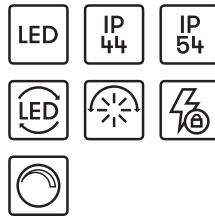
Art.-No.	Lamp	Luminous flux	Colour
Floodlight with LED			
662353	1 × LED 8 W	800 lm	black
682353	1 × LED 8 W	800 lm	white
.. 1005	appropriate corner plate		
Floodlight with spike and LED			
662354	1 × LED 8 W	800 lm	black
682354	1 × LED 8 W	800 lm	white

Art.-No.	Lamp	Lamp dimensions	Base	Colour
Floodlight for pressed glass reflector lamps				
662153	1 × lamp PAR 20	max. ø 64 × 90 mm	E27	black
682153	1 × lamp PAR 20	max. ø 64 × 90 mm	E27	white
90750108	appropriate lamp			
.. 1005	appropriate corner plate			
Floodlight with spike for pressed glass reflector lamps				
662154	1 × lamp PAR 20	max. ø 64 × 90 mm	E27	black
682154	1 × lamp PAR 20	max. ø 64 × 90 mm	E27	white
90750108	appropriate lamp		E27	

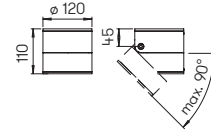




Floodlights with/without spike



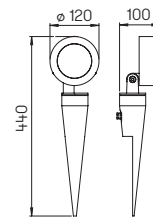
with removable LED components and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
cast aluminium
rotatable 360°, slewable 90°
with mounting plate resp.
spike with 2.5 m cable and plug
reflektor made out of anodised pure aluminium, clear safety glass



..2389

Distance [m]	∅ Cone [m]	Illumination [lx]
6,0	3,5	30
4,0	2,3	65
2,0	1,2	260

..2389, ..2390 Half beam angle 30°



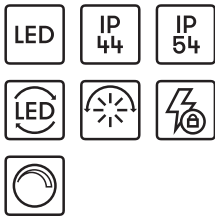
..2390



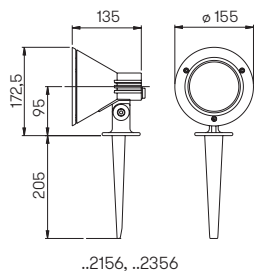
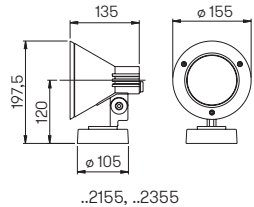
Art.-No.	Lamp	Luminous flux	Colour
Floodlights with LED			
622389	1 × LED 12 W	1200 lm	anthracite
662389	1 × LED 12 W	1200 lm	black
682389	1 × LED 12 W	1200 lm	white
692389	1 × LED 12 W	1200 lm	silver
Floodlights with spike and LED			
622390	1 × LED 12 W	1200 lm	anthracite
662390	1 × LED 12 W	1200 lm	black
682390	1 × LED 12 W	1200 lm	white
692390	1 × LED 12 W	1200 lm	silver



Floodlight with/without spike



with removable LED components and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
resp. for pressed glass reflector lamps PAR 30, cast aluminium
rotatable 360°, slewable 120°
with mounting plate resp. spike with 2.5 m cable and plug clear safety glass



Distance [m]	∅ Cone [m]	Illumination [lx]
6,0	3,6	56
4,0	2,4	120
2,0	1,2	480

..2355, ..2356 Half beam angle 30°



Art.-No.	Lamp	Luminous flux	Colour
Floodlight with LED			
662355	1 x LED 16 W	2240 lm	black
682355	1 x LED 16 W	2240 lm	white
.. 1005	appropriate corner plate		

Floodlight with spike and LED			
662356	1 x LED 16 W	2240 lm	black
682356	1 x LED 16 W	2240 lm	white

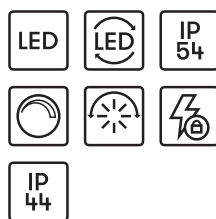
Art.-No.	Lamp	Lamp dimensions	Base	Colour
Floodlight for pressed glass reflector lamps				
662155	1 x lamp PAR 30	max. ∅ 95 x 86 mm	E27	black
682155	1 x lamp PAR 30	max. ∅ 95 x 86 mm	E27	white
90750106	appropriate lamp		E27	
.. 1005	appropriate corner plate			

Floodlight with spike for pressed glass reflector lamps				
662156	1 x lamp PAR 30	max. ∅ 95 x 86 mm	E27	black
682156	1 x lamp PAR 30	max. ∅ 95 x 86 mm	E27	white
90750106	appropriate lamp		E27	

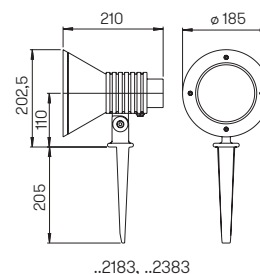
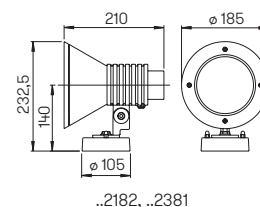




Floodlights with/without spike



with removable LED components and integrated overvoltage protection
 lightcolour warmwhite, 3000 K, dimmable
 resp. for pressed glass reflector lamps
 PAR 30, cast aluminium,
 rotatable 360°, slewable 120°
 with mounting plate resp. spike with
 2.5 m cable and plug, clear safety glass



Distance [m]	ø Cone [m]	Illumination [lx]
6,0	3,6	110
4,0	2,4	240
2,0	1,2	970

..2381, ..2383 Half beam angle 30°

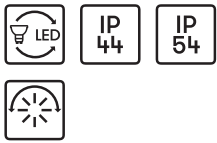


Art.-No.	Lamp	Luminous flux	Colour
Floodlights with LED			
662381	1 × LED 29 W	4480 lm	black
682381	1 × LED 29 W	4480 lm	white
692381	1 × LED 29 W	4480 lm	silver
..1005	appropriate corner plate		
Floodlights with spike and LED			
662383	1 × LED 29 W	4480 lm	black
682383	1 × LED 29 W	4480 lm	white
692383	1 × LED 29 W	4480 lm	silver

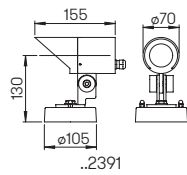
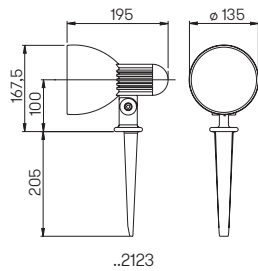
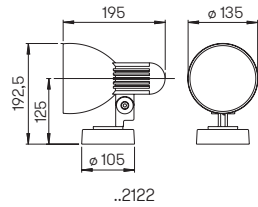
Art.-No.	Lamp	Lamp dimensions	Base	Colour
Floodlights for pressed glass reflector lamps				
662182	1 × lamp PAR 30	max. ø 55 × 110 mm	E27	black
682182	1 × lamp PAR 30	max. ø 55 × 110 mm	E27	white
692182	1 × lamp PAR 30	max. ø 55 × 110 mm	E27	silver
90750106	appropriate lamp		E27	
..1005	appropriate corner plate			
Floodlights with spike and for pressed glass reflector lamps				
662183	1 × lamp PAR 30	max. ø 55 × 110 mm	E27	black
682183	1 × lamp PAR 30	max. ø 55 × 110 mm	E27	white
692183	1 × lamp PAR 30	max. ø 55 × 110 mm	E27	silver
90750106	appropriate lamp		E27	



Floodlight with/without spike



for pressed glass reflector lamps PAR 38 base E27 resp. PAR 16 base GU 10
 cast aluminium, rotatable 360°
 slewable 120°, with mounting plate resp. spike with 2.5 m cable and plug
 ..2391 borosilicate glass clear

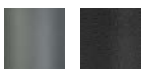


Distance [m]	Ø Cone [m]	Illumination [lx]
6,0	3,6	18
4,0	2,4	40
2,0	1,2	150

..2391 Half beam angle 30°



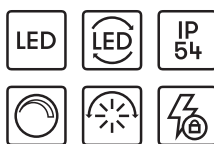
Art.-No.	Lamp	Lamp dimensions	Base	Colour
Floodlights				
662122	1 × lamp PAR 38	max. ø 122 × 150 mm	E27	black
682122	1 × lamp PAR 38	max. ø 122 × 150 mm	E27	white
90750107	appropriate lamp		E27	
.. 1005	appropriate corner plate			
Floodlights with spike				
662123	1 × lamp PAR 38	max. ø 122 × 150 mm	E27	black
682123	1 × lamp PAR 38	max. ø 122 × 150 mm	E27	white
90750107	appropriate lamp		E27	



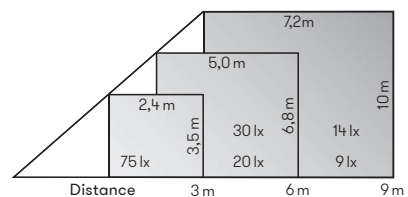
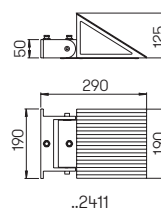
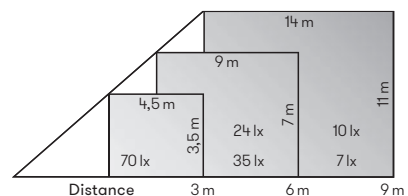
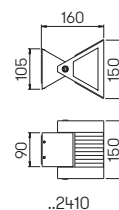
Art.-No.	Lamp	Lamp dimensions	Base	Colour
Floodlights				
622391	1 × lamp PAR 16	max. ø 55 × 60 mm	GU10	anthracite
662391	1 × lamp PAR 16	max. ø 55 × 60 mm	GU10	black
90750105	appropriate lamp		GU10	
.. 1005	appropriate corner plate			



Floodlights



with removable LED components and integrated overvoltage protection
 lightcolour warmwhite, 3000 K, dimmable
 slewable 90°, cast aluminium, with mounting plate (only ..2410),
 reflector made out of anodised pure aluminium, borosilicate glass clear

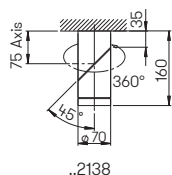


Art.-No.	Lamp	Luminous flux	Colour
Floodlights with LED			
662410	1 × LED 16 W	1600 lm	black
682410	1 × LED 16 W	1600 lm	white
692410	1 × LED 16 W	1600 lm	silver
Floodlights with LED			
662411	1 × LED 32 W	3200 lm	black
682411	1 × LED 32 W	3200 lm	white
692411	1 × LED 32 W	3200 lm	silver

Rotating and slewable floodlights



for pressed glass reflector lamps PAR 16
 cast aluminium
 rotatable 360°, slewable 90°
 with mounting plate
 borosilicate glass clear



Distance [m]	ø Cone [m]	Illumination [lx]
6,0	3,6	18
4,0	2,4	40
2,0	1,2	150

..2138 Half beam angle 30°



Art.-No.	Lamp	Lamp dimensions	Base	Colour
Rotating and slewable floodlights				
662138	1 × lamp PAR 16	max. ø 50 × 56 mm	GU10	black
682138	1 × lamp PAR 16	max. ø 50 × 56 mm	GU10	white
692138	1 × lamp PAR 16	max. ø 50 × 56 mm	GU10	silver
90750105	appropriate lamp	GU10		

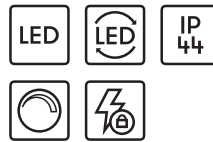




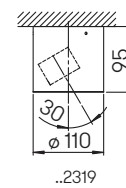
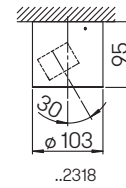
VOLT, Berlin

Ceiling spotlights

up to 30° slewable



with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
stainless steel resp. cast aluminium
with mounting plate, clear safety glass



Distance [m]	ø Cone [m]	Illumination [lx]
2,0	1,2	170
4,0	2,3	40
6,0	3,5	20

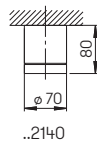
..2318, ..2319 Half beam angle 30°



Art.-No.	Lamp	Luminous flux	Material / Colour
Ceiling spotlight made out of stainless steel			
692318	1 x LED 8 W	800 lm	stainless steel
Ceiling spotlights made out of aluminium			
662319	1 x LED 8 W	800 lm	black
682319	1 x LED 8 W	800 lm	white
692319	1 x LED 8 W	800 lm	silver

Ceiling spotlights

for pressed glass reflector lamps PAR 16
cast aluminium



Distance [m]	ø Cone [m]	Illumination [lx]
6,0	3,6	18
4,0	2,4	40
2,0	1,2	150

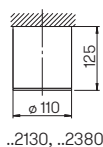
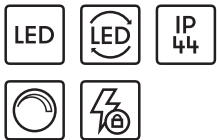
..2140 Half beam angle 30°



Art.-No.	Lamp	Lamp dimensions	Base	Colour
Ceiling spotlights for pressed glass reflector lamps				
662140	1 × lamp PAR 16	max. ø 50 × 56 mm	GU10	black
682140	1 × lamp PAR 16	max. ø 50 × 56 mm	GU10	white
692140	1 × lamp PAR 16	max. ø 50 × 56 mm	GU10	silver
90750105	appropriate lamp		GU10	

Ceiling spotlights

with removable LED components
and integrated overvoltage protection
lightcolour warmwhite, 3000 K, dimmable
resp. for pressed glass reflector lamps
PAR 30, cast aluminium
with mounting plate, clear safety glass
(except ..2130, IP23)



Distance [m]	ø Cone [m]	Illumination [lx]
2,0	1,2	260
4,0	2,3	65
6,0	3,5	30

..2380 Half beam angle 30°



Art.-No.	Lamp	Luminous flux	Colour
Ceiling spotlights with LED			
662380	1 × LED 12 W	1200 lm	black
682380	1 × LED 12 W	1200 lm	white
692380	1 × LED 12 W	1200 lm	silver

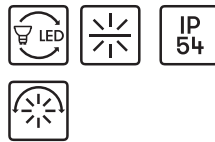
Art.-No.	Lamp	Lamp dimensions	Base	Colour
Ceiling spotlights for pressed glass reflector lamps				
662130	1 × lamp PAR 30	max. ø 95 × 86 mm	E27	black
682130	1 × lamp PAR 30	max. ø 95 × 86 mm	E27	white
692130	1 × lamp PAR 30	max. ø 95 × 86 mm	E27	silver
90750106	appropriate lamp		E27	



Hof Mawick, Wehl



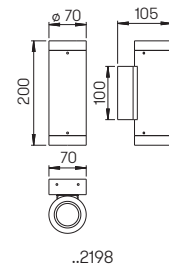
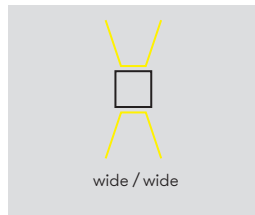
Wall floodlights



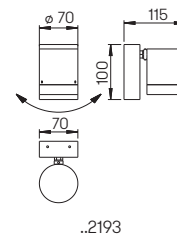
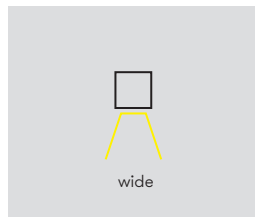
for pressed glass reflector lamps PAR 16
 cast aluminium
 rotatable 330° (except ..2198)
 with mounting plate
 borosilicate glass clear



Light output



Light output



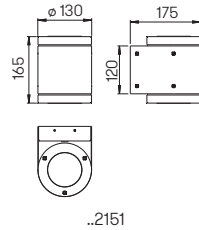
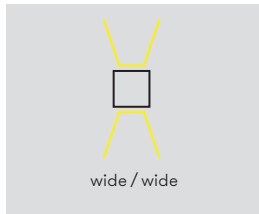
Art.-No.	Lamp	Lamp dimensions	Base	Colour
Wall floodlights with double-sided light output, up and down				
662198	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	black
682198	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	white
692198	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	silver
90750105	appropriate lamp		GU10	
Wall floodlights with one-sided light output, down				
662193	1 × lamp PAR 16	max. ø 50 × 58 mm	GU10	black
682193	1 × lamp PAR 16	max. ø 50 × 58 mm	GU10	white
692193	1 × lamp PAR 16	max. ø 50 × 58 mm	GU10	silver
90750105	appropriate lamp		GU10	

Wall floodlight



for lamps QT 14
stainless steel, with mounting plate made out of cast aluminium, reflector made out of anodised pure aluminium, clear safety glass

Light output



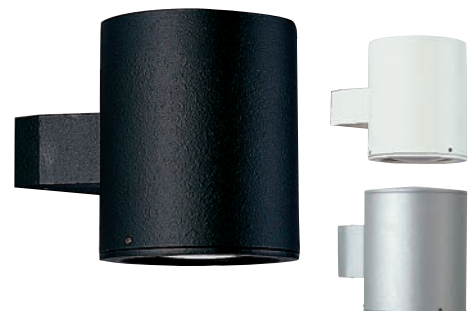
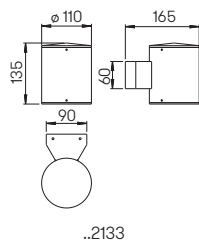
Art.-No.	Lamp	Base	Material
Wall floodlight			
692151	2 × lamp	G9	StSt
90750103	appropriate lamp	G9	

Wall floodlights

with one-sided light output



for pressed glass reflector lamps PAR 30
cast aluminium, with mounting plate

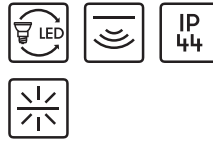


Art.-No.	Lamp	Lamp dimensions	Base	Colour
Wall floodlights				
662133	1 × lamp PAR 30	max. ø 95 × 86 mm	E27	black
682133	1 × lamp PAR 30	max. ø 95 × 86 mm	E27	white
692133	1 × lamp PAR 30	max. ø 95 × 86 mm	E27	silver
90750106	appropriate lamp		E27	



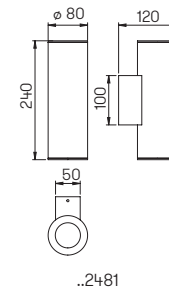
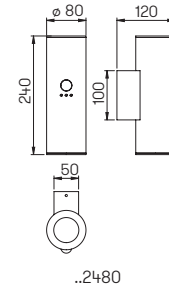
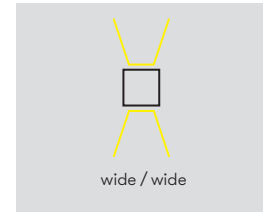


Wall floodlights
with/without
movement detector



for pressed glass reflector lamps PAR 16
50 W resp. LED-reflector lamps
detection range movement detector 100°
cast aluminium, with mounting plate
clear safety glass

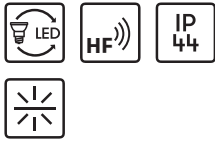
Light output



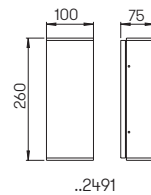
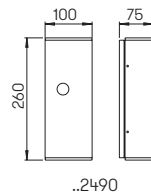
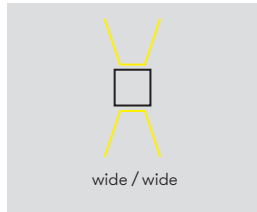
Art.-No.	Lamp	Lamp dimensions	Base	Colour
Wall floodlights double-sided with movement detector				
622480	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	anthracite
662480	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	black
682480	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	white
692480	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	silver
90750105	appropriate lamp		GU10	
Wall floodlights double-sided				
622481	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	anthracite
662481	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	black
682481	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	white
692481	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	silver
90750105	appropriate lamp		GU10	

Wall floodlights
with/without
HF presence detector

for pressed glass reflector lamps PAR 16
detection range presence detector
approx. 4 - 6 m, cast aluminium
with mounting plate, acrylic glass satiné



Light output

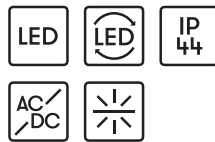


Art.-No.	Lamp	Lamp dimensions	Base	Colour
Wall floodlights double-sided with HF-presence detector				
622490	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	anthracite
662490	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	black
682490	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	white
692490	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	silver
90750105	appropriate lamp		GU10	
Wall floodlights double-sided				
622491	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	anthracite
662491	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	black
682491	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	white
692491	2 × lamp PAR 16	max. ø 50 × 58 mm	GU10	silver
90750105	appropriate lamp		GU10	

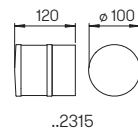


Wall floodlights

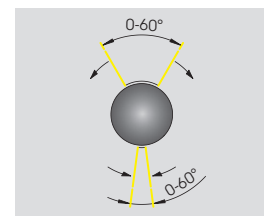
light output adjustable
up to 60° on both sides



with removable LED components
lightcolour warmwhite, 3000 K
with integrated converter AC/DC
clear acrylic glass, with mounting plate

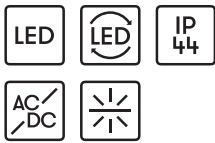


Light output



Art.-No.	Lamp	Luminous flux	Colour
Wall floodlights			
622315	2 × LED 3 W	each 330 lm	anthracite
662315	2 × LED 3 W	each 330 lm	black
682315	2 × LED 3 W	each 330 lm	white
692315	2 × LED 3 W	each 330 lm	silver

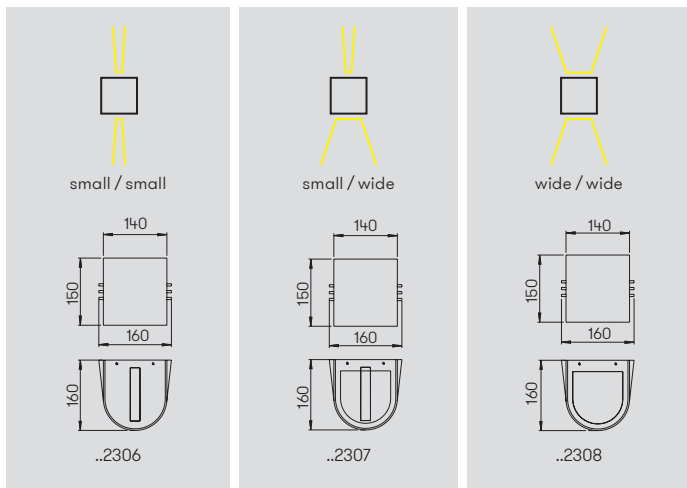
Wall floodlights



with removable LED components
 lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 cast aluminium with mounting plate
 borosilicate glass clear resp. clear lens
 with different light distributions
 (small, wide)

Available on request with one-sided
 light output as well as with lightcolour
 white (4000 K).

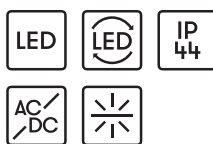
Light output



Art.-No.	Lamp	Luminous flux	Colour
Wall floodlights with LED			
small / small			
662306	2 x LED 3 W	each 330 lm	black
682306	2 x LED 3 W	each 330 lm	white
692306	2 x LED 3 W	each 330 lm	silver
small / wide			
662307	2 x LED 3 W	each 330 lm	black
682307	2 x LED 3 W	each 330 lm	white
692307	2 x LED 3 W	each 330 lm	silver
wide / wide			
662308	2 x LED 3 W	each 330 lm	black
682308	2 x LED 3 W	each 330 lm	white
692308	2 x LED 3 W	each 330 lm	silver

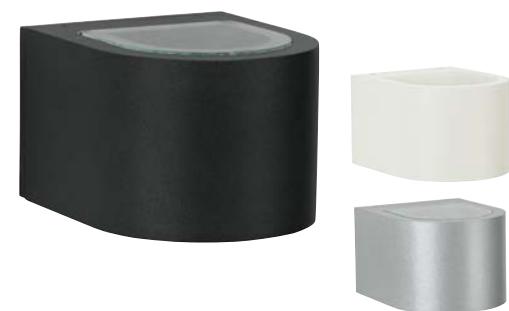


Wall floodlights

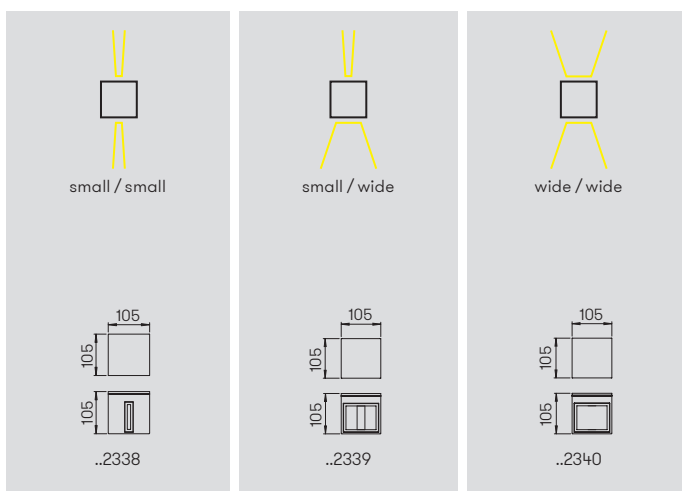


with removable LED components
lightcolour warmwhite, 3000 K
with integrated converter AC/DC
cast aluminium, with mounting plate
clear safety glass resp. clear lens
with different light distributions
(small, wide)

Available on request with one-sided
light output as well as with lightcolour
white (4000 K).

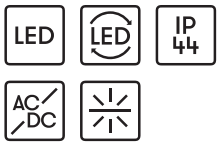


Light output



Art.-No.	Lamp	Luminous flux	Colour
Wall floodlights with LED			
small / small			
662338	2 x LED 3 W	each 330 lm	black
682338	2 x LED 3 W	each 330 lm	white
692338	2 x LED 3 W	each 330 lm	silver
small / wide			
662339	2 x LED 3 W	each 330 lm	black
682339	2 x LED 3 W	each 330 lm	white
692339	2 x LED 3 W	each 330 lm	silver
wide / wide			
662340	2 x LED 3 W	each 330 lm	black
682340	2 x LED 3 W	each 330 lm	white
692340	2 x LED 3 W	each 330 lm	silver

Wall floodlights

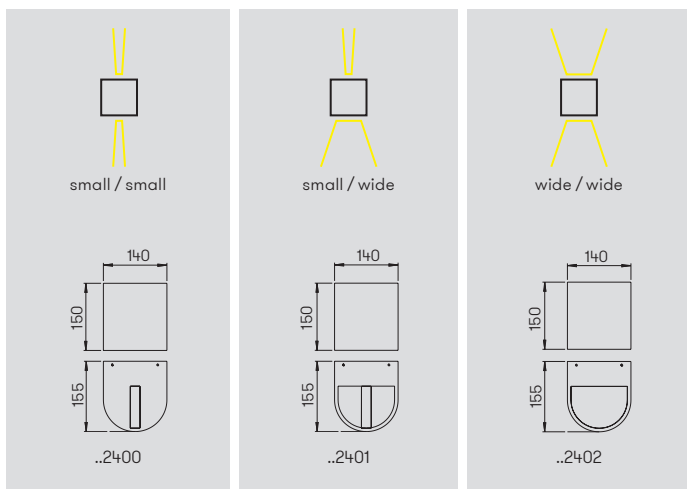


with removable LED components
 lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 cast aluminium, with mounting plate
 clear safety glass resp. clear lens
 with different light distributions
 (small, wide)

Available on request with one-sided
 light output as well as with lightcolour
 white (4000 K).



Light output

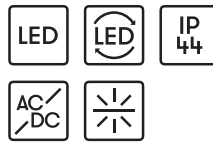


Art.-No.	Lamp	Luminous flux	Colour
Wall floodlights with LED			
small / small			
662400	2 x LED 6,7 W	each 600 lm	black
682400	2 x LED 6,7 W	each 600 lm	white
692400	2 x LED 6,7 W	each 600 lm	silver
small / wide			
662401	2 x LED 6,7 W	each 600 lm	black
682401	2 x LED 6,7 W	each 600 lm	white
692401	2 x LED 6,7 W	each 600 lm	silver
wide / wide			
662402	2 x LED 6,7 W	each 600 lm	black
682402	2 x LED 6,7 W	each 600 lm	white
692402	2 x LED 6,7 W	each 600 lm	silver





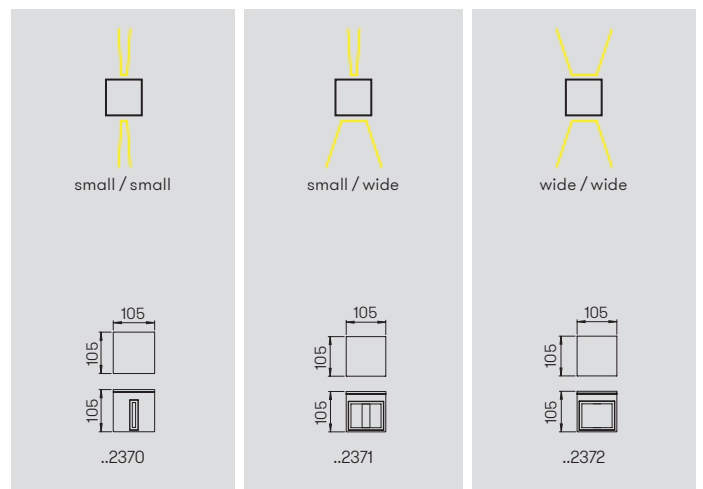
Wall floodlights



with removable LED components
lightcolour warmwhite, 3000 K
with integrated converter AC/DC
cast aluminium, with mounting plate
clear safety glass resp. clear lens
with different light distributions
(small, wide)

Available on request with one-sided
light output as well as with lightcolour
white (4000 K).

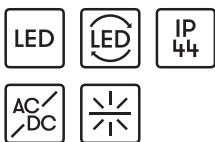
Light output



Art.-No.	Lamp	Luminous flux	Colour
Wall floodlights with LED			
small / small			
622370	2 × LED 3 W	each 330 lm	anthracite
662370	2 × LED 3 W	each 330 lm	black
682370	2 × LED 3 W	each 330 lm	white
692370	2 × LED 3 W	each 330 lm	silver
small / wide			
622371	2 × LED 3 W	each 330 lm	anthracite
662371	2 × LED 3 W	each 330 lm	black
682371	2 × LED 3 W	each 330 lm	white
692371	2 × LED 3 W	each 330 lm	silver
wide / wide			
622372	2 × LED 3 W	each 330 lm	anthracite
662372	2 × LED 3 W	each 330 lm	black
682372	2 × LED 3 W	each 330 lm	white
692372	2 × LED 3 W	each 330 lm	silver



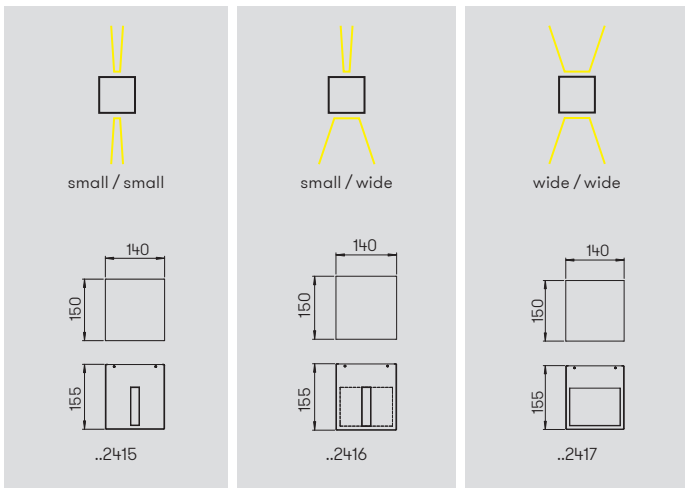
Wall floodlights



with removable LED components
 lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 cast aluminium, with mounting plate
 clear safety glass resp. clear lens
 with different light distributions
 (small, wide)

Available on request with one-sided
 light output as well as with lightcolour
 white (4000 K).

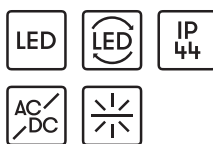
Light output



Art.-No.	Lamp	Luminous flux	Colour
Wall floodlights with LED			
small / small			
662415	2 × LED 6,7 W	each 600 lm	black
682415	2 × LED 6,7 W	each 600 lm	white
692415	2 × LED 6,7 W	each 600 lm	silver
small / wide			
662416	2 × LED 6,7 W	each 600 lm	black
682416	2 × LED 6,7 W	each 600 lm	white
692416	2 × LED 6,7 W	each 600 lm	silver
wide / wide			
662417	2 × LED 6,7 W	each 600 lm	black
682417	2 × LED 6,7 W	each 600 lm	white
692417	2 × LED 6,7 W	each 600 lm	silver



Wall floodlights

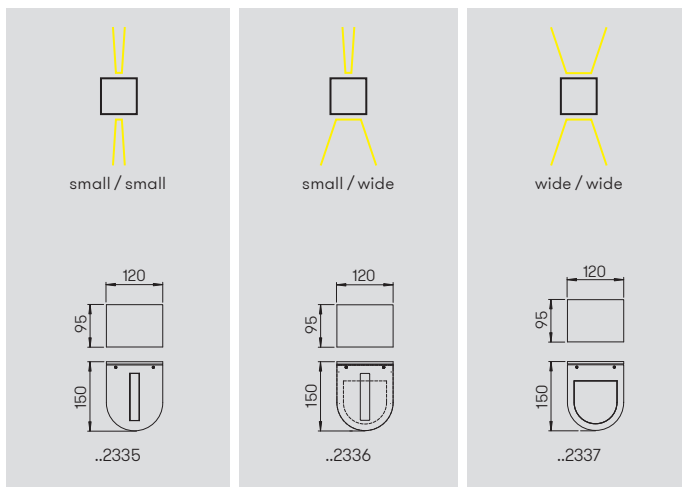


with removable LED components
 lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 stainless steel and cast aluminium
 with mounting plate
 clear safety glass resp. clear lens
 with different light distributions
 (small, wide)

Available on request with one-sided
 light output as well as with lightcolour
 white (4000 K).



Light output

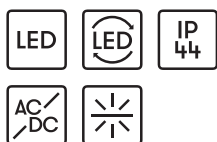


Art.-No.	Lamp	Luminous flux	Material
Wall floodlights with LED			
small / small			
692335	2 × LED 3 W	each 330 lm	StSt
small / wide			
692336	2 × LED 3 W	each 330 lm	StSt
wide / wide			
692337	2 × LED 3 W	each 330 lm	StSt





Wall floodlights

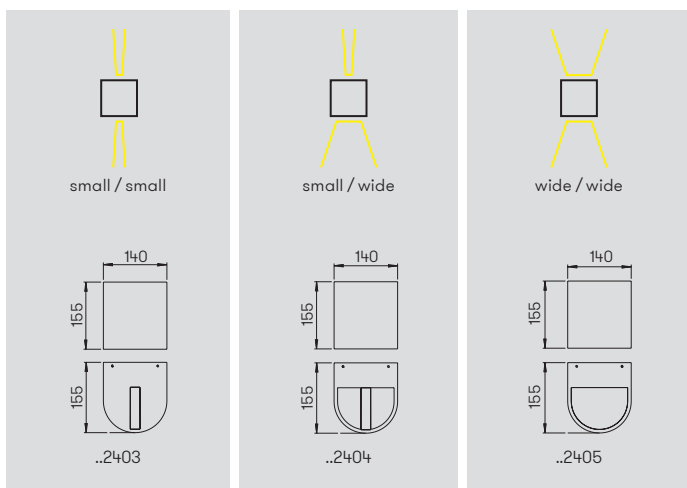


with removable LED components
 lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 stainless steel and cast aluminium
 with mounting plate
 clear safety glass resp. clear lens
 with different light distributions
 (small, wide)

Available on request with one-sided
 light output as well as with lightcolour
 white (4000 K).

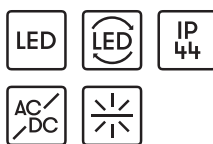


Light output



Art.-No.	Lamp	Luminous flux	Material
Wall floodlights with LED			
small / small			
692403	2 × LED 6,7 W	each 600 lm	StSt
small / wide			
692404	2 × LED 6,7 W	each 600 lm	StSt
wide / wide			
692405	2 × LED 6,7 W	each 600 lm	StSt

Wall floodlights

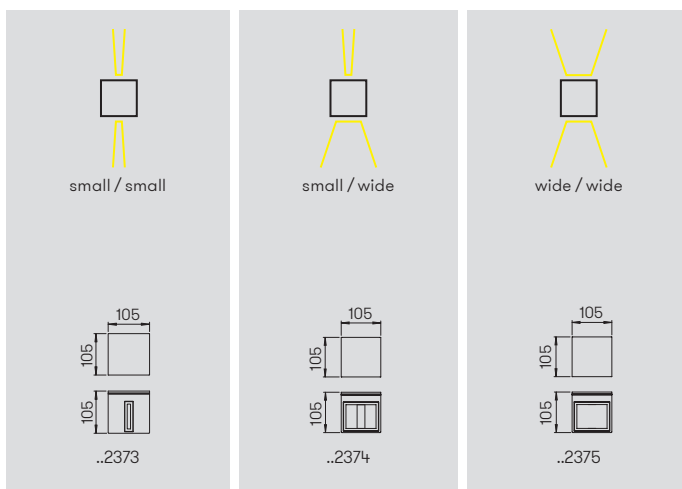


with removable LED components
 lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 stainless steel and cast aluminium
 with mounting plate
 clear safety glass resp. clear lens
 with different light distributions
 (small, wide)

Available on request with one-sided
 light output as well as with lightcolour
 white (4000 K).



Light output

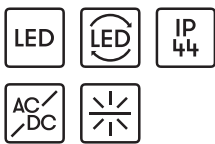


Art.-No.	Lamp	Luminous flux	Material
Wall floodlights with LED			
small / small			
692373	2 × LED 3 W	each 330 lm	StSt
small / wide			
692374	2 × LED 3 W	each 330 lm	StSt
wide / wide			
692375	2 × LED 3 W	each 330 lm	StSt





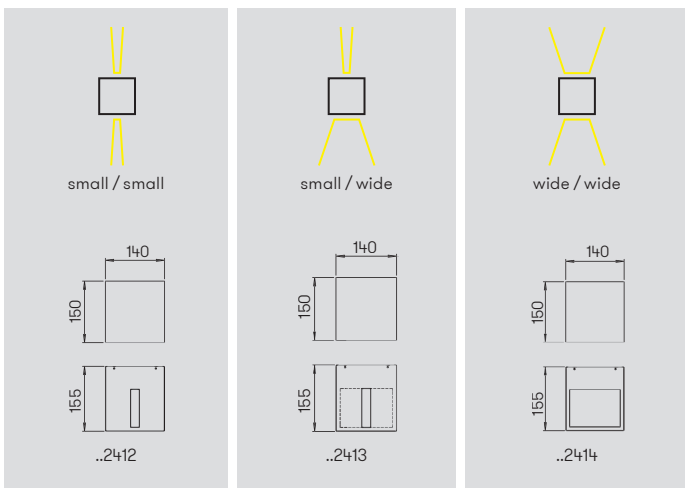
Wall floodlights



with removable LED components
 lightcolour warmwhite, 3000 K
 with integrated converter AC/DC
 stainless steel and cast aluminium
 with mounting plate
 clear safety glass resp. clear lens
 with different light distributions
 (small, wide)

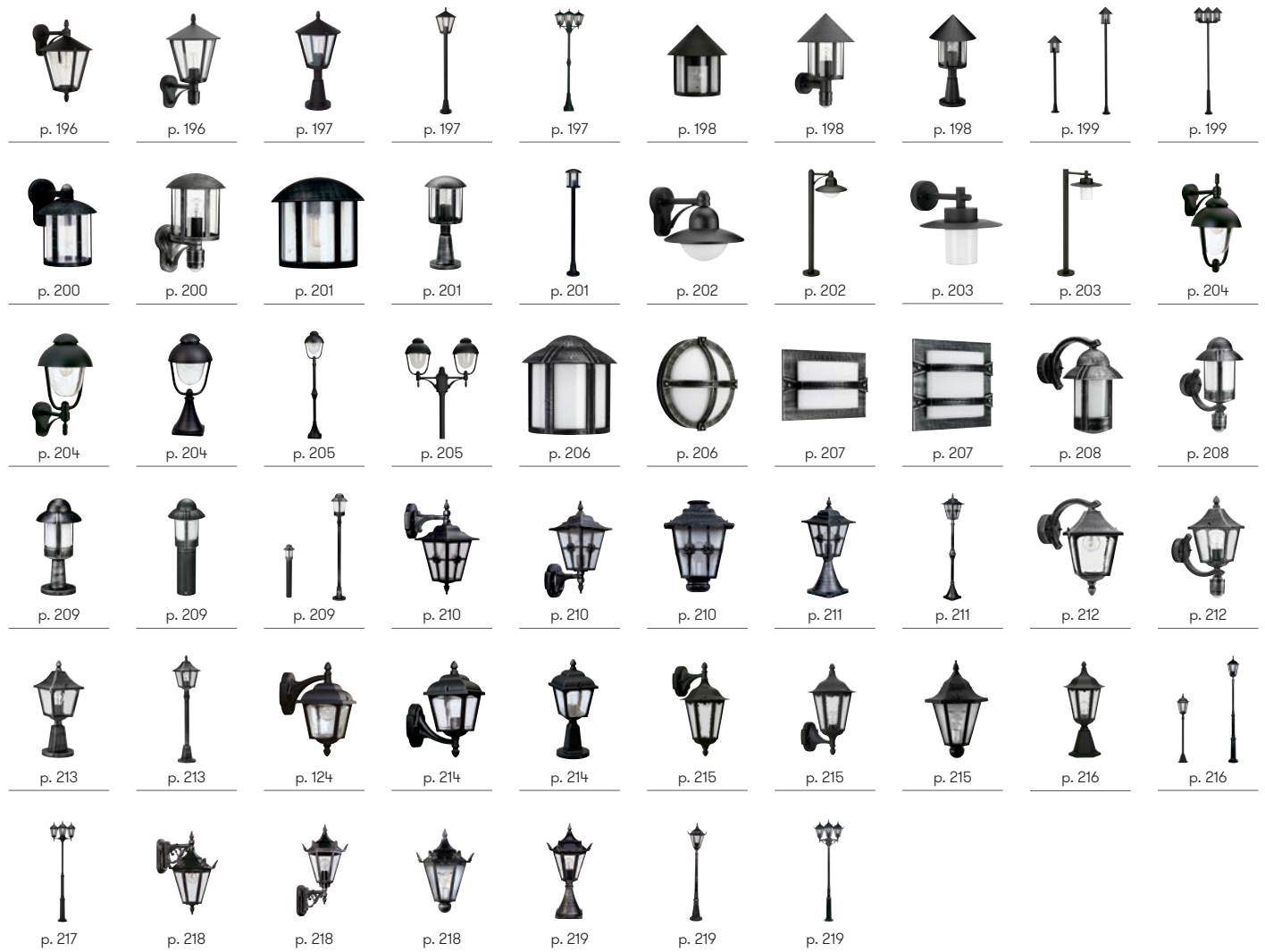
Available on request with one-sided
 light output as well as with lightcolour
 white (4000 K).

Light output



Art.-No.	Lamp	Luminous flux	Material
Wall floodlights with LED			
small / small			
692412	2 × LED 6,7 W	each 600 lm	StSt
small / wide			
692413	2 × LED 6,7 W	each 600 lm	StSt
wide / wide			
692414	2 × LED 6,7 W	each 600 lm	StSt

Country style lights





Country style lights

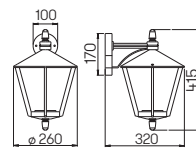


Wall lights
Pedestal lights
Path lights
Pole lights

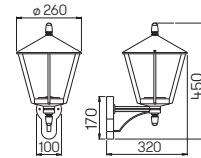
for standard lamps
cast aluminium, with mounting plate
(except ..2046)
pole light with pole
clear acrylic glass



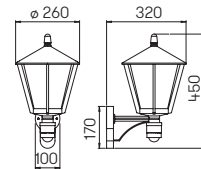
Recommended distance:
Pedestal and Path light 5 m
Pole light 10 m



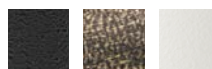
..1816



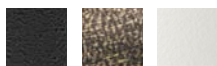
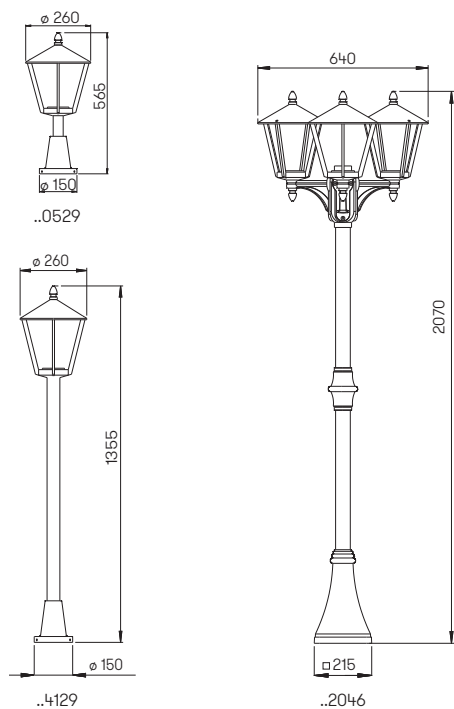
..1814



..1815



Art.-No.	Lamp	Base	Colour
Wall lights			
661816	1 × lamp	E27	black
651816	1 × lamp	E27	brown-brass
681816	1 × lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1006	appropriate corner plate		
Wall lights with movement detector			
661815	1 × lamp	E27	black
651815	1 × lamp	E27	brown-brass
681815	1 × lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1006	appropriate corner plate		



Art.-No.	Lamp	Base	Colour
Pedestal lights			
660529	1 x lamp	E27	black
650529	1 x lamp	E27	brown-brass
680529	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Path lights			
664129	1 x lamp	E27	black
654129	1 x lamp	E27	brown-brass
684129	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Pole lights 3-units			
662046	3 x lamp	E27	black
652046	3 x lamp	E27	brown-brass
682046	3 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	



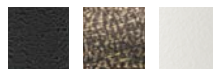
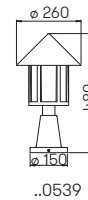
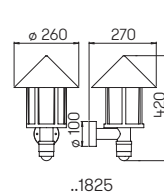
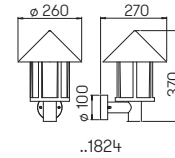
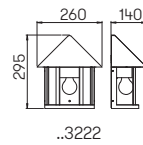


Wall lights
Pedestal lights
Path lights
Pole lights

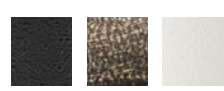
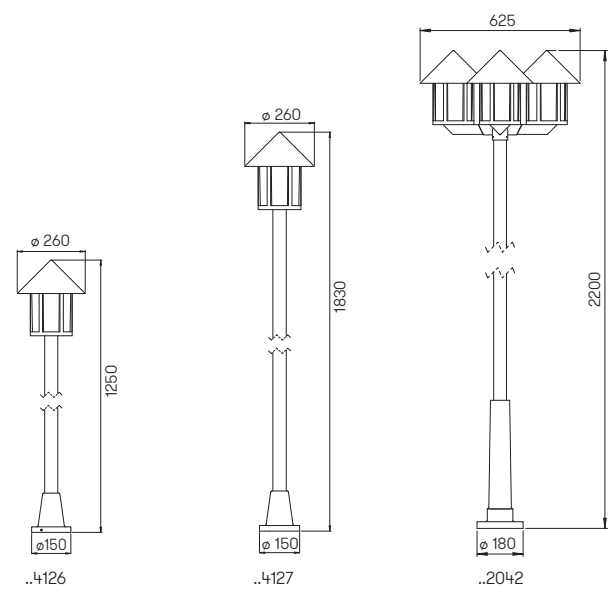


for standard lamps
 cast aluminium, with mounting plate
 (except ..2042, ..4127)
 pole light with pole
 clear acrylic glass

Recommended distance:
Pedestal and Path light 5 m
Pole light 10 m

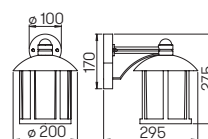


Art.-No.	Lamp	Base	Colour
Wall lights			
663222	1 x lamp	E27	black
653222	1 x lamp	E27	brown-brass
683222	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
661824	1 x lamp	E27	black
651824	1 x lamp	E27	brown-brass
681824	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1005	appropriate corner plate		
Wall lights with movement detector			
661825	1 x lamp	E27	black
651825	1 x lamp	E27	brown-brass
681825	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1005	appropriate corner plate		
Pedestal lights			
660539	1 x lamp	E27	black
650539	1 x lamp	E27	brown-brass
680539	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690010	appropriate sunk pedestal		

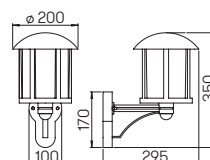


Art.-No.	Lamp	Base	Colour
Path lights			
664126	1 × lamp	E27	black
654126	1 × lamp	E27	brown-brass
684126	1 × lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Pole lights 1-unit			
664127	1 × lamp	E27	black
654127	1 × lamp	E27	brown-brass
684127	1 × lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Pole lights 3-units			
662042	3 × lamp	E27	black
652042	3 × lamp	E27	brown-brass
682042	3 × lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690011	appropriate sunk pedestal		

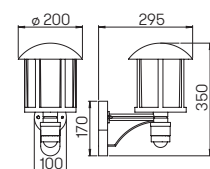




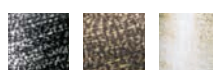
..1835



..1834



..1836



Art.-No.	Lamp	Base	Colour
Wall lights			
601835	1 × lamp	E27	black-silver
651835	1 × lamp	E27	brown-brass
671835	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1006	appropriate corner plate		
<hr/>			
601834	1 × lamp	E27	black-silver
651834	1 × lamp	E27	brown-brass
671834	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1006	appropriate corner plate		
<hr/>			
Wall lights with movement detector			
601836	1 × lamp	E27	black-silver
651836	1 × lamp	E27	brown-brass
671836	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1006	appropriate corner plate		

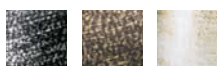
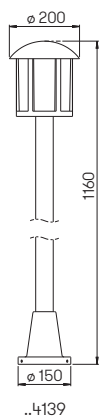
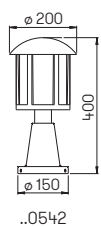
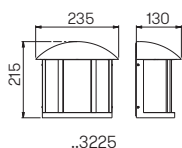


Wall lights
Pedestal lights
Path lights

for standard lamps
cast aluminium, with mounting plate
clear acrylic glass



Recommended distance:
Pedestal and Path light 5 m



Art.-No.	Lamp	Base	Colour
Wall lights			
603225	1 x lamp	E27	black-silver
653225	1 x lamp	E27	brown-brass
673225	1 x lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
Pedestal lights			
600542	1 x lamp	E27	black-silver
650542	1 x lamp	E27	brown-brass
670542	1 x lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Path lights			
604139	1 x lamp	E27	black-silver
654139	1 x lamp	E27	brown-brass
674139	1 x lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690010	appropriate sunk pedestal		

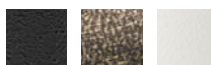
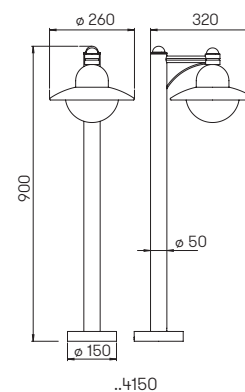
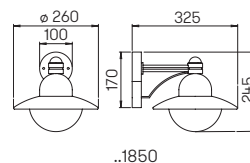


Wall lights
Path lights



for standard lamps
cast aluminium, with mounting plate
opal glass

Recommended distance:
Path light 5 m



Art.-No.	Lamp	Base	Colour
Wall lights			
661850	1 x lamp	E27	black
651850	1 x lamp	E27	brown-brass
681850	1 x lamp	E27	white
90750100	appropriate lamp	E27	
..1006	appropriate corner plate		
Path lights			
664150	1 x lamp	E27	black
654150	1 x lamp	E27	brown-brass
684150	1 x lamp	E27	white
90750100	appropriate lamp	E27	
690010	appropriate sunk pedestal		

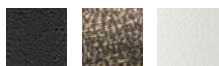
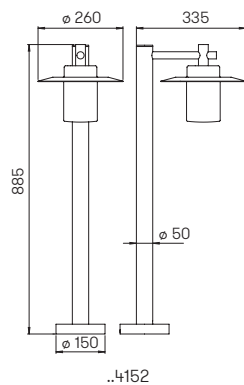
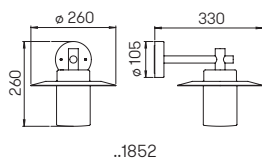


Wall lights
Path lights



for standard lamps
cast aluminium, with mounting plate
opal glass

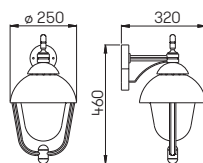
Recommended distance:
Path light 5 m



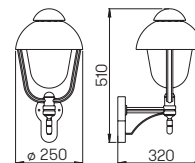
Art.-No.	Lamp	Base	Colour
Wall lights			
661852	1 x lamp	E27	black
651852	1 x lamp	E27	brown-brass
681852	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750102	appropriate lamp	E27	
.. 1005	appropriate corner plate		
Path lights			
664152	1 x lamp	E27	black
654152	1 x lamp	E27	brown-brass
684152	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690010	appropriate sunk pedestal		



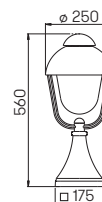
Country style lights



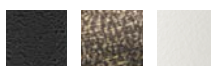
..0689



..0688



..0515

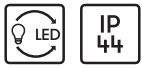


Art.-No.	Lamp	Base	Colour
Wall lights			
660689	1 x lamp	E27	black
650689	1 x lamp	E27	brown-brass
680689	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1006	appropriate corner plate		
<hr/>			
660688	1 x lamp	E27	black
650688	1 x lamp	E27	brown-brass
680688	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1006	appropriate corner plate		
<hr/>			
Pedestal lights			
660515	1 x lamp	E27	black
650515	1 x lamp	E27	brown-brass
680515	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690011	appropriate sunk pedestal		

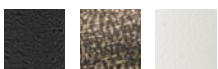
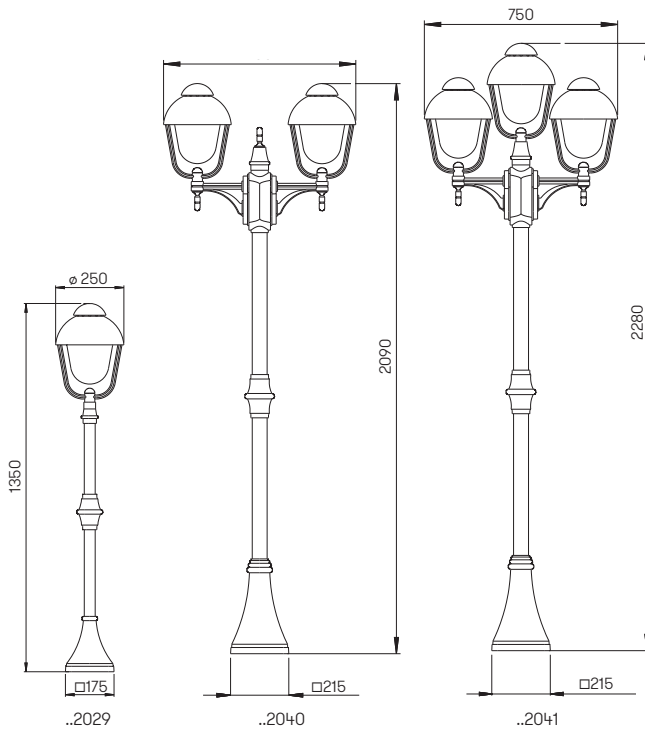


Wall lights
Pedestal lights
Path lights
Pole lights

for standard lamps
cast aluminium, with mounting plate
(only ..0689, ..0688)
pole light with pole
clear bubble glass



Recommended distance:
Pedestal and Path light 5 m
Pole light 10 m



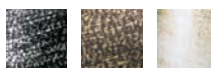
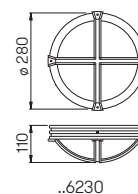
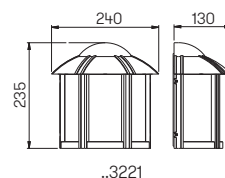
Art.-No.	Lamp	Base	Colour
Path lights			
662029	1 x lamp	E27	black
652029	1 x lamp	E27	brown-brass
682029	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690011	appropriate sunk pedestal		
Pole lights 2-units			
662040	2 x lamp	E27	black
652040	2 x lamp	E27	brown-brass
682040	2 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
Pole lights 3-units			
662041	3 x lamp	E27	black
652041	3 x lamp	E27	brown-brass
682041	3 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	





Wall- and Ceiling lights

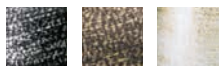
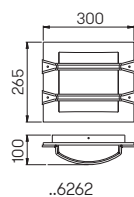
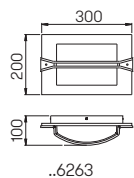
for standard lamps
cast aluminium, with mounting plate
opal glass, ..3221 acrylic glass opal



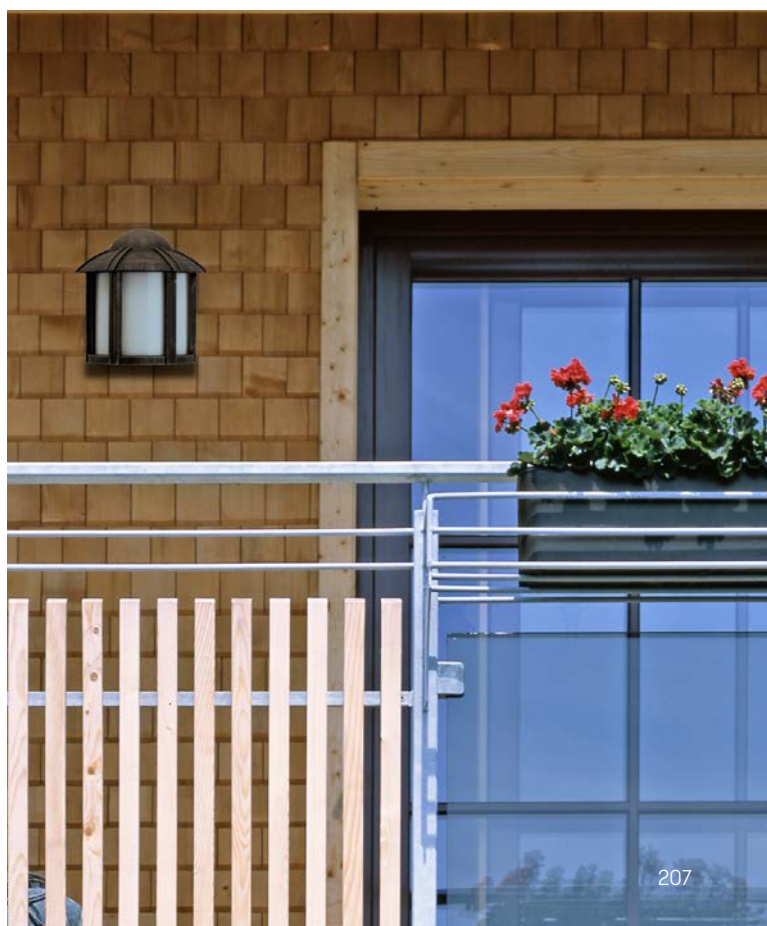
Art.-No.	Lamp	Base	Colour
Wall lights			
603221	1 × lamp	E27	black-silver
653221	1 × lamp	E27	brown-brass
673221	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
Wall and ceiling lights			
606230	1 × lamp	E27	black-silver
656230	1 × lamp	E27	brown-brass
676230	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	

Wall- and Ceiling lights

for standard lamps
cast aluminium, with mounting plate
opal glass



Art.-No.	Lamp	Base	Colour
Wall and ceiling lights			
606263	1 × lamp	E27	black-silver
656263	1 × lamp	E27	brown-brass
676263	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
606262	1 × lamp	E27	black-silver
656262	1 × lamp	E27	brown-brass
676262	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	

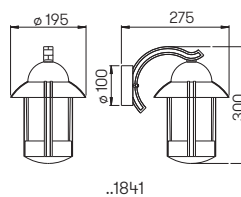




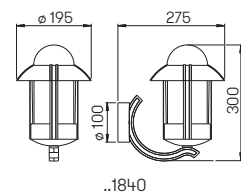
Wall lights
Pedestal lights
Bollard lights
Path lights

for standard lamps
 cast aluminium, with mounting plate
 opal glass

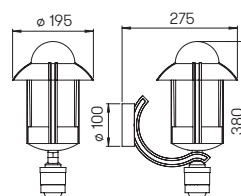
Recommended distance:
Pedestal and Path light 5 m



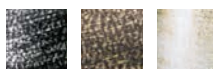
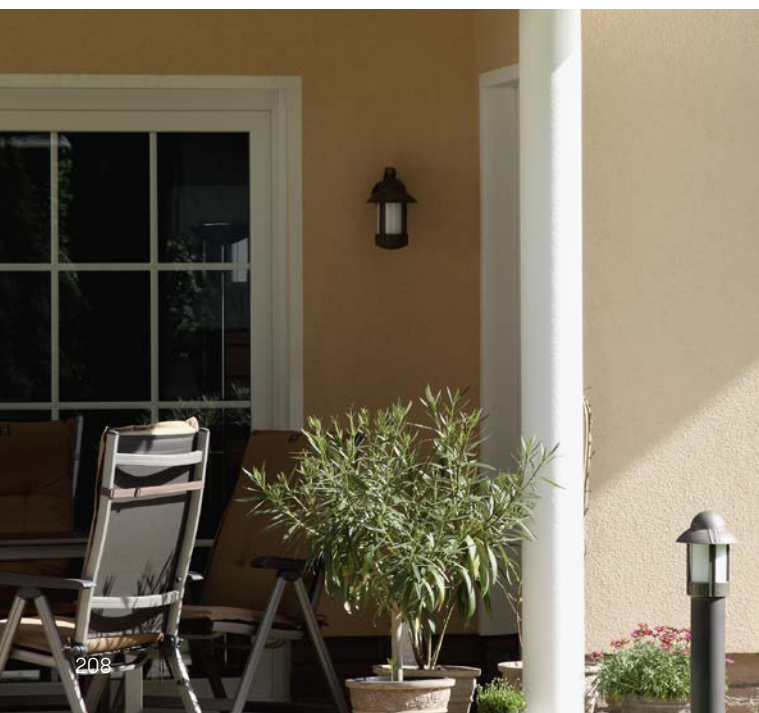
..1841



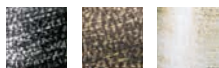
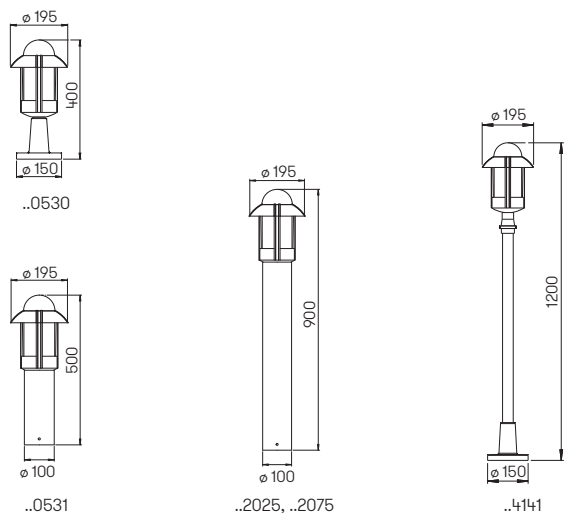
..1840



..1842



Art.-No.	Lamp	Base	Colour
Wall lights			
601841	1 x lamp	E27	black-silver
651841	1 x lamp	E27	brown-brass
671841	1 x lamp	E27	white-gold
90750100	appropriate lamp	E27	
..1005	appropriate corner plate		
Wall lights with movement detector			
601842	1 x lamp	E27	black-silver
651842	1 x lamp	E27	brown-brass
671842	1 x lamp	E27	white-gold
90750100	appropriate lamp	E27	
..1005	appropriate corner plate		

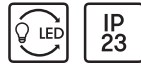


Art.-No.	Lamp	Base	Colour
Pedestal lights			
600530	1 x lamp	E27	black-silver
650530	1 x lamp	E27	brown-brass
670530	1 x lamp	E27	white-gold
90750100	appropriate lamp	E27	
690010	appropriate sunk pedestal		
600531	1 x lamp	E27	black-silver
650531	1 x lamp	E27	brown-brass
670531	1 x lamp	E27	white-gold
90750100	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Bollard lights			
602025	1 x lamp	E27	black-silver
652025	1 x lamp	E27	brown-brass
672025	1 x lamp	E27	white-gold
90750100	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Bollard lights with movement detector			
602075	1 x lamp	E27	black-silver
652075	1 x lamp	E27	brown-brass
672075	1 x lamp	E27	white-gold
90750100	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Path lights			
604141	1 x lamp	E27	black-silver
654141	1 x lamp	E27	brown-brass
674141	1 x lamp	E27	white-gold
90750100	appropriate lamp	E27	
690010	appropriate sunk pedestal		



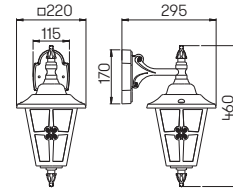


Wall lights
Pedestal lights
Path lights

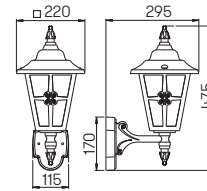


for standard lamps
cast aluminium, with mounting plate
(except ..0532, ..4136)
clear cathedral glass

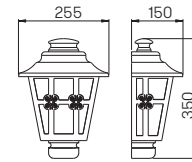
Recommended distance:
Pedestal and Path light 5 m



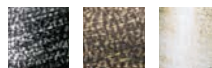
..1805



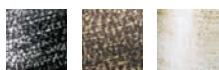
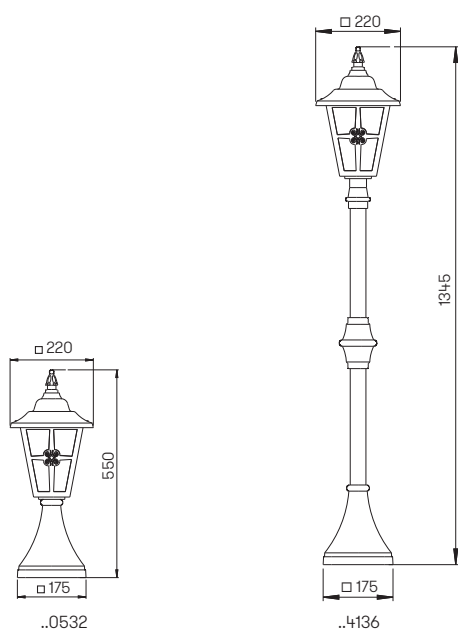
..1804



..3227



Art.-No.	Lamp	Base	Colour
Wall lights			
601805	1 × lamp	E27	black-silver
651805	1 × lamp	E27	brown-brass
671805	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1006	appropriate corner plate		
Pedestal lights			
601804	1 × lamp	E27	black-silver
651804	1 × lamp	E27	brown-brass
671804	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1006	appropriate corner plate		
Path lights			
603227	1 × lamp	E27	black-silver
653227	1 × lamp	E27	brown-brass
673227	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	



Art.-No.	Lamp	Base	Colour
Pedestal lights			
600532	1 × lamp	E27	black-silver
650532	1 × lamp	E27	brown-brass
670532	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690011	appropriate sunk pedestal		
Path lights			
604136	1 × lamp	E27	black-silver
654136	1 × lamp	E27	brown-brass
674136	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690011	appropriate sunk pedestal		

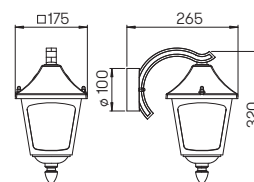


Wall lights
Pedestal lights
Path lights

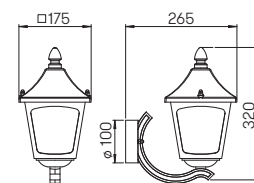
for standard lamps
cast aluminium, with mounting plate
clear hollow glass



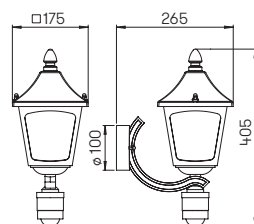
Recommended distance:
Pedestal and Path light 5 m



..1821



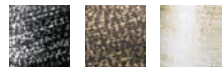
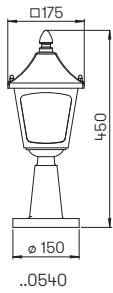
..1820



..1822



Art.-No.	Lamp	Base	Colour
Wall lights			
601821	1 × lamp	E27	black-silver
651821	1 × lamp	E27	brown-brass
671821	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1005	appropriate corner plate		
Wall lights with movement detector			
601822	1 × lamp	E27	black-silver
651822	1 × lamp	E27	brown-brass
671822	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1005	appropriate corner plate		



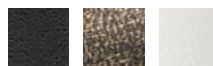
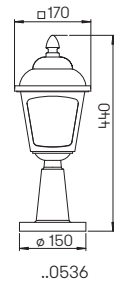
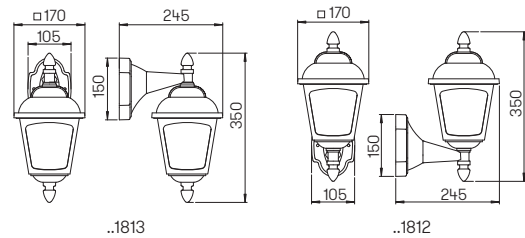
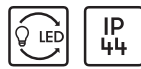
Art.-No.	Lamp	Base	Colour
Pedestal lights			
600540	1 × lamp	E27	black-silver
650540	1 × lamp	E27	brown-brass
670540	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Path lights			
604128	1 × lamp	E27	black-silver
654128	1 × lamp	E27	brown-brass
674128	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690010	appropriate sunk pedestal		





Wall- and Pedestal lights

for standard lamps
cast aluminium, with mounting plate
clear hollow glass

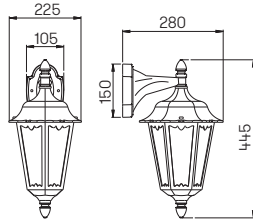


Art.-No.	Lamp	Base	Colour
Wall lights			
661813	1 x lamp	E27	black
651813	1 x lamp	E27	brown-brass
681813	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1006	appropriate corner plate		
Pedestal lights			
660536	1 x lamp	E27	black
650536	1 x lamp	E27	brown-brass
680536	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
..1006	appropriate corner plate		
690010	appropriate sunk pedestal		

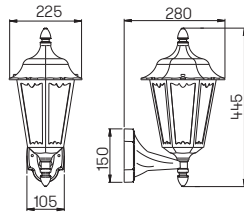
Wall lights



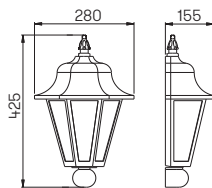
for standard lamps
cast aluminium, with mounting plate
clear cathedral glass



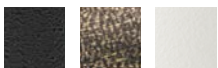
..1819



..1818



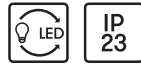
..3229



Art.-No.	Lamp	Base	Colour
Wall lights			
661819	1 x lamp	E27	black
651819	1 x lamp	E27	brown-brass
681819	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
.. 1006	appropriate corner plate		
Wall lights			
661818	1 x lamp	E27	black
651818	1 x lamp	E27	brown-brass
681818	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
.. 1006	appropriate corner plate		
Wall lights			
663229	1 x lamp	E27	black
653229	1 x lamp	E27	brown-brass
683229	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	

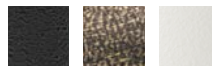
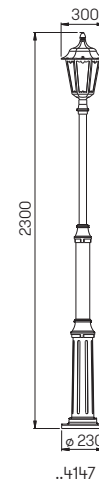
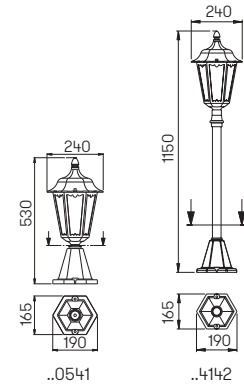


Pedestal lights
Path lights
Pole lights



for standard lamps
cast aluminium, with mounting plate
(only ..0541), pole light with pole
clear cathedral glass

Recommended distance:
Pedestal and Path light 5 m



Art.-No.	Lamp	Base	Colour
Pedestal lights			
660541	1 x lamp	E27	black
650541	1 x lamp	E27	brown-brass
680541	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690011	appropriate sunk pedestal		
Path lights			
664142	1 x lamp	E27	black
654142	1 x lamp	E27	brown-brass
684142	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690011	appropriate sunk pedestal		
Pole lights 1-unit			
664147	1 x lamp	E27	black
654147	1 x lamp	E27	brown-brass
684147	1 x lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690011	appropriate sunk pedestal		

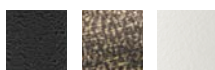
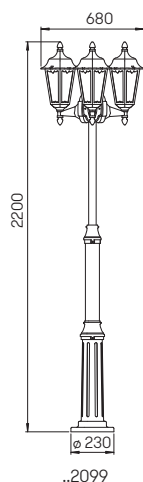


Pole lights



for standard lamps
 cast aluminium, with mounting plate
 pole light with pole
 clear cathedral glass

Recommended distance:
 Pole light 10 m



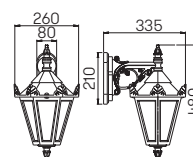
Art.-No.	Lamp	Base	Colour
Pole lights 3-units			
662099	3 × lamp	E27	black
652099	3 × lamp	E27	brown-brass
682099	3 × lamp	E27	white
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690011	appropriate sunk pedestal		



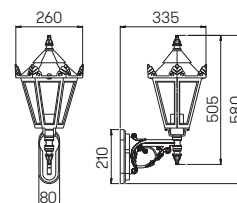
Wall lights



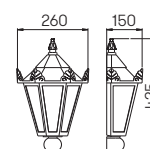
for standard lamps
cast aluminium, with mounting plate
clear plane glass



..1807



..1806



..3228



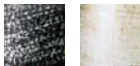
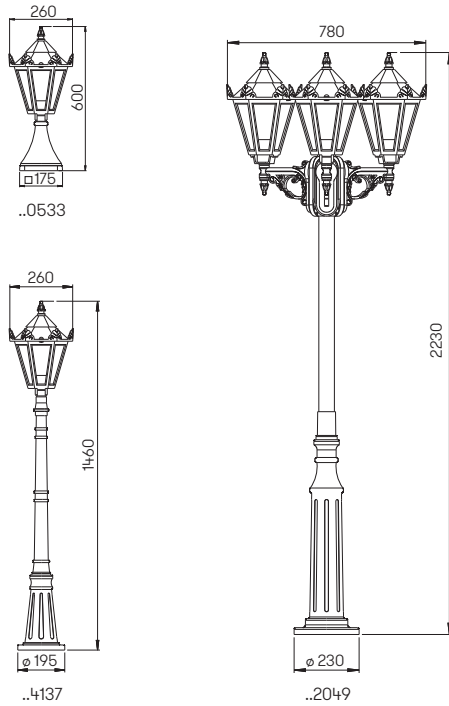
Art.-No.	Lamp	Base	Colour
Wall lights			
601807	1 x lamp	E27	black-silver
671807	1 x lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
.. 1007	appropriate corner plate		
601806	1 x lamp	E27	black-silver
671806	1 x lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
.. 1007	appropriate corner plate		
603228	1 x lamp	E27	black-silver
673228	1 x lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	

Pedestal lights
Path lights
Pole lights

for standard lamps
cast aluminium, with mounting plate
(only ..4137), pole light with pole
clear pane glass



Recommended distance:
Pedestal and Path light 5 m
Pole light 10 m



Art.-No.	Lamp	Base	Colour
Pedestal lights			
600533	1 × lamp	E27	black-silver
670533	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690011	appropriate sunk pedestal		
Path lights			
604137	1 × lamp	E27	black-silver
674137	1 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690010	appropriate sunk pedestal		
Pole lights 3-units			
602049	3 × lamp	E27	black-silver
672049	3 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690011	appropriate sunk pedestal		
Pole lights 4-units (not illustrated)			
602056	4 × lamp	E27	black-silver
672056	4 × lamp	E27	white-gold
90750100	appropriate lamp	E27	
90750101	appropriate lamp	E27	
90750102	appropriate lamp	E27	
690011	appropriate sunk pedestal		







p. 222



p. 223



p. 223



p. 223



p. 223



p. 224



p. 224



p. 224



p. 225



p. 225



p. 225



p. 226



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Letterboxes

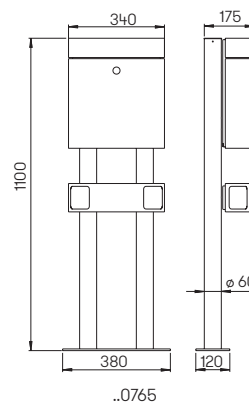




Letterbox with column
with newspaperholder
and column

stainless steel
for mounting on a foundation

Available on request for mounting in concrete.

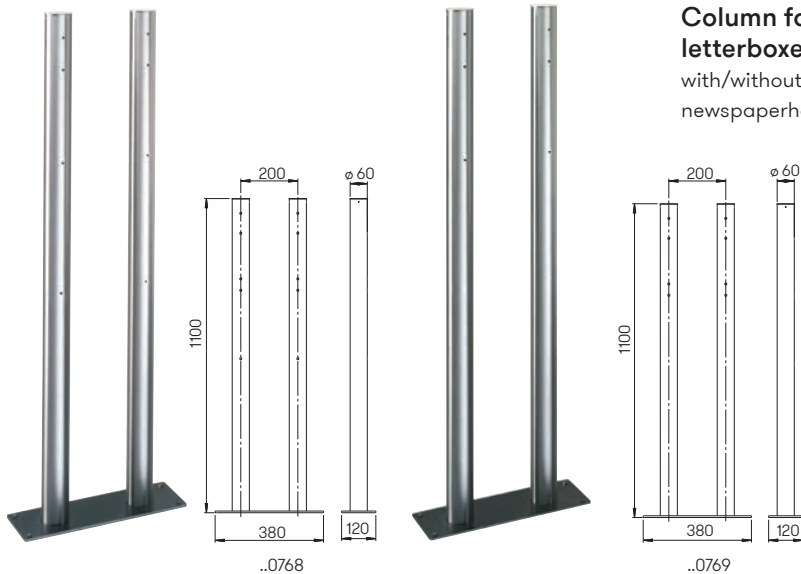


Art.-No.	Material	Deposit slot
690765	stainless steel	260 mm x 40 mm

Column for letterboxes
with/without fixing for
newspaperholder

stainless steel for installation of all
letterboxes made out of stainless steel
(except ..0773)
for mounting on a foundation

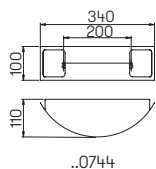
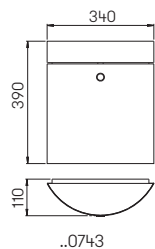
Available on request for mounting in concrete.



Art.-No.	Material
with fixing for newspaperholder 690768	stainless steel
without fixing for newspaperholder 690769	stainless steel

Wall letterbox and Newspaperholder

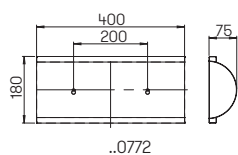
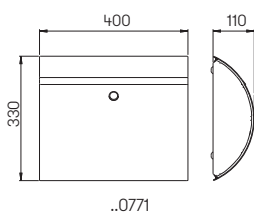
stainless steel
letter drop at the top
unloading to the front
with stainless steel lock and 2 keys,
mounting material included



Art.-No.	Material	Deposit slot
Wall letterbox		
690743	stainless steel	260 mm x 40 mm
Newspaperholder both sides open		
690744	stainless steel	

Wall letterbox and Newspaperholder

stainless steel
letter drop at the top
unloading at the front,
with stainless steel lock and 2 keys,
mounting material included

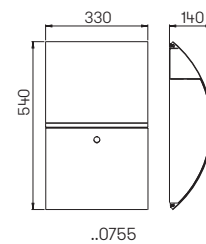
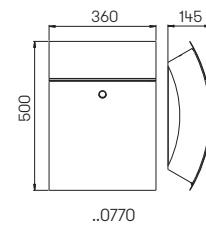
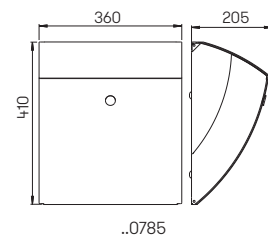


Art.-No.	Material	Deposit slot
Wall letterbox		
690771	stainless steel	290 mm x 45 mm
Newspaperholder open on both sides		
690772	stainless steel	



Wall letterboxes
with integrated
newspaperholder

stainless steel
newspaperholder both sides open
letter drop at the front
unloading to the front
with stainless steel lock and 2 keys,
mounting material included

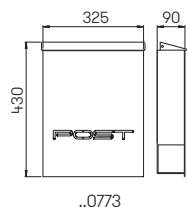


Art.-No.	Material	Deposit slot
690785	stainless steel	300 mm x 50 mm
690770	stainless steel	300 mm x 45 mm
690755	stainless steel	260 mm x 40 mm

Wall letterboxes

with integrated newspaperholder

stainless steel and aluminium newspaperholder both sides open body made out of aluminium varnished anthracite, letter drop at the top unloading from the right to the left, with stainless steel lock and 2 keys, mounting material included

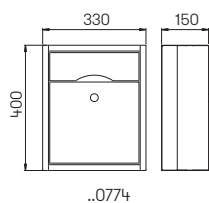
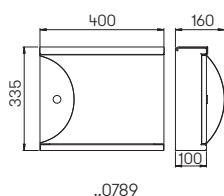


Art.-No.	Material / Colour	Deposit slot
690773	StSt / anthracite	280 mm x 40 mm

Wall letterboxes

with integrated newspaperholder

stainless steel newspaperholder on both sides open ..0789 letter drop at the top unloading from left to the right ..0774 letter drop at the front unloading to the front with stainless steel lock and 2 keys, mounting material included



Art.-No.	Material	Deposit slot
690789	stainless steel	300 mm x 40 mm
690774	stainless steel	255 mm x 37 mm

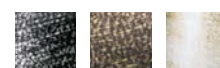
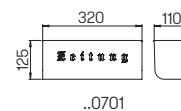
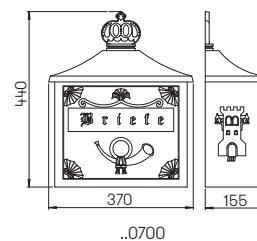


Available on request with column.

Wall letterboxes and newspaperholder

cast aluminium, letter drop at the front unloading from the left to the right with stainless steel lock and 2 keys, mounting material included

newspaperholder only for using with letterbox ..0700



Art.-No.	Colour	Deposit slot
Wall letterboxes		
600700	black-silver	255 mm x 45 mm
650700	brown-brass	255 mm x 45 mm
670700	white-gold	255 mm x 45 mm
newspaperholder open to the right		
600701	black-silver	
650701	brown-brass	
670701	white-gold	



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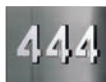
p. 230



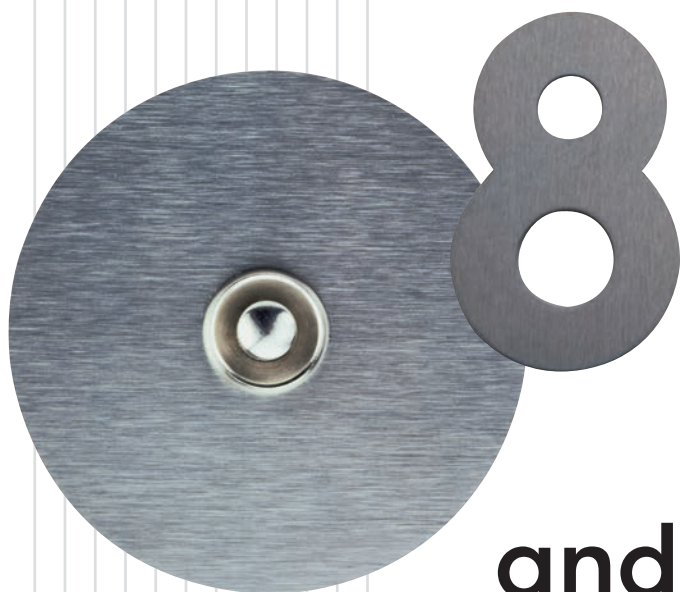
p. 230



p. 230



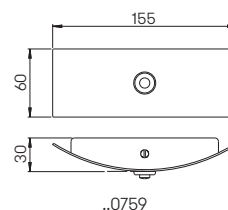
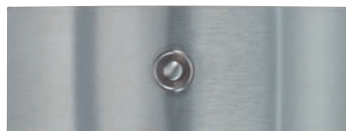
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Bell plates and house numbers

Bell plate

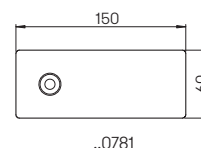
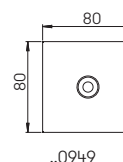
stainless steel
with mounting box
mounting material included



Art.-No.	Material
Bell plate single 690759	stainless steel 1,5 mm

Bell plates

stainless steel, with bolt attachment and
mounting material

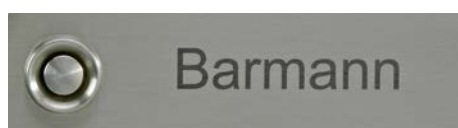


Art.-No.	Material
Bell plates single 690781	stainless steel 2 mm
690949	stainless steel 6 mm

Engravings

Our doorbell panels and plaques are available with an optional laser engraving according to your specifications.

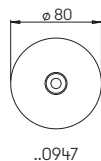
Laser engraving is a permanent, indelible, tamper-proof, thermally and chemically secure method of marking metal. A high precision laser beam guided over the surface of the metal makes this possible. The extremely high energy density of the laser beam melts, evaporates or chemically etches a thin layer on the surface, thus removing, oxidising or charring a small part of the surface. This leads to a colour-altering reaction. The extreme accuracy in the contours and detail of a laser engraving gives you lasting sustainability on hard and uneven surfaces. Since no physical contact or force is involved, the process is extremely gentle and clean for the surface treated. Engravings on curved surfaces will appear in slightly different colour shades in the metal marking depending on the angle of curvature of the surface. Articles with engravings are special products, and are therefore excluded from our return policy.



Art.-No.	Material
690028	Engraving

Bell plate

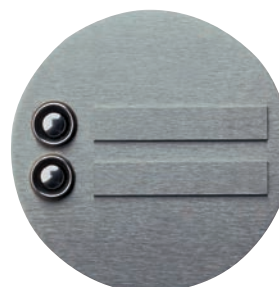
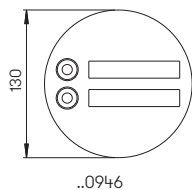
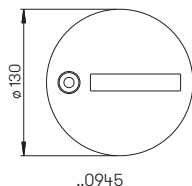
stainless steel, with bolt attachment and mounting material



Art.-No.	Material
Bell plate single 690947	stainless steel 6 mm

Bell plates

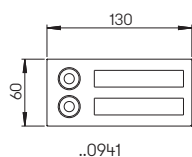
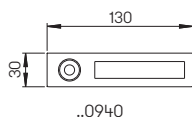
stainless steel, with bolt attachment and mounting material
name plates for engraving included



Art.-No.	Material
Bell plate single 690945	stainless steel 6 mm
Bell plate double 690946	stainless steel 6 mm

Bell plates

stainless steel, with bolt attachment and mounting material
name plates for engraving included

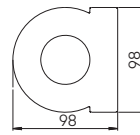


Art.-No.	Material
Bell plate single 690940	stainless steel 6 mm
Bell plate double 690941	stainless steel 6 mm

0 1 2 3 4
5 6 7 8 9
a b c

**House numbers
0 to 9 and
letters a, b, c**

stainless steel with bolt attachment
mounting material included

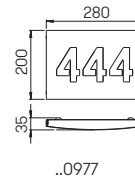
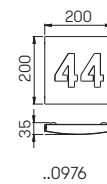
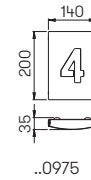
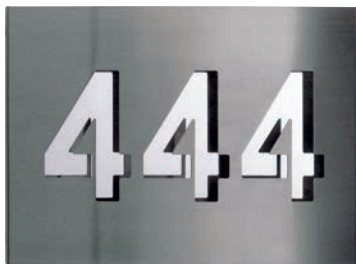


Art.-No.		Material
House numbers 0 up to 9		
690920	0	stainless steel
690921	1	stainless steel
690922	2	stainless steel
690923	3	stainless steel
690924	4	stainless steel
690925	5	stainless steel
690926	6	stainless steel
690927	7	stainless steel
690928	8	stainless steel
690929	9	stainless steel
Letters a, b, c		
690930	a	stainless steel
690931	b	stainless steel
690932	c	stainless steel



House numbers

stainless steel
house number with polished background
mounting plate
customized house number
lettering height: 100 mm



Art.-No.		Material
690975	1 number	stainless steel
690976	2 numbers	stainless steel
690977	3 numbers	stainless steel





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Accessory

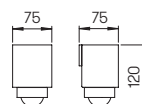


Wall movement detector



cast aluminium
 detecting range 360° adjustable.
 detecting distanz approx. 6 to 8 m, depending on the angle of approach as well of the installation height and decreasing at lower surrounding temperature.
 detection interval continously adjustable from 20 seconds up to 5 minutes,
 twilight switch included and adjustable from 2 up to 150 Lux,
 max. switched power 20 W LED lamps.

Due to possible voltage spikes, multiple detectors or lamps should not be connected in parallel



..1030

Art.-No.	colour
621030	anthracite
661030	black

Corner plates

stainless steel resp. cast aluminium

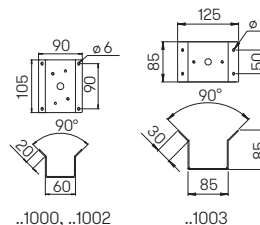
further items on request



..1000, ..1002



..1003, ..1004



..1000, ..1002

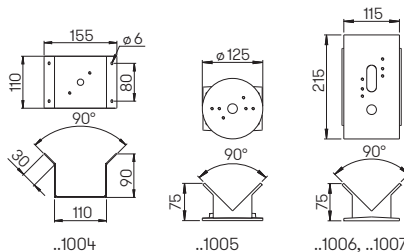
..1003



..1005



..1006 ..1007



..1004

..1005

..1006, ..1007



colour / material	corner plate						
	.. 1000	.. 1003	.. 1004	.. 1002	.. 1005	.. 1006	.. 1007
60.... black-silver				601002	601005	601006	601007
62.... bicolour				621002	621005	621006	621007
65.... brown-brass				651002	651005	651006	651007
66.... black				661002	661005	661006	661007
67.... white-gold				671002	671005	671006	671007
68.... white				681002	681005	681006	681007
69.... silver				691002	691005	691006	691007
69.... stainless steel	691000	691003	691004				

Stainless steel care tissue

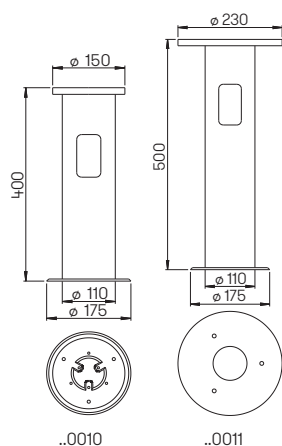
The microfibre-stainless steel care tissue with anti-finger print, effect cleans and maintains stainless steel and other metallic surfaces with its natural, environmentally friendly protective film, individually packed



Art.-No.	content
690027	10 care tissues

Sunk pedestal

cast aluminium
flange for three-screw base fitting



Art.-No.	hole circles	colour
690010	ø 40, 60, 85, 120 mm	black
690011	ø 136, 140, 170, 175, 190 mm	black

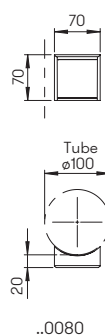


Built-in housing



Built-in housing with shockproof socket with increased contact protection, for aluminium bollard lights ø 100 mm, varnished in colour of the bollard light, installation and wiring included to the connection terminal

Art.-No.	
690080	Housing with socket

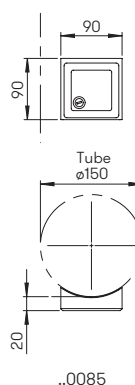


Built-in housing



Built-in housing with lockable shockproof socket for aluminium bollard lights ø 150 mm, varnished in colour of the bollard light, installation and wiring included to the connection terminal with 2 keys, keys can be removed in both positions

Art.-No.	
690085	Housing with lockable socket



Appropriate lamps

	LED Retrofit Classic* 	LED Retrofit Classic Sensor* 	LED Retrofit Filament* 
Art.-No.	90750100	90750101	90750102
Voltage	220-240 V, 50-60 Hz	220-240 V, 50-60 Hz	220-240 V, 50-60 Hz
Power	8,0 W	5,0 W	7,0 W
Energy consumption / 1000 h	8 kWh	5 kWh	7 kWh
Energy efficiency class EEI	A+	A+	A++
Colour temperature	2700 K	2700 K	2700 K
Luminous flux	806 lm	470 lm	806 lm
Average lifespan	15.000 h	15.000 h	15.000 h
Dimmable	ja	-	ja
Beam angle	360°	360°	360°
Diameter	60 mm	60 mm	60 mm
Length	116 mm	116 mm	116 mm
Base	E 27	E 27	E 27
Colour rendering index Ra / CRI	≥ 80	≥ 80	≥ 80
Notice	Osram	Osram with twilight switch	Osram

	LED Pin* 	LED PAR 16* 	LED PAR 30* 
Art.-No.	90750103	90750105	90750106
Voltage	220-240 V, 50-60 Hz	220-240 V, 50-60 Hz	220-240 V, 50-60 Hz
Power	2,8 W	6,0 W	10,0 W
Energy consumption / 1000 h	3 kWh	6 kWh	10 kWh
Energy efficiency class EEI	A++	A+	A+
Colour temperature	2700 K	2700 K	3000 K
Luminous flux	300 lm	350 lm	760 lm
Average lifespan	15.000 h	25.000 h	25.000 h
Dimmable	-	ja	ja
Beam angle	360°	36°	25°
Diameter	16 mm	55 mm	96 mm
Length	52 mm	58 mm	88 mm
Base	G 9	GU10	E27
Colour rendering index Ra / CRI	≥ 80	≥ 80	≥ 80
Notice	Osram	Osram	Philips

	LED PAR 38* 	LED PAR 20* 	LED Retrofit-Tube* 
Art.-No.	90750107	90750108	90750309
Voltage	220-240 V, 50-60 Hz	220-240 V, 50-60 Hz	220-240 V, 50-60 Hz
Power	12,5 W	6,0 W	10,0 W
Energy consumption / 1000 h	12,5 kWh	6 kWh	10 kWh
Energy efficiency class EEI	A+	A+	A+
Colour temperature	2700 K	3000 K	3000 K
Luminous flux	1035 lm	515 lm	850 lm
Average lifespan	25.000 h	25.000 h	15.000 h
Dimmable	ja	ja	-
Beam angle	30°	40°	240°
Diameter	122 mm	68 mm	38 mm
Length	133 mm	87 mm	153 mm
Base	E27	E27	E 27
Colour rendering index Ra / CRI	≥ 80	≥ 80	≥ 80
Notice	Osram, IP65	Philips	Daylight

Movement detector ..1030 and for Wall lamps

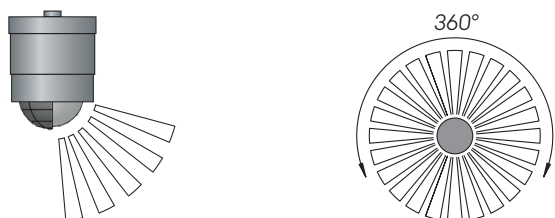
Nominal voltage

230 V, 50 Hz

Max. switched power

1000 W Incandescent and halogen lamps · 200 W Energy saving and LED lamps. Due to possible voltage spikes, multiple detectors or lamps should not be connected in parallel.

Angle of detection 360°

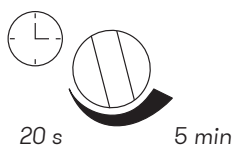


Reduction of the Angle of detection

The angle of detection can be modified by using the included cover strips. You can cover several parts of the lense to get the perfect angle for your use.

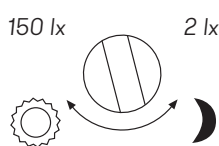
Detection interval

20 sec. to 5 min. (continuously)



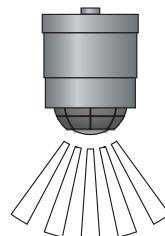
Brightness range

2 Lux to 150 Lux (continuously)



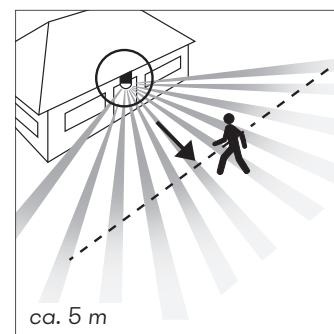
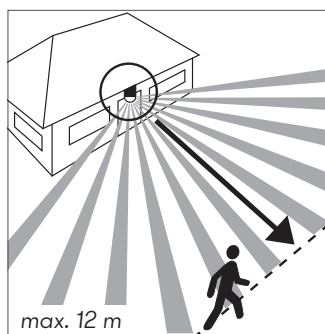
Detection range

approx. 6 to 8 m, depending on the angle of approach as well of the installation height and decreasing at lower surrounding temperature.



Reduction of the detection range

If the movement detector is mounted at a height of 2 m, the maximum detection range is about 12 m. It is possible to adjust the angle of detection. You can cover several parts of the lense to get the perfect detection range for your use.

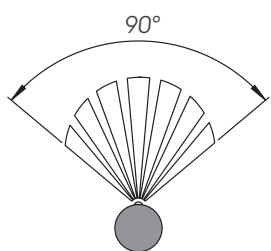


Movement detector for Bollard and Path lights

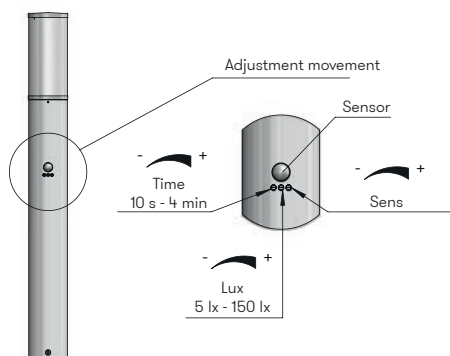
Nominal voltage

230 V, 50 Hz

Angle of detection 90°



Adjustment bollard



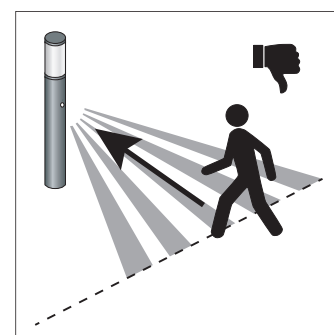
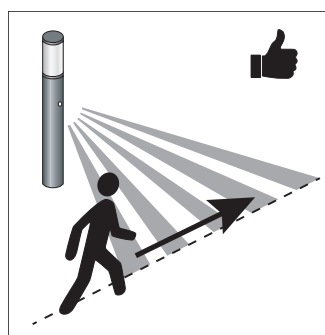
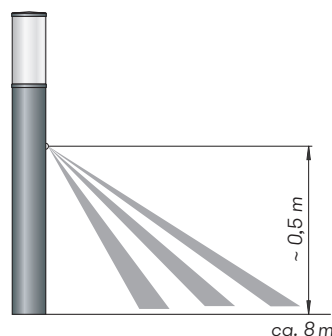
Max. switched power

100 W Incandescent and halogen lamps
20 W LED-lamps
30 W CFL max. 26 W each

Due to possible voltage spikes, multiple detectors or lamps should not be connected in parallel

Detection range

approx. 6 to 8 m, depending on the angle of approach as well of the installation height and decreasing at lower surrounding temperature.



Gebrüder Albert – Progress through change

We offer the guarantee of high-quality, technically solid and visually compelling outdoor lighting and accessories. Over the preceding decades, our awareness of traditional values, our 100 % “made in Germany” promise and our technical innovations have ensured that our company is a reliable partner. All our products are technically cutting edge and offer extensive usage possibilities. In order to distinguish more clearly the technical features of our different lights, we have added symbols to the representations in our catalogue.



LED-Technology

We have been using LED lighting for years. In our designs, we exclusively use high quality LED modules with high efficiency, long life, good colour rendering, and high luminous flux. We generally manufacture lights with a warm white colour temperature of 3000 K. A white colour temperature of 4000 K is also available on request. The necessary converters and LED elements are integrated into our products. Thus, our lights are designed for direct connection to 230 V, 50 Hz. The values given for light tone and luminous flux are typical average values. As these values may deviate slightly for manufacturing reasons, we cannot guarantee the same light tone and luminous flux values for reorders. In our catalogue, these lights are marked with the symbol displayed here.

For decades, we have now been specialists for products for use outdoors. Our experience has taught us that, especially with respect to moisture and humidity, special care must be taken. For this reason, as far as technically possible, we only use LED elements and power supplies that are protected against moisture by a clear sealing compound for many years. This is the only way to achieve a long-life expectancy even under difficult climatic conditions.

But at the point of installation precautions must also be taken to protect the LED technology. At this point we would like to refer the revised, valid, version of the DIN VDE 0100-443 standard with respect to the necessity and application of overvoltage protection measures in low voltage power supplies up to 1000 V AC and 1500 V DC. Thus, the electronics are protected against direct and indirect lightning strikes as well as against transient overvoltages.



Insect-friendly light with Albert Amber LED

With the Albert Amber LED (color temperature similar to 2,200 K), 90% of the light emitted is outside the visible range for insects, so they are hardly attracted by the artificial light source.



High voltage protection

To protect our lights for transient surges in the power net of a building, we integrate in many of our products high voltage protection elements. On this way the lights are secured over the prescribed by law.



Interchangeable LEDs

Under normal conditions of use, our LED components enjoy a lifespan of many years. However, if at any time you require a replacement: easy! For LED lights shown with this symbol, with a small amount of skill and standard tools, you can replace the LED circuit board yourself. We guarantee to provide a technically equivalent substitute for the coming years.



Interchangeable ALBERT LEDs

Many of our lights with conventional sockets can alternatively be fitted with energy-saving bulbs or retrofitted with LED bulbs. We always specify the maximum bulb wattage that should be fitted in the lamp's accompanying documents. Please take into account the performance level of replacement bulbs, and ensure that the bulb output is in accordance with the table we have provided. We cannot accept liability for the luminous efficiency or lifespan of replacement bulbs. Lights that are suitable for retrofitting are indicated by the symbol displayed here.



Replaceable bulbs

Many of our lights with conventional sockets can alternatively be fitted with energy-saving bulbs or retrofitted with LED bulbs. We always specify the maximum bulb wattage that should be fitted in the lamp's accompanying documents. Please take into account the performance level of replacement bulbs, and ensure that the bulb output is in accordance with the table we have provided. We cannot accept liability for the luminous efficiency or lifespan of replacement bulbs. Lights that are suitable for retrofitting are indicated by the symbol displayed here.

Please note that when switching LED retrofit light sources, very high starting currents can occur, which can be up to 1000 times the nominal current. These can have a negative effect on other electronic components, such as timer switches, motion detectors and twilight switches. The dimming of such substitution lamps can also cause significant malfunctions in the installation. For this reason, please avoid switching or dimming several retrofit lamps simultaneously in power circuits with several electronic switches, or use electronic switches that can withstand the high starting currents.



Replaceable reflector bulbs

Depending on the environmental conditions, a large number of our spotlights can be retrofitted with LED bulbs instead of the halogen reflector bulbs that were originally designed for them. Please observe the relevant technical specifications of the bulb manufacturer in all cases. Please understand that we do not take responsibility for the technical specifications provided by bulb manufacturers. Due to the diversity of manufacturers and types of bulb, we cannot make any statements on the thermal behaviour of retrofit bulbs of in our models. We always provide the bulb size and the maximum wattage that should be fitted in our lights. Please use the lamp light output specifications we provide to orientate yourself in accordance with the existing halogen mounting. Lights that are suitable for retrofitting are indicated by the symbol displayed here.

Please note that when switching LED retrofit light sources, very high starting currents can occur, which can be up to 1000 times the nominal current. These can have a negative effect on other electronic components, such as timer switches, motion detectors and twilight switches. The dimming of such substitution lamps can also cause significant malfunctions in the installation. For this reason, please avoid switching or dimming several retrofit lamps simultaneously in power circuits with several electronic switches, or use electronic switches that can withstand the high starting currents.



LED retrofit bulbs

For many years, we have continuously developed new lights, which are designed as standard for use with modern energy-saving bulbs or the latest LED retrofit bulbs. Ensure that you read our advice on "Replaceable bulbs" above. We have marked lights of this kind with the symbol displayed here to make them more easily visible.



Dali

A DALI-capable control gear is installed in luminaires with this identification or can be installed on request. The lights can be switched or dimmed via the DALI control line or the output can be controlled.



External dimmers

In the lights marked light intensity can be externally adjusted via a phase dimmer.



Movement detector wall lights and bollards

Energy consumption only when needed! Our lights with integrated movement detectors allow you to set the illumination time as well as the level of darkness that triggers the movement detector. The sensor contacts are always attached to the mains, so you are able to connect a parallel switch for continuous operation. For more information about technology and handling, please refer to the technical appendix p. 234.



HF presence detector

The built-in HF presence detector actively emits high-frequency waves and reacts to the smallest movements in the detection area. The detector also detects movement in the detection area when there is no direct visual contact. There is no preferred walking direction.



Twilight switch

Lights with an integrated twilight switch. The lights are switched on in the dusk and switched off in the morning dawn automatically.



AC/DC

Our light fixtures are equipped as standard with all the necessary operating equipment to enable connection to the conventional power grid at 230V / 50Hz. Lights marked with AC/DC can also be operated on a DC power supply operated.



Shockproof lamp cover

The robust and impact-resistant covers enable the lamps to withstand increased mechanical stress. The IK degree of impact-resistance is internationally standardised according to IEC 62262 and is a reference for the resistance to mechanical stress.



Upper and lower light

The light fixture has an upper light for indirect illumination above the mounting surface and a lower light for direct illumination of the surface.



Rotatable illuminant

The illuminant is mounted to allow rotation. Thus, the direction of the light can be individually adjusted according to requirements.



Degree of protection

Our lights are protected against direct contact and foreign bodies (first reference number) and moisture/water (second reference number) by their housing. The degree of protection indicates the suitability for various environmental conditions and is specified by us in accordance with IEC 60 529 (EN 60 529).

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600530	90210258	209	690010		90210309			622296	-	27	690010
600531	90210258	209	690010	620321	10260370	123	621002	622297	10260401	30	690010
600532	90220162	211	690011		90210309			622298	90270474	30	690010
600533	90220180	219	690011	620325	90220456	104	-	622315	10260461	184	-
600540	90210045	213	690010		90270455			622370	90220451	188	-
600542	10260368	201	690010	620326	90210391	96	-	622371	90220451	188	-
600609	90210060	61	601007						90220452		
600700	-	226	-	620331	90260492	67	-	622372	90220452	188	-
600701	-	226	-	620332	9026008	69	-	622389	90220315	172	-
601002	-	232	-	620333	90270493	107	-	622390	90220315	172	-
601005	-	232	-	620545	10260370	123	690010	622391	90220165	175	621005
601006	-	232	-		90210309			622398	90220358	168	-
601007	-	232	-	620554	90260141	111	690010	622399	90220165	168	-
601804	90220162	210	601006	620807	90220465	40	-	622432	90220456	170	-
601805	90220162	210	601006	620843	90220465	40	-	622433	90220488	170	-
601806	90220180	218	601007	620844	90220465	40	-	622480	90220486	182	-
601807	90220180	218	601007	620847	10260400	39	-	622481	90220486	182	-
601820	90210045	212	601005	620863	90220443	33	690011	622490	90270487	183	-
601821	90210045	212	601005	620864	90220442	35	690011	622491	90270487	183	-
601822	90210045	212	601005	620866	-	36	690011	624154	90260141	111	690010
601834	10260368	200	601006	620867	10260400	31	-	624400	-	21	-
601835	10260368	200	601006	620868	90270473	31	-	624400-CH	-	21	-
601836	10260368	200	601006	620869	90270473	31	-	624400-F	-	21	-
601840	90210258	208	601005	620880	90220361	40	-	624401	-	21	-
601841	90210258	208	601005	620897	10260400	31	-	624402	-	20	-
601842	90210258	208	601005	621002	-	232	-	624402-CH	-	20	-
602014	90210060	61	690010	621005	-	232	-	624402-F	-	20	-
602025	90210258	209	690010	621006	-	232	-	624403	-	20	-
602049	90220180	219	690011	621007	-	232	-	624403-CH	-	20	-
602050	90210060	61	690011	621030	-	232	-	624403-F	-	20	-
602051	90210060	61	690011	621854	90260141	110	651005	624405	-	16	690011
602056	90220180	219	690011	621855	90260141	110	651005	624406	-	20	-
602075	90210258	209	690010	622065	90220456	104	690010	624406-CH	-	20	-
603221	10260375	206	-		90270455			624406-F	-	20	-
603225	10260367	201	-	622070	10260370	123	690010	624407	-	16	690011
603227	90220163	210	-		90210309			624408	-	20	-
603228	90220181	218	-	622086	90270491	101	690010	624408-CH	-	20	-
604128	90210045	213	690010	622087	90270466	26	690010	624408-F	-	20	-
604136	90220162	211	690011	622091	90220441	33	690010	624409	-	16	690011
604137	90220180	219	690010	622093	90220440	35	690010	624410	-	15	690010
604139	10260368	201	690010	622102	-	18	690010	624411	-	15	690010
604141	90210258	209	690010	622202	10260092	18	690010	624412	-	15	690011
606230	90210305	206	-	622228	90220483	103	690010	624440	-	14	-
606262	90210348	207	-	622230	90220462	102	690010	626004	-	117	-
606263	90210349	207	-	622232	90210391	96	690010	626005	-	117	-
620031	-	118	-	622240	10260092	90	690010	626058	90210118	126	-
620032	-	118	-	622242	90260492	67	690010	626140	90210107	126	-
620111	-	27	-	622252	90260088	69	690010	626144	90210107	124	-
620210	90220440	35	-	622267	10260401	30	690010	626180	90210154	124	-
620219	90220441	33	-	622269	10260370	123	690010	626199	90210349	125	-
620230	90220462	102	-		90210309			626202	90210348	125	-
620233	90220483	103	-	622271	replacement article 622273			626223	90210107	126	-
620234	90220483	103	-	622273	90220382	26	690011	626224	90210107	124	-
620274	10260503	88	621002	622274	10260505	28	690010	626250	90210348	127	-
620275	10260504	89	621002	622275	10260506	28	690010	626251	90210348	127	-
620277	90210281	83	621002	622277	90210281	83	690010	626260	90210107	127	-
620278	90210281	83	621002	622278	90210281	83	690010	626261	90210107	127	-
620280	-	71	-	622279	90270494	107	690010	626307	90210410	81	-
620281	90260088	70	-	622280	-	71	690010	626308	90210411	81	-
620290	90270471	100	-	622281	90260088	70	690010	626309	90210412	81	-
620308	90220361	40	-	622288	90270494	30	690010	626337	90270416	29	-
620310	90220465	40	-	622289	90270477		690010	626338	90270417	29	-
620311	10260370	123	621002		90270478			626339	90270418	29	-
	90210309			622290	90270471	100	690010	626400	90210392	118	-
620320	10260370	123	621002	622294	10260503	88	690010	626401	90210393	118	-
				622295	10260504	89	690010				

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626403	90270457	64	-	653222	10260367	198	-	660529	90260144	197	690010
626404	replacement article 626420			653225	10260367	201	-	660536	90210045	214	690010
626409	replacement article 626419			653227	90220163	210	-	660538	90210061	57	690010
626410	replacement article 626421			653229	90220161	215	-	660539	10260373	198	690010
626411	replacement article 626422			654126	10260373	199	690010	660541	90220172	216	690011
626419	90210305	91	-	654127	10260373	199	690010	660545	10260370	87	690010
626420	90270458	90	-	654128	90210045	213	690010		90210309		
626421	90210124	80	-	654129	90260144	197	690010	660554	90260141	111	690010
626422	90210126	64	-	654136	90220162	211	690011	660556	90210258	75	690010
626438	90270417	29	-	654139	10260368	201	690010	660599	90220108	74	690010
626439	90270418	29	-	654141	90210258	209	690010	660612	90210116	58	661005
626560	90270500	65	-	654142	90220172	216	690011	660616	90210132	112	-
626561	90270501	65	-	654147	90220182	216	690011	660617	90210100	113	-
626562	90270502	65	-	654150	90210094	202	690010	660618	90220108	74	-
650515	90210145	204	690011	654152	90210258	203	690010	660633	90210095	54	661005
650529	90260144	197	690010	656230	90210305	206	-	660639	90210061	56	661005
650530	90210258	209	690010	656262	90210348	207	-	660641	90210061	56	661005
650531	90210258	209	690010	656263	90210349	207	-	660645	90210307	113	661005
650532	90220162	211	690011	660031	-	118	-	660646	90210307	113	661005
650536	90210045	214	690010	660032	-	118	-	660661	90210094	114	661005
650539	10260373	198	690010	660034	-	116	-	660662	90210094	114	661005
650540	90210045	213	690010	660044	-	116	-	660669	90210094	115	661005
650541	90220172	216	690011	660111	-	27	-	660671	90210048	105	-
650542	10260368	201	690010	660210	90220440	35	-	660672	replacement article 660677		
650688	90210145	204	651006	660212	90210258	75	-	660673	90220110	106	-
650689	90210145	204	651006	660213	90210309	72	-	660677	90210048	105	-
650700	-	226	-	660215	90210309	94	661006	660688	90210145	204	661006
650701	-	226	-	660219	90220441	33	-	660689	90210145	204	661006
651002	-	232	-	660221	90210309	94	661006	660698	90210042	60	661006
651005	-	232	-	660223	90210309	94	661006	660699	90220108	74	-
651006	-	232	-	660230	90220462	102	-	660800	90260074	53	-
651007	-	232	-		90270463			660801	90260075	53	-
651804	90220162	210	651006	660233	90220483	103	-	660802	90260076	53	-
651805	90220162	210	651006	660234	90220483	103	-	660807	90220465	40	-
651812	90210045	214	651006	660240	90210252	93	-	660808	10260250	38	-
651813	90210045	214	651006	660257	90210060	54	661005	660809	10260255	38	-
651814	90260144	196	651006	660274	10260503	88	661002	660843	90220465	40	-
651815	90260144	196	651006	660275	10260504	89	661002	660844	90220465	40	-
651816	90260144	196	651006	660277	90210281	83	661002	660847	10260400	39	-
651818	90220172	215	651006	660278	90210281	83	661002	660850	90260074	52	-
651819	90220172	215	651006	660280	-	71	-	660854	90260075	52	-
651820	90210045	212	651005	660281	90260088	70	-	660858	90260076	52	-
651821	90210045	212	651005	660290	90270471	100	-	660861	10260230	37	690011
651822	90210045	212	651005	660308	90220361	40	-	660862	replacement article 660861		
651824	10260373	198	651005	660310	90220465	40	-	660863	90220443	33	690011
651825	10260373	198	651005	660311	10260370	85	661002	660864	90220442	35	690011
651834	10260368	200	651006		90210309			660866	-	36	690011
651835	10260368	200	651006	660320	10260370	85	661002	660867	10260400	31	-
651836	10260368	200	651006		90210309			660868	90270473	31	-
651840	90210258	208	651005	660321	10260370	85	661002	660869	90270473	31	-
651841	90210258	208	651005		90210309			660880	90220465	40	-
651842	90210258	208	651005	660325	90220456	104	-	660897	10260400	31	-
651850	90210094	202	651006		90270455			661002	-	232	-
651852	90210258	203	651005	660326	90210391	96	-	661005	-	232	-
652025	90210258	209	690010	660331	90260492	67	-	661006	-	232	-
652029	90210145	205	690011	660332	90260088	69	-	661007	-	232	-
652040	90210145	205	-	660333	90270493	107	-	661008	-	39	-
652041	90210145	205	-	660501	90210095	60	690011	661009	-	39	-
652042	10260373	199	690011	660503	90210095	55	690010	661010	-	39	-
652046	90260144	197	-	660507	90210309	95	690010	661015	-	52	-
652075	90210258	209	690010	660508	90210309	72	690010	661016	-	52	-
652099	90220172	217	690011	660515	90210145	204	690011	661017	-	52	-
652102	-	18	690010	660520	90210116	58	690010	661030	-	232	-
652202	10260092	18	690010	660521	90210096	99	690010	661812	90210045	214	661006
653221	10260375	206	-	660523	90220108	74	690010	661813	90210045	214	661006

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661814	90260144	196	661006	662155	90220159	173	661005	662401	90220337	187	-
661815	90260144	196	661006	662156	90220159	173	-		90220336		
661816	90260144	196	661006	662182	90220338	174	661005	662402	90220336	187	-
661818	90220172	215	661006	662183	90220338	174	-	662410	90220321	176	-
661819	90220172	215	661006	662193	90220165	180	-	662411	90220320	176	-
661824	10260373	198	661005	662197	90220165	169	-	662415	90220337	189	-
661825	10260373	198	661005	662198	90220165	180	-	662416	90220337	189	-
661850	90210094	202	661006	662202	10260092	18	690010		90220437		
661852	90210258	203	661005	662203	10260235	37	690010	662417	90220437	189	-
661854	90260141	110	661005	662204	replacement article 662203			662432	90220456	170	-
661855	90260141	110	661005	662221	90210281	97	690010	662433	90220488	170	-
662002	90210096	99	690010	662228	90220483	103	690010	662480	90220486	182	-
662003	90210095	60	690011	662230	90220462	102	690010	662481	90220486	182	-
662005	90210094	114	690010	662232	90210391	96	690010	662490	90270487	183	-
662009	90210281	97	690010	662240	10260092	90	690010	662491	90270487	183	-
662010	90210095	55	690010	662241	90210258	75	690010	663000	90210350	77	690010
662012	90210095	55	690010	662242	90260492	67	690010	663222	10260367	198	-
662015	90210096	99	690010	662249	90210252	93	690010	663229	90220161	215	-
662016	90220108	74	690010	662252	90260088	69	690010	664126	10260373	199	690010
662019	90210252	93	690010	662266	90210309	72	690010	664127	10260373	199	690010
662026	90210100	113	690010	662267	10260401	30	690010	664129	90260144	197	690010
662029	90210145	205	690011	662269	10260370	87	690010	664142	90220172	216	690011
662030	90210116	58	690010		90210309			664147	90220182	216	690011
662031	90210132	112	690010	662274	10260505	28	690010	664150	90210094	202	690010
662032	90210132	112	690010	662275	10260506	28	690010	664152	90210258	203	690010
662040	90210145	205	-	662277	90210281	83	690010	664154	90260141	111	690010
662041	90210145	205	-	662278	90210281	83	690010	664405	-	16	690011
662042	10260373	199	690011	662279	90270494	107	690010	664407	-	16	690011
662043	90210309	95	690010	662280	-	71	690010	664409	-	16	690011
662046	90260144	197	-	662281	90260088	70	690010	666004	-	117	-
662047	90210147	115	690011	662288	90270474	30	690010	666005	-	117	-
662052	90210132	112	690011	662289	90270477		690010	666028	90210063	91	-
662053	90210061	57	690010		90270478			666031	90210064	98	-
662054	90210070	57	690010	662290	90270471	100	690010	666034	90210063	97	-
662065	90220456	104	690010	662294	10260503	88	690010	666037	90210064	98	-
	90270455			662295	10260504	89	690010	666040	90210102	106	-
662066	90210309	72	690010	662296	-	27	690010	666041	90210102	106	-
662070	10260370	87	690010	662297	10260401	30	690010	666046	90210064	98	-
	90210309			662298	90270474	30	690010	666047	90210063	92	-
662073	90210147	115	690011	662299	90220108	74	690010	666105	90210305	92	-
662077	90210048	105	690010	662306	90220342	185	-	666106	90210305	92	-
662078	90210048	105	690010	662307	90220342	185	-	666147	90220317	109	-
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662123	-	175	-	662372	90220452	188	-	666328	90210063	91	-
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662130	-	179	-	662381	90220338	174	661005	666367	90220377	108	-
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Gebrüder Albert GmbH & Co. KG Leuchtenfabrik

Quality

Quality is our first priority! We only use selected materials, which also stand firm against the increased pressure on the environment. For example aluminium, brass, stainless steel, synthetic resin varnish, silicat-, acrylic- and impact-resistant glasses. Our products are permanently under examinations. This is the guarantee for our national and international customers, wholesalers and communities to buy high albert-quality.

Colours

Our products made of aluminium can be varnished in all colours according RAL- or DB-cards (DIN 67530, matt). Our standard-items are available in the following colours:

60... = black-silver

62... = bicolor: stainless steel / anthracite or silver / anthracite

65... = brown-brass

66... = black = RAL 9005

67... = white-gold

68... = white = RAL 9002

69... = silver = RAL 9006

Special shapes

Because of our high-qualified employees in our development-department, the technical labor and the construction we are in the position to develop individual solutions for our customers. We are able to realize them briefly because of our own production. This is not especially for modified assembly or special colours but also for writings, signs and emblems to the print of a complete newdevelopment according your details.

Property right

We have protected some of our products with trademarks, design patents or utility patents. Legal action will be taken against any violations of trademark laws or if our layout and text is used without our written approval.

Safety

The lamps, shown in this catalogue, and also special models have been developed and produced according the european regulations EN 60598/VDE 0711. The items are tested respectively are announced for testing. It takes part of it that the lamps are stipulated. All deviations should be discussed with us. In case that our products are changed by third, they will be the manufacturer.

Please note that generally compact fluorescent lamps react differently dependent on the temperature. So the behaviour is quite different in outdoor- than in indoor lamps.

Our information due to surface temperature of our ground recessed lamps are based on the use outside ($t_a=15^\circ\text{C}$) according EN 60598.

Plannings

We are always pleased to advise you in planning your lighting installations. According exact details of your plans in form of scale diagrams with information on the purpose to which the illuminated area will be put, we will develop your individual lighting-concept.

It is our pleasure to be your partner in light!

Our general conditions of sale apply, these can be found at www.albert-leuchten.de/impressum.



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We reserve the right to modify technical specifications. Dimensions approx. in mm.

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