

# SYLVANIA

# SYLVANIA

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# RANA

For a brighter workplace

Information provided herein does not assure any quality features. Although every effort has been made to ensure accuracy in the compilation of technical information, specifications and performance are subject to change without notice. We expressly exclude liability for any such inaccuracies or errors to the fullest extent permitted by law.

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# SYLVANIA

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# Your global partner for full spectrum lighting solutions



We are Havells-Sylvania, one of the world's major lighting groups for more than a century. We strive to improve the way people live by enabling them to enjoy better lighting in a more sustainable manner. Today, we continue to build on our exceptional reputation as an innovator and creator of high-efficiency, energy-saving, light sources and luminaires, by providing full spectrum lighting solutions tailored to individual needs.



Our three main brands – Concord, Lumiance and Sylvania – concentrate strengths in innovative product design, engineering and production, plus application expertise, in their specialised areas of activity: high-end architectural, decorative and functional professional lighting respectively.

Our 2007 acquisition, by Havells India Ltd, gives us the financial strength and resources to significantly expand and improve the business. The group, which has 94 branches and representative offices and 8,000 staff in more than 50 countries, has grown rapidly to become a US\$1.2 billion company with 18 manufacturing plants in India, Europe, Latin America and Africa, producing globally acclaimed products such as switchgear, cables, wiring devices and lighting.



# The NEW RANA range

In response to customer feedback Sylvania Luminares has expanded its low luminance RANA T5 family range. There are new superior optics designed to provide wide spread light distributions (direct, direct/indirect and asymmetric) economically; greater variety of available applications (recessed, surface and suspended) and 'intelligence' via dimming and occupancy detection sensors. The product is also easy to install and aesthetically pleasing.

## Ecology from economy

Once of the most desirable effects of good design is making an impact. But nowadays when creating anything from office space to lighting, it is equally important to consider how design can be used to minimise the impact we make on the environment.

Using class-leading innovations such as the new satin 1595 louvres, RANA provides large energy savings without having to save on design, light quality or versatility.

RANA's unique, European in-house design allows for a wide range of uses. RANA Surface's small and sleek body and the shallow, adaptive form of RANA recessed, allow both products to be used in spaces where ceiling height is limited, or in representative areas where energy consumption is key.

At Havells Sylvania, we like to go the extra mile, that's why we can offer you custom paint finishes. Below is the RANA Noir we developed for one of our customers.



NEW



# The RANA family



NEW

RANA Recessed

NEW

RANA Pull-up (for plasterboard ceilings)

NEW

RANA Surface

RANA Direct / Indirect & RANA Direct

RANA Direct Asymmetric



# Perfect control

Our innovative light distribution and reflection delivers more light from less energy. 1092 and 1595 louvres are a true reflection of Havell Sylvania's dedication to ecological lighting solutions. With high LORs and low glare, RANA meets new European legislations with ease.

## High performance from less energy

1092 Louvre optics are made from high gloss aluminium that reflects 99.6% of the light created by the tubes. The light is distributed much more efficiently, with only miniscule amounts being lost or obscured, achieved in combination with the back reflectors. This allows for the fitment of fewer tubes in a luminaire – three 14 watt T5 tubes give the same quantity of light as four 18 watt T8 tubes. And since the light is distributed in the most efficient way possible, the glare levels of 1092 Louvres are always below 800 cd/m<sup>2</sup>.

The new 1595 Louvre optic offers even better application performance. Using semi-specular satin optics it delivers class leading light output ratios (LOR 95%) with exceptionally low glare (below 1500cd/m<sup>2</sup>), thus maximising light on working surfaces while minimising screen reflections and discomfort glare. As per the 1092 Louvre the result is improved luminaire spacings and more positive working and learning environments.

The 1092 and 1595 Louvres are a new landmark in the lighting market – low glare, high efficiency, LOR levels of up to 95%, energy savings of more than 40% and flexible, striking design mean that higher performance from less energy and fewer resources is finally here.

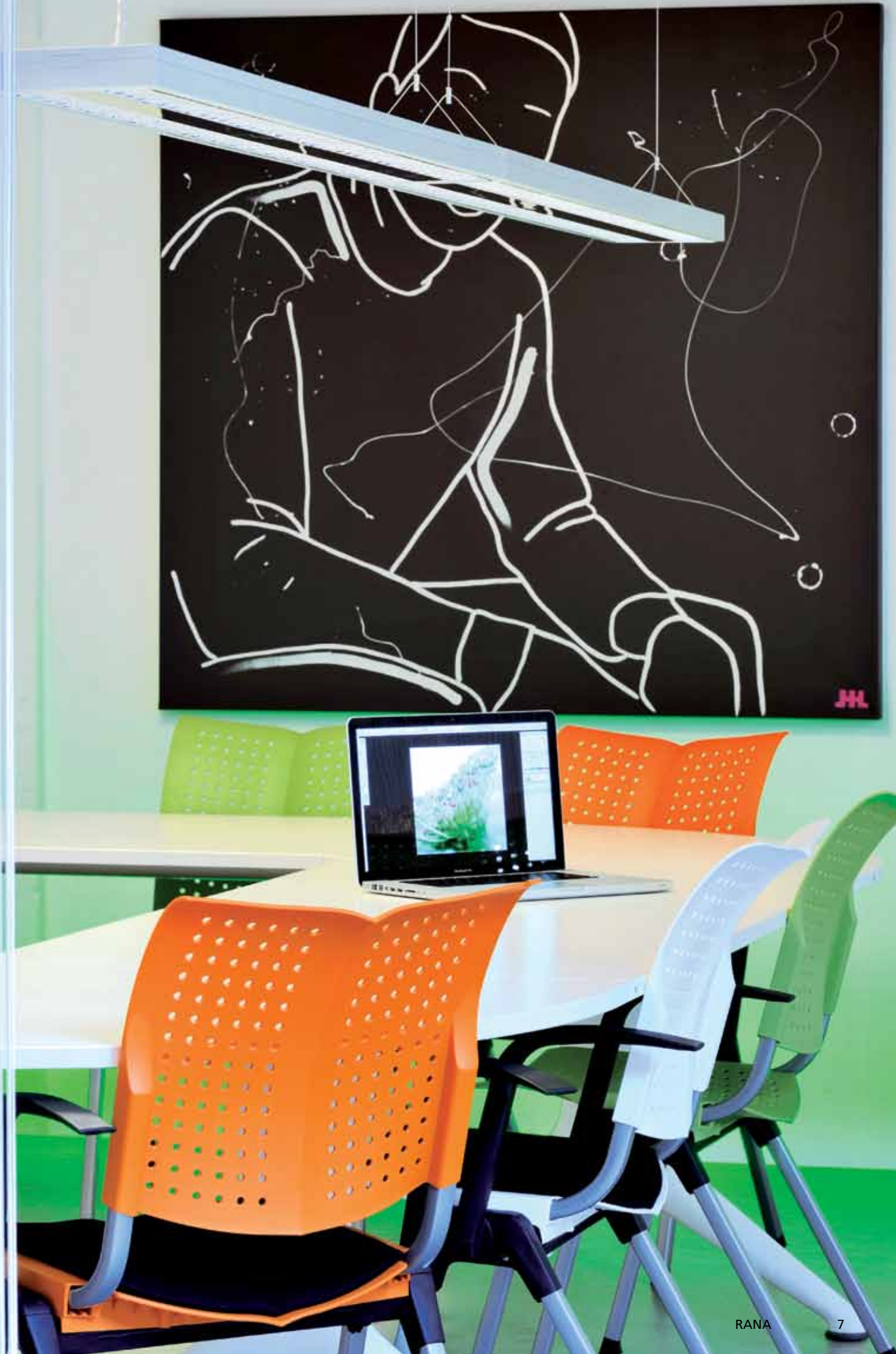
When used with our Lighting Control systems, RANA really can offer perfect control.



1092 Louvre – Mirror bright



1595 Louvre – Satin bright



# RANA Recessed

The RANA Recessed range offers great flexibility and scope to the lighting designer and installer. The ceiling body is available in square and rectilinear options to accommodate twin, three or four-way T5 lampways (14W to 54W) and comes with a choice of louvre materials or solid optics for class leading illuminance of working surfaces (LOR up to 95%). An small recess depth – 120mm (180mm for prismatic version) – suits shallow ceiling voids.



## Dimensions

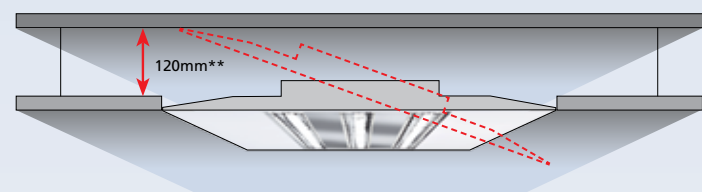
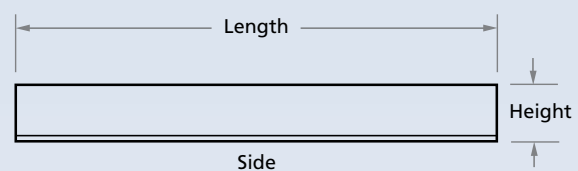
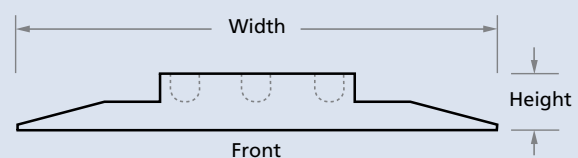
600x600 modules / 300x1200 modules

Fitting	2x28W	2x54W	3x14W	3x24W	4x14W	4x24W	2x14W	2x14/24W
Width (mm)	294	294	594	594	594	594	594	594
Length (mm)	1196	1196	592	592	592	592	592	592
Height (mm)	46	46	46*	46	46*	46	46	46

\* For Prismatic version, height = 82mm

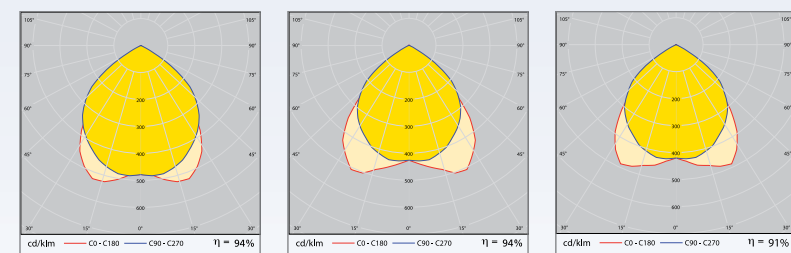
625x625 modules / 312.5x1250 modules

Fitting	2x28W	2x54W	3x14W	3x24W	4x14W	4x24W	2x14W	2x14/24W
Width (mm)	306	306	619	619	619	619	619	619
Length (mm)	1246	1246	621	621	621	621	621	621
Height (mm)	46	46	46	46	46	46	46	46



The shallow box design allows installation in ceilings giving a very limited headspace.  
\*\* For Prismatic version, recess depth = 180mm

## Light Distribution



RANA 600 2x28W FHE  
1092 Mirror bright louvre

RANA 600 3x14W FHE  
1092 Mirror bright louvre

RANA 600 4x14W FHE  
1092 Mirror bright louvre

# RANA Pull-up

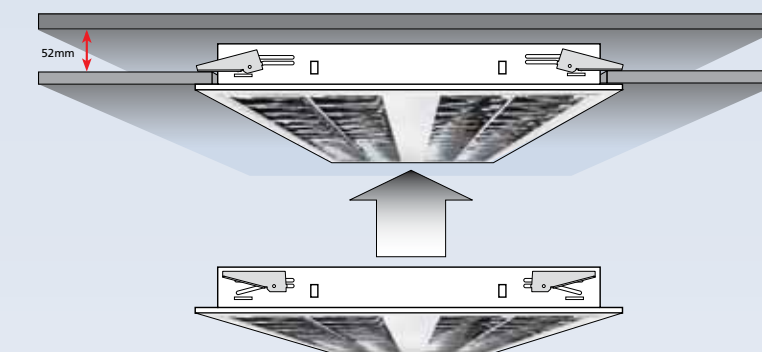
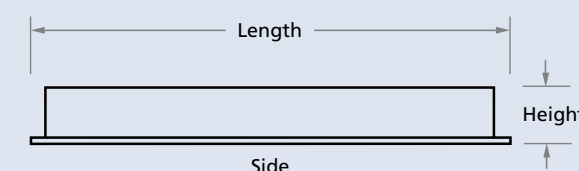
The RANA Pull-up is the contractor's perfect choice for easy and rapid installation into plasterboard ceilings. Each recessed module is supplied with adjustable side arm brackets for 'pull-up' installation. The brackets ensure correct alignment in the ceiling and minimal handling of the louvres; resulting in a neat and clean lined appearance with maximum visual appeal. An extremely small recess depth of 52mm suits shallow plasterboard ceiling voids.



## Dimensions

600x600 modules / 300x1200 modules

Fitting	2x28W	2x54W	3x14W	3x24W	4x14W	4x24W
Width (mm)	294	294	594	594	594	594
Length (mm)	1196	1196	592	592	592	592
Height (mm)	46	46	46	46	46	46

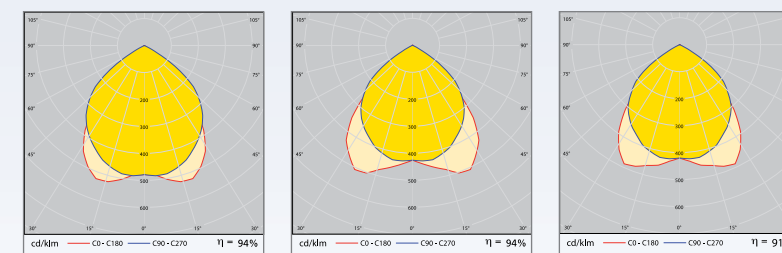


The shallow box design allows installation in ceilings giving a very limited headspace.

RANA Pull-up (for plasterboard ceilings)



## Light Distribution



RANA 600 2x28W FHE  
1092 Mirror bright louvre

RANA 600 2x28W FHE  
1092 Mirror bright louvre

RANA 600 4x14W FHE  
1092 Mirror bright louvre

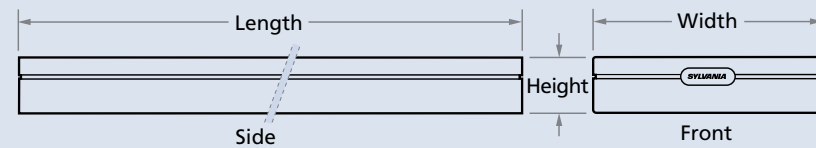


# RANA Direct / Indirect

The suspended RANA Direct / Indirect has both upwards and downwards distribution. The gentle, diffuse nature of the balanced light eliminates strong shadows and screen reflections; makes spaces appear larger and more uplifting and improves human appearance, thus aiding communication and relaxation. There is a common body width for single or twin T5 lamps, from 28W to 54W, with a choice of louvre finish. Luminaires may be mounted individually or in continuous runs and are available in a choice of white or silver housings as standard. Special paint finishes can be considered based on quantities.



## Dimensions



Fitting	1x28W	1x35W	1x54W	2x28W	2x35W	2x54W
Length (mm)	1183	1483	1183	1183	1483	1183
Width (mm)	187	187	187	187	187	187
Height (mm)	47	47	47	47	47	47

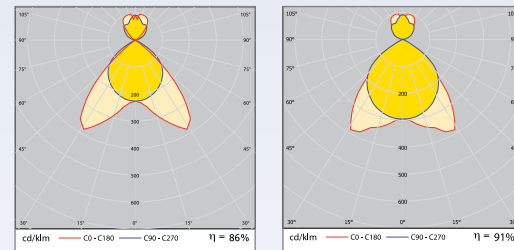
Fitting	1x49W	2x49W
Length (mm)	1483	1483
Width (mm)	187	187
Height (mm)	47	47

## Accessories sets

To be used for continuous installations including through wiring.



## Light Distribution



RANA D+I 1x28W FHE  
1092 Mirror bright louvre

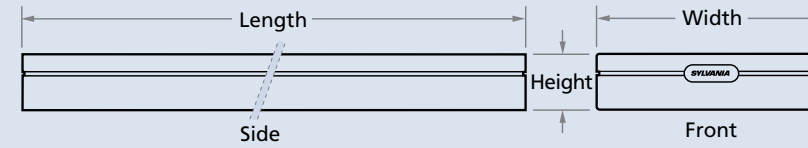
RANA D+I 2x28W FHE  
1092 Mirror bright louvre

# RANA Direct

The RANA Direct can be surface mounted or suspended for direct illumination. There is an asymmetric optic for whiteboards and corridors too, plus a choice of louvre finish. The white or silver luminaires can be used individually or installed in continuous runs and for areas requiring a different configuration. The range also includes a 615mm square option with three or four 14W T5 lamps. Special paint finishes can be considered based on quantities.



## Dimensions



Fitting	1x28W	1x35W	1x54W	2x28W	2x35W	2x54W
Length (mm)	1183	1483	1183	1183	1483	1183
Width (mm)	187	187	187	187	187	187
Height (mm)	47	47	47	47	47	47

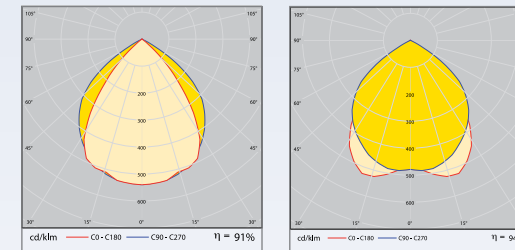
Fitting	1x49W	2x49W	3x14W	4x14W
Length (mm)	1483	1483	615	615
Width (mm)	187	187	615	615
Height (mm)	47	47	47	47

## Accessories sets

To be used for continuous installations including through wiring.



## Light Distribution



RANA D 1x28W FHE  
1092 Mirror bright louvre

RANA D 2x28W FHE  
1092 Mirror bright louvre

## Quick, invisible linear interconnection system



- 1 Take out the brand badge
- 2 Insert interconnection clip
- 3 For mechanical connection
- 4 Connect through-wire cables and interconnect bodies
- 5 For invisible linear in-line connection

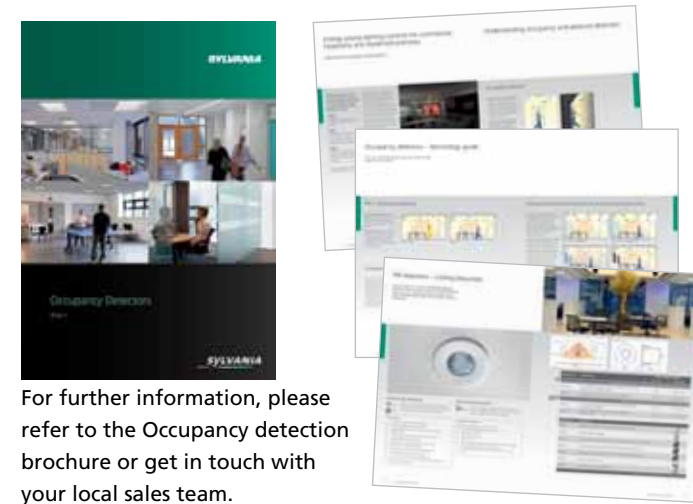
## Quick, invisible linear interconnection system



- 1 Take out the brand badge
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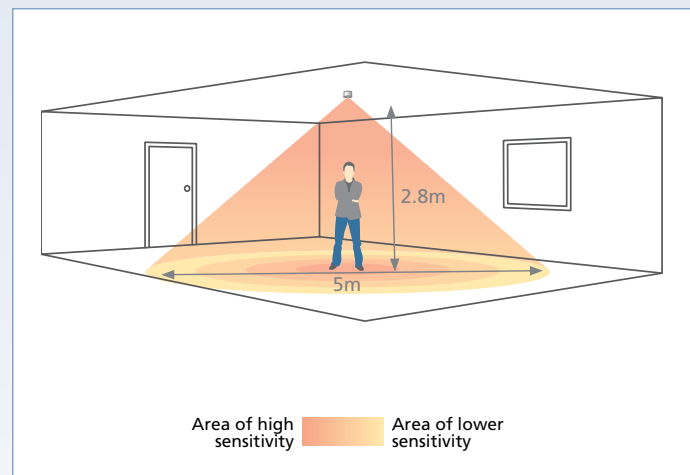
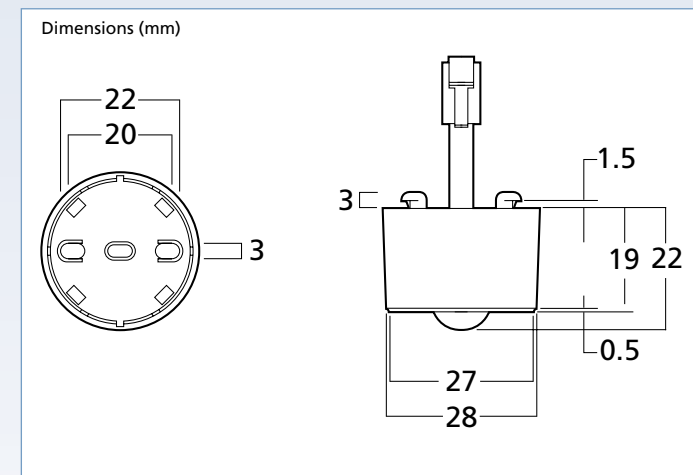
# Consultation, planning and implementation

At each of our Sales Offices we have teams of experts to help you plan and implement your lighting. They can identify opportunities to reduce energy usage and costs within your premises through the seamless integration of detectors and luminaires; and if you have a unique application, they will arrange for that original 'intelligent' luminaire to meet your requirement. RANA is designed to operate with these sensors to suit your every applications.



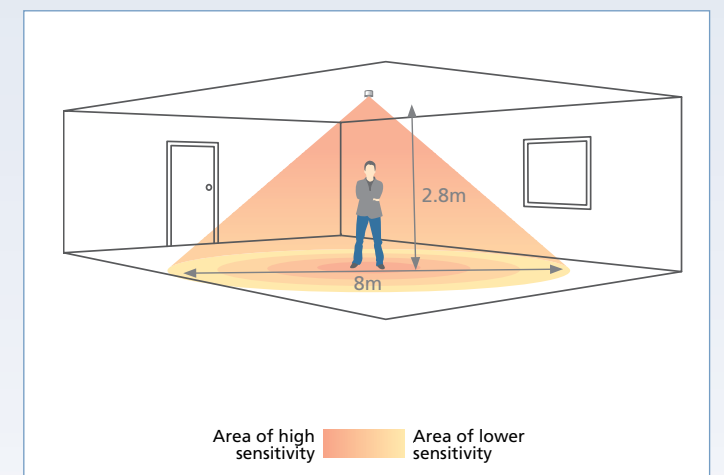
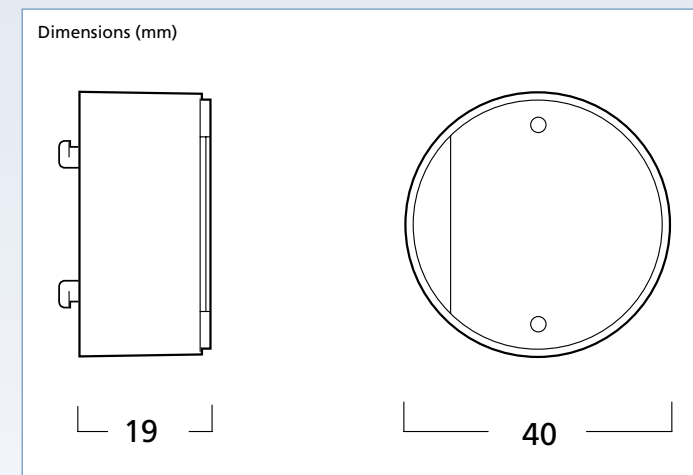
## Miniature PIR detector

PIR (Passive InfraRed): works on detecting the movement of body heat. Better suited to smaller spaces or where a defined detection pattern is required.



## Miniature Microwave detector

Microwave: sensitive to objects that move, with much greater coverage. Microwave detectors can detect through glass, therefore careful consideration on location is needed in certain applications.



# RANA Recessed

## Electronic – 840

Grid size	Light source	Ballast	Connector	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre	Micro Prismatic
300x1200	T5 2X28W G5 / 840	ELECTRONIC FHE	MPM	0049740	AOR	
300x1200	T5 2X54W G5 / 840	ELECTRONIC FHO	MPM	0049786	AOR	
312.5x1250	T5 2X28W G5 / 840	ELECTRONIC FHE	MPM	0049560	AOR	
312.5x1250	T5 2X54W G5 / 840	ELECTRONIC FHO	MPM	0049606	AOR	
600x600	T5 2X14W G5 / 840	ELECTRONIC FHE	MPM	0049702	AOR	
600x600	T5 3X14W G5 / 840	ELECTRONIC FHE	MPM	0049720	0049724	0049726
600x600	T5 3X24W G5 / 840	ELECTRONIC FHO	MPM	0049781	0049784	
600x600	T5 4X14W G5 / 840	ELECTRONIC FHE	MPM	0049700	0049704	0049707
600x600	T5 4X24W G5 / 840	ELECTRONIC FHO	MPM	0049776	0049779	
625x625	T5 3X24W G5 / 840	ELECTRONIC FHO	MPM	0049601	0049604	
625x625	T5 3X14W G5 / 840	ELECTRONIC FHE	MPM	0049540	0049544	
625x625	T5 4X24W G5 / 840	ELECTRONIC FHO	MPM	0049596	0049599	
625x625	T5 4X14W G5 / 840	ELECTRONIC FHE	MPM	0049520	0049524	

## Dimmable 1-10V – 840

Grid size	Light source	Ballast	Connector	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
300x1200	T5 2X28W G5 / 840	DIMMABLE 1-10V	MPM	0049745	AOR
312.5x1250	T5 2X28W G5 / 840	DIMMABLE 1-10V	MPM	0049565	AOR
600x600	T5 3X14W G5 / 840	DIMMABLE 1-10V	MPM	0049725	AOR
600x600	T5 4X14W G5 / 840	DIMMABLE 1-10V	MPM	0049705	AOR
625x625	T5 3X14W G5 / 840	DIMMABLE 1-10V	MPM	0049545	AOR
625x625	T5 4X14W G5 / 840	DIMMABLE 1-10V	MPM	0049525	AOR

## Dimmable DALI – 840

Grid size	Light source	Ballast	Connector	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre	Micro Prismatic
300x1200	T5 2X28W G5 / 840	DIMMABLE DALI	MPM	0049750	AOR	
312.5x1250	T5 2X28W G5 / 840	DIMMABLE DALI	MPM	0049570	AOR	
600x600	T5 3X14W G5 / 840	DIMMABLE DALI	MPM	0049730	0049734	0049733
600x600	T5 3X24W G5 / 840	DIMMABLE DALI	MPM	AOR	0049881	
600x600	T5 4X14W G5 / 840	DIMMABLE DALI	MPM	0049710	0049714	0049713
600x600	T5 4X24W G5 / 840	DIMMABLE DALI	MPM	AOR	0049880	
625x625	T5 3X14W G5 / 840	DIMMABLE DALI	MPM	0049550	0049554	
625x625	T5 3X24W G5 / 840	DIMMABLE DALI	MPM	AOR	0049517	
625x625	T5 4X14W G5 / 840	DIMMABLE DALI	MPM	0049530	0049534	
625x625	T5 4X24W G5 / 840	DIMMABLE DALI	MPM	AOR	0049516	

## Emergency – 840

Grid size	Light source	Ballast	Connector	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre	Micro Prismatic
300x1200	T5 2X28W G5 / 840	EMERGENCY 3 HRS.	MPM	0049755	AOR	
312.5x1250	T5 2X28W G5 / 840	EMERGENCY 3 HRS.	MPM	0049575	AOR	
600x600	T5 3X14W G5 / 840	EMERGENCY 3 HRS.	MPM	0049735	0049738	0049736
600x600	T5 3X24W G5 / 840	EMERGENCY 3 HRS.	MPM	AOR	0049885	
600x600	T5 4X14W G5 / 840	EMERGENCY 3 HRS.	MPM	0049715	0049718	0049716
600x600	T5 4X24W G5 / 840	EMERGENCY 3 HRS.	MPM	AOR	0049884	
625x625	T5 3X14W G5 / 840	EMERGENCY 3 HRS.	MPM	0049555	0049559	
625x625	T5 3X24W G5 / 840	EMERGENCY 3 HRS.	MPM	AOR	0049519	
625x625	T5 4X14W G5 / 840	EMERGENCY 3 HRS.	MPM	0049535	0049539	
625x625	T5 4X24W G5 / 840	EMERGENCY 3 HRS.	MPM	AOR	0049518	

## DALI Emergency – 840

Grid size	Light source	Ballast	Connector	Micro Prismatic
600x600	T5 3X14W G5 / 840	DALI EMERGENCY 3 HRS.	MPM	0049737
600x600	T5 4X14W G5 / 840	DALI EMERGENCY 3 HRS.	MPM	0049717

## Multiwatt

Grid size	Light source	Ballast	Connector	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
300x1200	T5 2X28/54W G5	MULTIWATT	MPM	0049770	AOR
300x1200	T5 2X28/54W G5	MULTIWATT	GST	0049680	0049681
312.5x1250	T5 2X28/54W G5	MULTIWATT	MPM	0049590	AOR
600x600	T5 2X14/24W G5	MULTIWATT	GST	0049509	0049514
600x600	T5 3X14/24W G5	MULTIWATT	MPM	0049765	AOR
600x600	T5 3X14/24W G5	MULTIWATT	GST	0049675	0049676
600x600	T5 4X14/24W G5	MULTIWATT	MPM	0049760	AOR
600x600	T5 4X14/24W G5	MULTIWATT	GST	0049670	0049671
625x625	T5 2X14/24W G5	MULTIWATT	MPM	0049582	AOR
625x625	T5 3X14/24W G5	MULTIWATT	MPM	0049585	AOR
625x625	T5 4X14/24W G5	MULTIWATT	MPM	0049580	AOR

## Electronic – 830

Grid size	Light source	Ballast	Connector	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre	Micro Prismatic
300x1200	T5 2X28W G5 / 830	ELECTRONIC FHE	MPM	0049830	0049831	
300x1200	T5 2X28W G5 / 830	ELECTRONIC FHE	GST	0049650	0049651	
300x1200	T5 2X54W G5 / 830	ELECTRONIC FHO	MPM	0049876	AOR	
300x1200	T5 2X54W G5 / 830	ELECTRONIC FHO	GST	0049696	AOR	
600x600	T5 2X14W G5 / 830	ELECTRONIC FHE	MPM	0049505	0049510	
600x600	T5 2X14W G5 / 830	ELECTRONIC FHE	GST	0049506	0049511	
600x600	T5 3X14W G5 / 830	ELECTRONIC FHE	MPM	0049810	0049814	0049813
600x600	T5 3X14W G5 / 830	ELECTRONIC FHE	GST	0049630	0049631	
600x600	T5 3X24W G5 / 830	ELECTRONIC FHO	MPM	0049871	0049874	
600x600	T5 3X24W G5 / 830	ELECTRONIC FHO	GST	0049691	AOR	
600x600	T5 4X14W G5 / 830	ELECTRONIC FHE	MPM	0049790	0049794	0049793
600x600	T5 4X14W G5 / 830	ELECTRONIC FHE	GST	0049610	0049611	
600x600	T5 4X24W G5 / 830	ELECTRONIC FHO	MPM	0049866	0049869	
600x600	T5 4X24W G5 / 830	ELECTRONIC FHO	GST	0049686	AOR	

## Dimmable 1-10V – 830

Grid size	Light source	Ballast	Connector	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
300x1200	T5 2x28W G5 / 830	dimable 1-10V	MPM	0049835	0049836
300x1200	T5 2x28W G5 / 830	dimable 1-10V	GST	0049655	0049656
600x600	T5 2x14W G5 / 830	electronic 1-10V	MPM	0049507	0049512
600x600	T5 2x14W G5 / 830	electronic 1-10V	GST	0049508	0049513
600x600	T5 3x14W G5 / 830	dimable 1-10V	MPM	0049815	0049816
600x600	T5 3x14W G5 / 830	dimable 1-10V	GST	0049635	0049636
600x600	T5 4x14W G5 / 830	dimable 1-10V	MPM	0049795	0049796
600x600	T5 4x14W G5 / 830	dimable 1-10V	GST	0049615	0049616

## Dimmable DALI – 830

Grid size	Light source	Ballast	Connector	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre	Micro Prismatic
300x1200	T5 2X28W G5 / 830	DIMMABLE DALI	GST	0049660	0049661	
300x1200	T5 2X28W G5 / 830	DIMMABLE DALI	MPM	0049840	0049841	
600x600	T5 3X14W G5 / 830	DIMMABLE DALI	MPM	0049820	0049824	0049823
600x600	T5 3X14W G5 / 830	DIMMABLE DALI	GST	0049640	0049641	
600x600	T5 3X24W G5 / 830	DIMMABLE DALI	MPM	AOR	0049883	
600x600	T5 4X14W G5 / 830	DIMMABLE DALI	GST	0049620	0049621	
600x600	T5 4X24W G5 / 830	DIMMABLE DALI	MPM	AOR	0049882	
600x600	T5 4X14W G5 / 830	DIMMABLE DALI	MPM	0049800	0049804	0049803

## Emergency – 830

Grid size	Light source	Ballast	Connector	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre	Micro Prismatic
300x1200	T5 2X28W G5 / 830	EMERGENCY 3 HRS.	GST	0049665	0049666	
300x1200	T5 2X28W G5 / 830	EMERGENCY 3 HRS.	MPM	0049845	0049846	
600x600	T5 3X14W G5 / 830	EMERGENCY 3 HRS.	MPM	0049825	0049829	0049827
600x600	T5 3X14W G5 / 830	EMERGENCY 3 HRS.	GST	0049645	0049646	
600x600	T5 3X24W G5 / 830	EMERGENCY 3 HRS.	MPM	AOR	0049887	
600x600	T5 4X14W G5 / 830	EMERGENCY 3 HRS.	MPM	0049805	0049809	0049807
600x600	T5 4X14W G5 / 830	EMERGENCY 3 HRS.	GST	0049625	0049626	
600x600	T5 4X24W G5 / 830	EMERGENCY 3 HRS.	MPM	AOR	0049886	

## DALI Emergency – 830

Grid size	Light source	Ballast	Connector	Micro Prismatic
600x600	T5 4X14W G5 / 830	DALI EMERGENCY 3 HRS.	MPM	0049808
600x600	T5 3X14W G5 / 830	DALI EMERGENCY 3 HRS.	MPM	0049828

# RANA Pull-up

## Electronic - 840

Grid size	Light source	Ballast	Connector	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
600x600	T5 3X14W G5 / 840	ELECTRONIC FHE	MPM	0049723	AOR
600x600	T5 4X14W G5 / 840	ELECTRONIC FHE	MPM	0049703	AOR
600x600	T5 2X28W G5 / 840	ELECTRONIC FHE	MPM	0049743	AOR

## Electronic - 830

Grid size	Light source	Ballast	Connector	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
600x600	T5 3X14W G5 / 830	ELECTRONIC FHE	MPM	0049992	0049501
600x600	T5 4X14W G5 / 830	ELECTRONIC FHE	MPM	0049991	0049500
600x600	T5 2X28W G5 / 830	ELECTRONIC FHE	MPM	0049993	0049502



# RANA Direct / Indirect

## Electronic – 840

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28W G5 / 840	ELECTRONIC FHE	DIRECT/INDIRECT	SILVER	0050220	AOR
T5 1x28W G5 / 840	ELECTRONIC FHE	DIRECT/INDIRECT	WHITE	0050223	AOR
T5 1x35W G5 / 840	ELECTRONIC FHE	DIRECT/INDIRECT	SILVER	0050238	AOR
T5 1x35W G5 / 840	ELECTRONIC FHE	DIRECT/INDIRECT	WHITE	0050241	AOR
T5 1x49W G5 / 840	ELECTRONIC FHO	DIRECT/INDIRECT	SILVER	0050527	AOR
T5 1x49W G5 / 840	ELECTRONIC FHO	DIRECT/INDIRECT	WHITE	0050530	AOR
T5 1x54W G5 / 840	ELECTRONIC FHO	DIRECT/INDIRECT	SILVER	0050509	AOR
T5 1x54W G5 / 840	ELECTRONIC FHO	DIRECT/INDIRECT	WHITE	0050512	AOR
T5 2x28W G5 / 840	ELECTRONIC FHE	DIRECT/INDIRECT	SILVER	0050256	0050710
T5 2x28W G5 / 840	ELECTRONIC FHE	DIRECT/INDIRECT	WHITE	0050259	0050712
T5 2x35W G5 / 840	ELECTRONIC FHE	DIRECT/INDIRECT	SILVER	0050268	0050718
T5 2x35W G5 / 840	ELECTRONIC FHE	DIRECT/INDIRECT	WHITE	0050271	0050720
T5 2x49W G5 / 840	ELECTRONIC FHO	DIRECT/INDIRECT	SILVER	0050557	AOR
T5 2x49W G5 / 840	ELECTRONIC FHO	DIRECT/INDIRECT	WHITE	0050560	AOR
T5 2x54W G5 / 840	ELECTRONIC FHO	DIRECT/INDIRECT	SILVER	0050545	AOR
T5 2x54W G5 / 840	ELECTRONIC FHO	DIRECT/INDIRECT	WHITE	0050548	AOR

## Dimmable 1-10V – 840

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1X28W G5 / 840	DIMMABLE 1-10V	DIRECT/INDIRECT	SILVER	0050340	AOR
T5 1X28W G5 / 840	DIMMABLE 1-10V	DIRECT/INDIRECT	WHITE	0050343	AOR
T5 1X35W G5 / 840	DIMMABLE 1-10V	DIRECT/INDIRECT	SILVER	0050358	AOR
T5 1X35W G5 / 840	DIMMABLE 1-10V	DIRECT/INDIRECT	WHITE	0050361	AOR
T5 2X28W G5 / 840	DIMMABLE 1-10V	DIRECT/INDIRECT	SILVER	0050376	AOR
T5 2X28W G5 / 840	DIMMABLE 1-10V	DIRECT/INDIRECT	WHITE	0050379	AOR
T5 2X35W G5 / 840	DIMMABLE 1-10V	DIRECT/INDIRECT	SILVER	0050388	AOR
T5 2X35W G5 / 840	DIMMABLE 1-10V	DIRECT/INDIRECT	WHITE	0050391	AOR

## Dimmable DALI – 840

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1X28W G5 / 840	DIMMABLE DALI	DIRECT/INDIRECT	SILVER	0050280	AOR
T5 1X28W G5 / 840	DIMMABLE DALI	DIRECT/INDIRECT	WHITE	0050283	AOR
T5 1X35W G5 / 840	DIMMABLE DALI	DIRECT/INDIRECT	SILVER	0050298	AOR
T5 1X35W G5 / 840	DIMMABLE DALI	DIRECT/INDIRECT	WHITE	0050301	AOR
T5 2X28W G5 / 840	DIMMABLE DALI	DIRECT/INDIRECT	SILVER	0050316	0050730
T5 2X28W G5 / 840	DIMMABLE DALI	DIRECT/INDIRECT	WHITE	0050319	0050732
T5 2X35W G5 / 840	DIMMABLE DALI	DIRECT/INDIRECT	SILVER	0050328	0050738
T5 2X35W G5 / 840	DIMMABLE DALI	DIRECT/INDIRECT	WHITE	0050331	0050740

## Emergency 3hrs – 840

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1X28W G5 / 840	EMERGENCY 3 HRS.	DIRECT/INDIRECT	SILVER	0050400	AOR
T5 1X28W G5 / 840	EMERGENCY 3 HRS.	DIRECT/INDIRECT	WHITE	0050403	AOR
T5 1X35W G5 / 840	EMERGENCY 3 HRS.	DIRECT/INDIRECT	SILVER	0050412	AOR
T5 1X35W G5 / 840	EMERGENCY 3 HRS.	DIRECT/INDIRECT	WHITE	0050415	AOR
T5 2X28W G5 / 840	EMERGENCY 3 HRS.	DIRECT/INDIRECT	SILVER	0050424	0050750
T5 2X28W G5 / 840	EMERGENCY 3 HRS.	DIRECT/INDIRECT	WHITE	0050427	0050752
T5 2X35W G5 / 840	EMERGENCY 3 HRS.	DIRECT/INDIRECT	SILVER	0050436	0050758
T5 2X35W G5 / 840	EMERGENCY 3 HRS.	DIRECT/INDIRECT	WHITE	0050439	0050760

AOR - Available on request

## Multiwatt

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28/54W G5	MULTIWATT	DIRECT/INDIRECT	SILVER	0050448	AOR
T5 1x28/54W G5	MULTIWATT	DIRECT/INDIRECT	WHITE	0050451	AOR
T5 1x35/49/80W G5	MULTIWATT	DIRECT/INDIRECT	SILVER	0050466	AOR
T5 1x35/49/80W G5	MULTIWATT	DIRECT/INDIRECT	WHITE	0050469	AOR
T5 2x14/24W G5	MULTIWATT	DIRECT/INDIRECT	SILVER	0050215	AOR
T5 2x14/24W G5	MULTIWATT	DIRECT/INDIRECT	WHITE	0050216	AOR
T5 2x28/54W G5	MULTIWATT	DIRECT/INDIRECT	SILVER	0050484	AOR
T5 2x28/54W G5	MULTIWATT	DIRECT/INDIRECT	WHITE	0050487	AOR
T5 2x35/49/80W G5	MULTIWATT	DIRECT/INDIRECT	SILVER	0050496	AOR
T5 2x35/49/80W G5	MULTIWATT	DIRECT/INDIRECT	WHITE	0050499	AOR

## Electronic – 830

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28W G5 / 830	ELECTRONIC FHE	DIRECT/INDIRECT	SILVER	0050221	AOR
T5 1x28W G5 / 830	ELECTRONIC FHE	DIRECT/INDIRECT	WHITE	0050224	AOR
T5 1x35W G5 / 830	ELECTRONIC FHE	DIRECT/INDIRECT	SILVER	0050239	AOR
T5 1x35W G5 / 830	ELECTRONIC FHE	DIRECT/INDIRECT	WHITE	0050242	AOR
T5 1x49W G5 / 830	ELECTRONIC FHO	DIRECT/INDIRECT	SILVER	0050528	AOR
T5 1x49W G5 / 830	ELECTRONIC FHO	DIRECT/INDIRECT	WHITE	0050531	AOR
T5 1x54W G5 / 830	ELECTRONIC FHO	DIRECT/INDIRECT	SILVER	0050510	AOR
T5 1x54W G5 / 830	ELECTRONIC FHO	DIRECT/INDIRECT	WHITE	0050513	AOR
T5 2x28W G5 / 830	ELECTRONIC FHE	DIRECT/INDIRECT	SILVER	0050256	0050711
T5 2x28W G5 / 830	ELECTRONIC FHE	DIRECT/INDIRECT	WHITE	0050260	0050713
T5 2x35W G5 / 830	ELECTRONIC FHE	DIRECT/INDIRECT	SILVER	0050269	0050719
T5 2x35W G5 / 830	ELECTRONIC FHE	DIRECT/INDIRECT	WHITE	0050272	0050721
T5 2x49W G5 / 830	ELECTRONIC FHO	DIRECT/INDIRECT	SILVER	0050558	AOR
T5 2x49W G5 / 830	ELECTRONIC FHO	DIRECT/INDIRECT	WHITE	0050561	AOR
T5 2x54W G5 / 830	ELECTRONIC FHO	DIRECT/INDIRECT	SILVER	0050546	AOR
T5 2x54W G5 / 830	ELECTRONIC FHO	DIRECT/INDIRECT	WHITE	0050549	AOR

## Dimmable 1-10V – 830

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28W G5 / 830	DIMMABLE 1-10V	DIRECT/INDIRECT	SILVER	0050341	AOR
T5 1x28W G5 / 830	DIMMABLE 1-10V	DIRECT/INDIRECT	WHITE	0050344	AOR
T5 1x35W G5 / 830	DIMMABLE 1-10V	DIRECT/INDIRECT	SILVER	0050359	AOR
T5 1x35W G5 / 830	DIMMABLE 1-10V	DIRECT/INDIRECT	WHITE	0050362	AOR
T5 2x28W G5 / 830	DIMMABLE 1-10V	DIRECT/INDIRECT	SILVER	0050377	AOR
T5 2x28W G5 / 830	DIMMABLE 1-10V	DIRECT/INDIRECT	WHITE	0050380	AOR
T5 2x35W G5 / 830	DIMMABLE 1-10V	DIRECT/INDIRECT	SILVER	0050389	AOR
T5 2x35W G5 / 830	DIMMABLE 1-10V	DIRECT/INDIRECT	WHITE	0050392	AOR

## Dimmable DALI – 830

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28W G5 / 830	DIMMABLE DALI	DIRECT/INDIRECT	SILVER	0050281	AOR
T5 1x28W G5 / 830	DIMMABLE DALI	DIRECT/INDIRECT	WHITE	0050284	AOR
T5 1x35W G5 / 830	DIMMABLE DALI	DIRECT/INDIRECT	SILVER	0050299	AOR
T5 1x35W G5 / 830	DIMMABLE DALI	DIRECT/INDIRECT	WHITE	0050302	AOR
T5 2x28W G5 / 830	DIMMABLE DALI	DIRECT/INDIRECT	SILVER	0050317	0050731
T5 2x28W G5 / 830	DIMMABLE DALI	DIRECT/INDIRECT	WHITE	0050320	0050733
T5 2x35W G5 / 830	DIMMABLE DALI	DIRECT/INDIRECT	SILVER	0050329	0050739
T5 2x35W G5 / 830	DIMMABLE DALI	DIRECT/INDIRECT	WHITE	0050332	0050741

## Emergency 3hrs – 830

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28W G5 / 830	EMERGENCY 3 HRS.	DIRECT/INDIRECT	SILVER	0050401	AOR
T5 1x28W G5 / 830	EMERGENCY 3 HRS.	DIRECT/INDIRECT	WHITE	0050404	AOR
T5 1x35W G5 / 830	EMERGENCY 3 HRS.	DIRECT/INDIRECT	SILVER	0050413	AOR
T5 1x35W G5 / 830	EMERGENCY 3 HRS.	DIRECT/INDIRECT	WHITE	0050416	AOR
T5 2x28W G5 / 830	EMERGENCY 3 HRS.	DIRECT/INDIRECT	SILVER	0050425	0050751
T5 2x28W G5 / 830	EMERGENCY 3 HRS.	DIRECT/INDIRECT	WHITE	0050428	0050753
T5 2x35W G5 / 830	EMERGENCY 3 HRS.	DIRECT/INDIRECT	SILVER	0050437	0050759
T5 2x35W G5 / 830	EMERGENCY 3 HRS.	DIRECT/INDIRECT	WHITE	0050440	0050761

## Accessories

Description	Code
SET 1 W = suspension set, ceiling rose, cable clips, 3-core power supply white	5050568
SET 2 W = suspension set, ceiling rose, cable clips, 5-core power supply white	5050571
SET 1 T = suspension set, ceiling rose, cable clips, 3-core power supply transparent	5050574
SET 2 T = suspension set, ceiling rose, cable clips, 5-core power supply transparent	5050577
SET 3 = suspension set, connection clip, cable fixations, 3-core through wiring 1200mm	5050580
SET 4 = suspension set, connection clip, cable fixations, 5-core through wiring 1200mm	5050583
SET 5 = suspension set, connection clip, cable fixations, 3-core through wiring 1500mm	5050586
SET 6 = suspension set, connection clip, cable fixations, 5-core through wiring 1500mm	5050589
3-core power supply white	5050592
5-core power supply white	5050595
3-core power supply transparent	5050598
5-core power supply transparent	5050601
ceiling rose	5050604
suspension kit	5054686
3-core through wiring 1200mm	5050610
5-core through wiring 1200mm	5050613
3-core through wiring 1500mm	5050616
5-core through wiring 1500mm	5050619
connection clips (10pcs.)	5050622
brand batches white (10pcs.)	5050625
brand batches silver (10pcs.)	5050628

# RANA Direct

## Electronic – 840

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28W G5 / 840	ELECTRONIC FHE	DIRECT	SILVER	0050226	AOR
T5 1x28W G5 / 840	ELECTRONIC FHE	DIRECT	WHITE	0050229	AOR
T5 1x35W G5 / 840	ELECTRONIC FHE	DIRECT	SILVER	0050244	AOR
T5 1x35W G5 / 840	ELECTRONIC FHE	DIRECT	WHITE	0050247	AOR
T5 1x49W G5 / 840	ELECTRONIC FHO	DIRECT	SILVER	0050533	AOR
T5 1x49W G5 / 840	ELECTRONIC FHO	DIRECT	WHITE	0050536	AOR
T5 1x54W G5 / 840	ELECTRONIC FHO	DIRECT	SILVER	0050515	AOR
T5 1x54W G5 / 840	ELECTRONIC FHO	DIRECT	WHITE	0050518	AOR
T5 2x28W G5 / 840	ELECTRONIC FHE	DIRECT	SILVER	0050262	0050714
T5 2x28W G5 / 840	ELECTRONIC FHE	DIRECT	WHITE	0050265	0050716
T5 2x35W G5 / 840	ELECTRONIC FHE	DIRECT	SILVER	0050274	0050722
T5 2x35W G5 / 840	ELECTRONIC FHE	DIRECT	WHITE	0050277	0050724
T5 2x49W G5 / 840	ELECTRONIC FHO	DIRECT	SILVER	0050563	AOR
T5 2x49W G5 / 840	ELECTRONIC FHO	DIRECT	WHITE	0050566	AOR
T5 2x54W G5 / 840	ELECTRONIC FHO	DIRECT	SILVER	0050551	AOR
T5 2x54W G5 / 840	ELECTRONIC FHO	DIRECT	WHITE	0050554	AOR
T5 3x14W G5 / 840	ELECTRONIC FHE	DIRECT	WHITE	0050788	0050810
T5 4x14W G5 / 840	ELECTRONIC FHE	DIRECT	WHITE	0050792	0050815
T5 1x28W G5 / 840	ELECTRONIC FHE	ASYMMETRIC	SILVER	0050232	AOR
T5 1x28W G5 / 840	ELECTRONIC FHE	ASYMMETRIC	WHITE	0050235	AOR
T5 1x35W G5 / 840	ELECTRONIC FHE	ASYMMETRIC	SILVER	0050250	AOR
T5 1x35W G5 / 840	ELECTRONIC FHE	ASYMMETRIC	WHITE	0050253	AOR
T5 1x49W G5 / 840	ELECTRONIC FHO	ASYMMETRIC	SILVER	0050539	AOR
T5 1x49W G5 / 840	ELECTRONIC FHO	ASYMMETRIC	WHITE	0050542	AOR
T5 1x54W G5 / 840	ELECTRONIC FHO	ASYMMETRIC	SILVER	0050521	AOR
T5 1x54W G5 / 840	ELECTRONIC FHO	ASYMMETRIC	WHITE	0050524	AOR

## Dimmable 1-10V – 840

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28W G5 / 840	DIMMABLE 1-10V	DIRECT	SILVER	0050346	AOR
T5 1x28W G5 / 840	DIMMABLE 1-10V	DIRECT	WHITE	0050349	AOR
T5 1x35W G5 / 840	DIMMABLE 1-10V	DIRECT	SILVER	0050364	AOR
T5 1x35W G5 / 840	DIMMABLE 1-10V	DIRECT	WHITE	0050367	AOR
T5 2x28W G5 / 840	DIMMABLE 1-10V	DIRECT	SILVER	0050382	AOR
T5 2x28W G5 / 840	DIMMABLE 1-10V	DIRECT	WHITE	0050385	AOR
T5 2x35W G5 / 840	DIMMABLE 1-10V	DIRECT	SILVER	0050394	AOR
T5 2x35W G5 / 840	DIMMABLE 1-10V	DIRECT	WHITE	0050397	AOR
T5 3x14W G5 / 840	DIMMABLE 1-10V	DIRECT	WHITE	0050798	0050812
T5 4x14W G5 / 840	DIMMABLE 1-10V	DIRECT	WHITE	0050799	0050817
T5 1x28W G5 / 840	DIMMABLE 1-10V	ASYMMETRIC	SILVER	0050352	AOR
T5 1x28W G5 / 840	DIMMABLE 1-10V	ASYMMETRIC	WHITE	0050355	AOR
T5 1x35W G5 / 840	DIMMABLE 1-10V	ASYMMETRIC	SILVER	0050370	AOR
T5 1x35W G5 / 840	DIMMABLE 1-10V	ASYMMETRIC	WHITE	0050373	AOR

## Dimmable DALI – 840

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28W G5 / 840	DIMMABLE DALI	DIRECT	SILVER	0050286	AOR
T5 1x28W G5 / 840	DIMMABLE DALI	DIRECT	WHITE	0050289	AOR
T5 1x35W G5 / 840	DIMMABLE DALI	DIRECT	SILVER	0050304	AOR
T5 1x35W G5 / 840	DIMMABLE DALI	DIRECT	WHITE	0050307	AOR
T5 2x28W G5 / 840	DIMMABLE DALI	DIRECT	SILVER	0050322	0050734
T5 2x28W G5 / 840	DIMMABLE DALI	DIRECT	WHITE	0050325	0050736
T5 2x35W G5 / 840	DIMMABLE DALI	DIRECT	SILVER	0050334	0050742
T5 2x35W G5 / 840	DIMMABLE DALI	DIRECT	WHITE	0050337	0050744
T5 3x14W G5 / 840	DIMMABLE DALI	DIRECT	WHITE	0050789	0050811
T5 4x14W G5 / 840	DIMMABLE DALI	DIRECT	WHITE	0050793	0050816
T5 1x28W G5 / 840	DIMMABLE DALI	ASYMMETRIC	SILVER	0050292	AOR
T5 1x28W G5 / 840	DIMMABLE DALI	ASYMMETRIC	WHITE	0050295	AOR
T5 1x35W G5 / 840	DIMMABLE DALI	ASYMMETRIC	SILVER	0050310	AOR
T5 1x35W G5 / 840	DIMMABLE DALI	ASYMMETRIC	WHITE	0050313	AOR

## Emergency 3hrs – 840

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28W G5 / 840	EMERGENCY 3 HRS.	DIRECT	SILVER	0050406	AOR
T5 1x28W G5 / 840	EMERGENCY 3 HRS.	DIRECT	WHITE	0050409	AOR
T5 1x35W G5 / 840	EMERGENCY 3 HRS.	DIRECT	SILVER	0050418	AOR
T5 1x35W G5 / 840	EMERGENCY 3 HRS.	DIRECT	WHITE	0050421	AOR
T5 2x28W G5 / 840	EMERGENCY 3 HRS.	DIRECT	SILVER	0050430	0050754
T5 2x28W G5 / 840	EMERGENCY 3 HRS.	DIRECT	WHITE	0050433	0050756
T5 2x35W G5 / 840	EMERGENCY 3 HRS.	DIRECT	SILVER	0050442	0050762
T5 2x35W G5 / 840	EMERGENCY 3 HRS.	DIRECT	WHITE	0050445	0050764
T5 3x14W G5 / 840	EMERGENCY 3 HRS.	DIRECT	WHITE	0050790	0050813
T5 4x14W G5 / 840	EMERGENCY 3 HRS.	DIRECT	WHITE	0050794	0050818

## DALI Emergency 3hrs – 840

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 3x14W G5 / 840	DALI EMERGENCY 3 HRS.	DIRECT	WHITE	0050791	0050814
T5 4x14W G5 / 840	DALI EMERGENCY 3 HRS.	DIRECT	WHITE	0050795	0050819

## Multiwatt

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28/54W G5	MULTIWATT	DIRECT	SILVER	0050454	AOR
T5 1x28/54W G5	MULTIWATT	DIRECT	WHITE	0050457	AOR
T5 1x35/49/80W G5	MULTIWATT	DIRECT	SILVER	0050472	AOR
T5 1x35/49/80W G5	MULTIWATT	DIRECT	WHITE	0050475	AOR
T5 2x14/24W G5	MULTIWATT	DIRECT	SILVER	0050217	AOR
T5 2x14/24W G5	MULTIWATT	DIRECT	WHITE	0050218	AOR
T5 2x28/54W G5	MULTIWATT	DIRECT	SILVER	0050490	AOR
T5 2x28/54W G5	MULTIWATT	DIRECT	WHITE	0050493	AOR
T5 2x35/49/80W G5	MULTIWATT	DIRECT	SILVER	0050502	AOR
T5 2x35/49/80W G5	MULTIWATT	DIRECT	WHITE	0050505	AOR
T5 1x28/54W G5	MULTIWATT	ASYMMETRIC	SILVER	0050460	AOR
T5 1x28/54W G5	MULTIWATT	ASYMMETRIC	WHITE	0050463	AOR
T5 1x35/49/80W G5	MULTIWATT	ASYMMETRIC	SILVER	0050478	AOR
T5 1x35/49/80W G5	MULTIWATT	ASYMMETRIC	WHITE	0050481	AOR

## Electronic – 830

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28W G5 / 830	ELECTRONIC FHE	DIRECT	SILVER	0050227	AOR
T5 1x28W G5 / 830	ELECTRONIC FHE	DIRECT	WHITE	0050230	AOR
T5 1x35W G5 / 830	ELECTRONIC FHE	DIRECT	SILVER	0050245	AOR
T5 1x35W G5 / 830	ELECTRONIC FHE	DIRECT	WHITE	0050248	AOR
T5 1x49W G5 / 830	ELECTRONIC FHO	DIRECT	SILVER	0050534	AOR
T5 1x49W G5 / 830	ELECTRONIC FHO	DIRECT	WHITE	0050537	AOR
T5 1x54W G5 / 830	ELECTRONIC FHO	DIRECT	SILVER	0050516	AOR
T5 1x54W G5 / 830	ELECTRONIC FHO	DIRECT	WHITE	0050519	AOR
T5 2x28W G5 / 830	ELECTRONIC FHE	DIRECT	SILVER	0050263	0050715
T5 2x28W G5 / 830	ELECTRONIC FHE	DIRECT	WHITE	0050266	0050717
T5 2x35W G5 / 830	ELECTRONIC FHE	DIRECT	SILVER	0050275	0050723
T5 2x35W G5 / 830	ELECTRONIC FHE	DIRECT	WHITE	0050278	0050725
T5 2x49W G5 / 830	ELECTRONIC FHO	DIRECT	SILVER	0050564	AOR
T5 2x49W G5 / 830	ELECTRONIC FHO	DIRECT	WHITE	0050567	AOR
T5 2x54W G5 / 830	ELECTRONIC FHO	DIRECT	SILVER	0050552	AOR
T5 2x54W G5 / 830	ELECTRONIC FHO	DIRECT	WHITE	0050555	AOR
T5 3x14W G5 / 830	ELECTRONIC FHE	DIRECT	WHITE	0050780	0050800
T5 4x14W G5 / 830	ELECTRONIC FHE	DIRECT	WHITE	0050784	0050805
T5 1x28W G5 / 830	ELECTRONIC FHE	ASYMMETRIC	SILVER	0050233	AOR
T5 1x28W G5 / 830	ELECTRONIC FHE	ASYMMETRIC	WHITE	0050236	AOR
T5 1x35W G5 / 830	ELECTRONIC FHE	ASYMMETRIC	SILVER	0050251	AOR
T5 1x35W G5 / 830	ELECTRONIC FHE	ASYMMETRIC	WHITE	0050254	AOR
T5 1x49W G5 / 830	ELECTRONIC FHO	ASYMMETRIC	SILVER	0050540	AOR
T5 1x49W G5 / 830	ELECTRONIC FHO	ASYMMETRIC	WHITE	0050543	AOR
T5 1x54W G5 / 830	ELECTRONIC FHO	ASYMMETRIC	SILVER	0050522	AOR
T5 1x54W G5 / 830	ELECTRONIC FHO	ASYMMETRIC	WHITE	0050525	AOR

## Dimmable 1-10V – 830

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28W G5 / 830	DIMMABLE 1-10V	DIRECT	SILVER	0050347	AOR
T5 1x28W G5 / 830	DIMMABLE 1-10V	DIRECT	WHITE	0050350	AOR
T5 1x35W G5 / 830	DIMMABLE 1-10V	DIRECT	SILVER	0050365	AOR
T5 1x35W G5 / 830	DIMMABLE 1-10V	DIRECT	WHITE	0050368	AOR
T5 2x28W G5 / 830	DIMMABLE 1-10V	DIRECT	SILVER	0050383	AOR
T5 2x28W G5 / 830	DIMMABLE 1-10V	DIRECT	WHITE	0050386	AOR
T5 2x35W G5 / 830	DIMMABLE 1-10V	DIRECT	SILVER	0050395	AOR
T5 2x35W G5 / 830	DIMMABLE 1-10V	DIRECT	WHITE	0050398	AOR
T5 3x14W G5 / 830	DIMMABLE 1-10V	DIRECT	WHITE	0050796	0050802
T5 4x14W G5 / 830	DIMMABLE 1-10V	DIRECT	WHITE	0050797	0050807
T5 1x28W G5 / 830	DIMMABLE 1-10V	ASYMMETRIC	SILVER	0050353	AOR
T5 1x28W G5 / 830	DIMMABLE 1-10V	ASYMMETRIC	WHITE	0050356	AOR
T5 1x35W G5 / 830	DIMMABLE 1-10V	ASYMMETRIC	SILVER	0050371	AOR
T5 1x35W G5 / 830	DIMMABLE 1-10V	ASYMMETRIC	WHITE	0050374	AOR

## Dimmable DALI – 830

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28W G5 / 830	DIMMABLE DALI	DIRECT	SILVER	0050287	AOR
T5 1x28W G5 / 830	DIMMABLE DALI	DIRECT	WHITE	0050290	AOR
T5 1x35W G5 / 830	DIMMABLE DALI	DIRECT	SILVER	0050305	AOR
T5 1x35W G5 / 830	DIMMABLE DALI	DIRECT	WHITE	0050308	AOR
T5 2x28W G5 / 830	DIMMABLE DALI	DIRECT	SILVER	0050323	0050735
T5 2x28W G5 / 830	DIMMABLE DALI	DIRECT	WHITE	0050326	0050737
T5 2x35W G5 / 830	DIMMABLE DALI	DIRECT	SILVER	0050335	0050743
T5 2x35W G5 / 830	DIMMABLE DALI	DIRECT	WHITE	0050338	0050745
T5 3x14W G5 / 830	DIMMABLE DALI	DIRECT	WHITE	0050781	0050801
T5 4x14W G5 / 830	DIMMABLE DALI	DIRECT	WHITE	0050785	0050806
T5 1x28W G5 / 830	DIMMABLE DALI	ASYMMETRIC	SILVER	0050293	AOR
T5 1x28W G5 / 830	DIMMABLE DALI	ASYMMETRIC	WHITE	0050296	AOR
T5 1x35W G5 / 830	DIMMABLE DALI	ASYMMETRIC	SILVER	0050311	AOR
T5 1x35W G5 / 830	DIMMABLE DALI	ASYMMETRIC	WHITE	0050314	AOR

## Emergency 3hrs – 830

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 1x28W G5 / 830	EMERGENCY 3 HRS.	DIRECT	SILVER	0050407	AOR
T5 1x28W G5 / 830	EMERGENCY 3 HRS.	DIRECT	WHITE	0050410	AOR
T5 1x35W G5 / 830	EMERGENCY 3 HRS.	DIRECT	SILVER	0050419	AOR
T5 1x35W G5 / 830	EMERGENCY 3 HRS.	DIRECT	WHITE	0050422	AOR
T5 2x28W G5 / 830	EMERGENCY 3 HRS.	DIRECT	SILVER	0050431	0050755
T5 2x28W G5 / 830	EMERGENCY 3 HRS.	DIRECT	WHITE	0050434	0050757
T5 2x35W G5 / 830	EMERGENCY 3 HRS.	DIRECT	SILVER	0050443	0050763
T5 2x35W G5 / 830	EMERGENCY 3 HRS.	DIRECT	WHITE	0050446	0050765
T5 3x14W G5 / 830	EMERGENCY 3 HRS.	DIRECT	WHITE	0050782	0050803
T5 4x14W G5 / 830	EMERGENCY 3 HRS.	DIRECT	WHITE	0050786	0050808

## DALI Emergency 3hrs – 830

Light source	Ballast	Light distribution	Colour of housing	Mirror Bright 1092 Louvre	Satin Bright 1595 Louvre
T5 3x14W G5 / 830	EMERGENCY 3 HRS.	DIRECT	WHITE	0050783	0050804
T5 4x14W G5 / 830	EMERGENCY 3 HRS.	DIRECT	WHITE	0050787	0050809

## Accessories

Description	Code
SET 1 W = suspension set, ceiling rose, cable clips, 3-core power supply white	5050568
SET 2 W = suspension set, ceiling rose, cable clips, 5-core power supply white	5050571
SET 1 T = suspension set, ceiling rose, cable clips, 3-core power supply transparent	5050574
SET 2 T = suspension set, ceiling rose, cable clips, 5-core power supply transparent	5050577
SET 3 = suspension set, connection clip, cable fixations, 3-core through wiring 1200mm	5050580
SET 4 = suspension set, connection clip, cable fixations, 5-core through wiring 1200mm	5050583
SET 5 = suspension set, connection clip, cable fixations, 3-core through wiring 1500mm	5050586
SET 6 = suspension set, connection clip, cable fixations, 5-core through wiring 1500mm	5050589
3-core power supply white	5050592
5-core power supply white	5050595