

SZSE STOCK CODE:002449

NATIONSTAR
LIGHTING UP THE WORLD



LED SPECIAL LIGHTING

2012-2013



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NATIONSTAR



Eagle solder line

COMPANY PROFILE

Foshan Nationstar Optoelectronics Co. Ltd., specializing in manufacturing LED and LED applied products, is a key hi-tech enterprise of the National Torch Plan, and excellent high-tech enterprise of Guangdong Province. It covers an area of 39,000 m², while workshops and offices occupy 66,000m². Meanwhile, the new base covering 34,600 m² is being constructed and expected to be in use in 2012. Founded in 1969, with advantages on capital, distribution channels, R&D, and management, it has been ranked in the list of the famous LED brands. On 16th July, 2010, it launched its initial public offering and was listed in Shenzhen Stock Exchange.

Innovation promotes development, and technology leads to the future. The company is equipped with the post-doctoral science workstation, the enterprise technology center of Guangdong province, the optoelectronics research center of Guangdong province, and research office of Prof Su Qiang, academician of China Academy of Science. In recent years, the company has undertaken various R&D projects supported by the national and local government. In addition, the products of Nationstar have been granted with a lot of national and provincial honors.

The company is authorized by ISO9001 system certification, ISO14001 system certification, ISO/TS16949 system certification and OHSAS18001 system certification.

Brand, technology and quality sustain the company's rapid growth, and draft the company's magnificent blueprint. Nationstar does her best to push the development of the green lighting industry in China, and the world.



◀ Disco Moulder
SMT Production Workshop ▶



△ Smt production line
◀ Jiada Testing machine

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**EXPLOSION
PROOF LED
HIGH BAY
NS-GKD-FB**



Part No.	Input Voltage(V)	Power(W)	Luminous Flux(Lm)	Explosion proof mark	IP Grade
NS-GKD-FB60-3	AC100-240	60	5100	Exd II BT6/DIPA20TA	IP66
NS-GKD-FB80-3	AC100-240	80	6800	Exd II BT6/DIPA20TA	IP66
NS-GKD-FB120-3	AC100-240	120	10200	Exd II BT6/DIPA20TA	IP66

APPLICATION

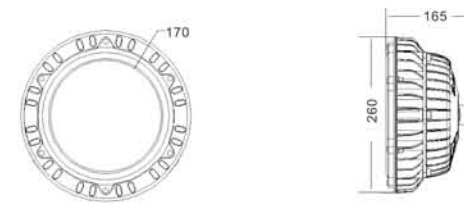
1. It is suitable for explosive regional environment places zone 1 and zone 2.
2. Applicable for explosive gases environment class II A & II B.
3. Suitable for combustible dust environment area 20,21& 22.
4. Applicable for environment temperature groups from T1 to T4.
5. Widely used in petroleum mining, oil refining, chemical industry, military industry, and dangerous environment and offshore oil platform, cruise ships and other places work and all kinds of indoor and outdoor operation, construction site, platform and equipment, facilities and other places.

PRODUCT FEATURES

1. Environment friendly, no pollution, Pb & Hg free.
2. Constant-current power supply enables high transfer efficiency, PF can be more than 95%.
3. High power LED are adopted as illuminant are adopted, light will be softer and light efficiency is higher. And it is much better than the traditional High Bay on energy saving.
4. Electric appliance box adopt the high-strength casting aluminium housing, which is also done the Anti-static thermoplastic spray printing. So that it is not only better on anticorrosion and antioxidant, but also more beautiful and durable.
5. There are different installation methods for option.

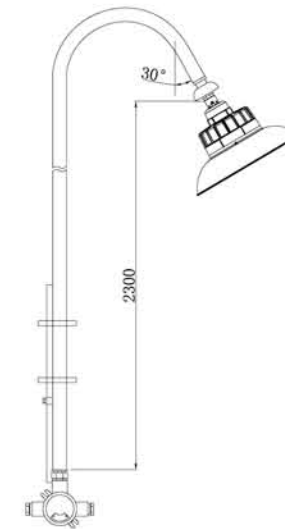


**EXPLOSION
PROOF LED
HIGH BAY
NS-GKD-FB**

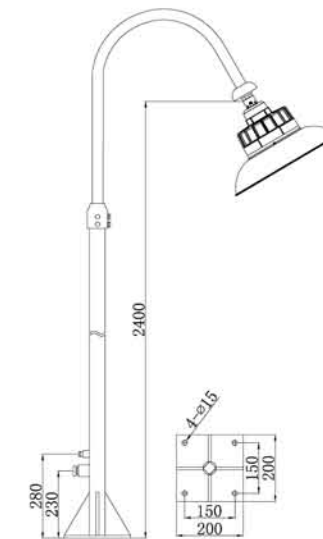


Part No.	Input Voltage(V)	Power(W)	Luminous Flux(Lm)	Explosion proof mark	IP Grade
NS-GKD-FB20-4	AC 100-265	20	≥ 1400	Exd II CT6	IP65
NS-GKD-FB30-4	AC 100-265	30	≥ 2100	Exd II CT6	IP65
NS-GKD-FB40-4	AC 100-265	40	≥ 3000	Exd II CT6	IP65
NS-GKD-FB50-4	AC 100-265	50	≥ 3500	Exd II CT6	IP65
NS-GKD-FB60-4	AC 100-265	60	≥ 4500	Exd II CT6	IP65
NS-GKD-FB80-4	AC 100-265	80	≥ 6000	Exd II CT6	IP65

INSTALLATION

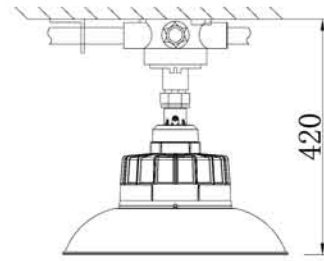


Guardrail

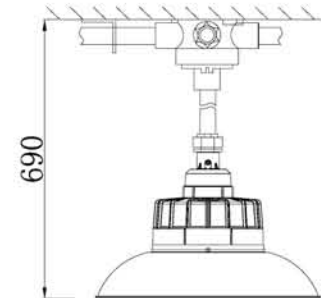


On Ground

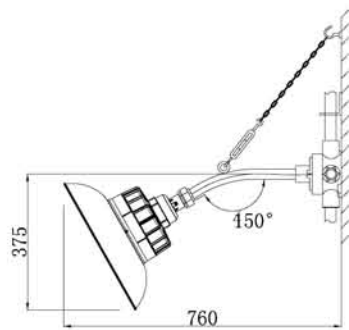
INSTALLATION



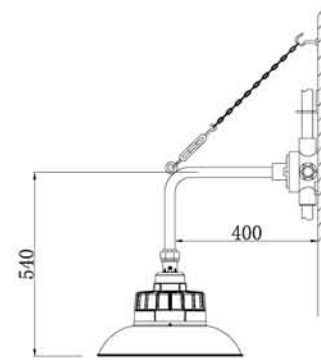
Ceiling



Suspension



Wall hanging 30°

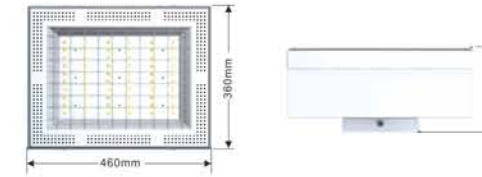


Wall hanging 90°



EXPLOSION PROOF LED GAS STATION LAMPS

NS-YZD-FB



Part No.	Input Voltage(V)	Power(W)	Luminous Flux(Lm)	Power Factor	IP Grade
GT701-C.D-080A	AC100-240	80	≥6800	≥0.95	IP65
GT701-C.D-120A	AC100-240	120	≥10200	≥0.95	IP65
GT701-C.D-150A	AC100-240	150	≥12750	≥0.95	IP65

APPLICATION

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3. Suitable for combustible dust environment area 20,21& 22.
4. Applicable for environment temperature groups from T1 to T4.
5. Widely used in petroleum mining, oil refining, chemical industry, military industry, and dangerous environment and offshore oil platform, cruise ships and other places work and all kinds of indoor and outdoor operation, construction site, platform and equipment, facilities and other places.

PRODUCT FEATURES

1. Environment friendly, no pollution, Pb & Hg free.
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3. High power LED are adopted as illuminant are adopted, light will be softer and light efficiency is higher. And it is much better than the traditional High Bay on energy saving.
4. Electric appliance box adopt the high-strength casting aluminium housing, which is also done the Anti-static thermoplastic spray printing. So that it is not only better on anticorrosion and antioxidant, but also more beautiful and durable.
5. There are different installation methods for option.



EXPLOSION PROOF LED TUNNEL LAMPS

NS-SDD-FB



Part No.	Input Voltage(V)	Power(W)	Luminous Flux(Lm)	Explosion proof mark	IP Grade
NS-SDD-FB60	AC 100-240	60	5100	Exd II BT6/ DIPA20TA	IP66
NS-SDD-FB80	AC 100-240	80	6800	Exd II BT6/ DIPA20TA	IP66

APPLICATION

1. It is suitable for explosive regional environment places zone 1 and zone 2.
2. Applicable for explosive gases environment class II A & II B.
3. Suitable for combustible dust environment area 20,21& 22.
4. Applicable for environment temperature groups from T1 to T4.
5. Intended for use in oil field, petrochemical factory, oil well, chemical facilities
6. Widely applied to explosive area like oil exploit, oil refining, chemical industry, war industry, or caustic area like ocean oil platform and ship, or indoor outdoor construction area.

PRODUCT FEATURES

1. LEDs are driven by constant current and low voltage. The anti-interference driver can provide pure constant current for the LED in wide input voltage.
2. LED is environmental friendly cold light source with no IR and mercury.
3. With high brightness LED, it can save 65% power compared to traditional highbay
4. With special light distribution design, it can control the beam angle precisely to avoid the light pollution and light waste. With the special soft light design it can reduce eyestrain and improve work efficiency.
5. Omni-seal design with screw thread, crown edge structure and glue cementing treatment, it can provide a great explosion-proof, dust-proof, water-proof and corrosion-proof performance.
6. With great shock resistance and IP66 design.



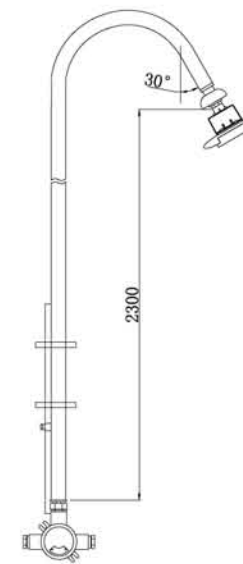
EXPLOSION PROOF LED TUNNEL LAMPS

NS-SDD-Y

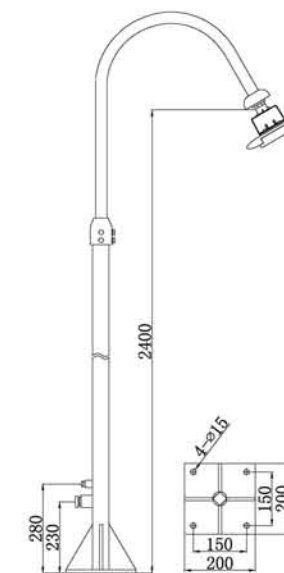


Part No.	Input Voltage(V)	Power(W)	Luminous Flux(Lm)	Luminous Efficacy	CCT	CRI
NS-SDD-Y60	AC110-220	60	> 5200	>86Lm/w	3000-6000K	Ra>75
NS-SDD-Y90	AC110-220	90	> 7740	>86Lm/w	3000-6000K	Ra>75
NS-SDD-Y120	AC110-220	120	> 10320	>86Lm/w	3000-6000K	Ra>75

INSTALLATION

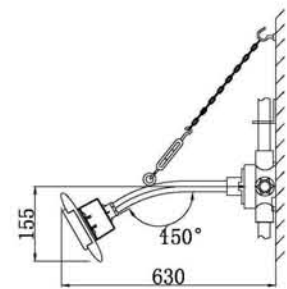


Guardrail

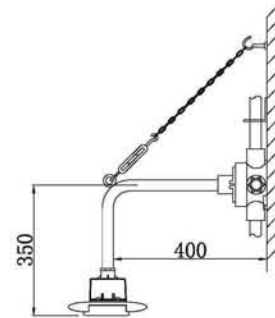


On Ground

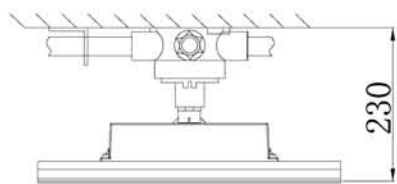
INSTALLATION



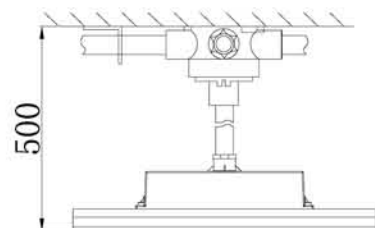
Wall hanging 30°



Wall hanging 90°



Ceiling



Suspension

SOLAR STREET LAMPS
NS-LD-TYN



Part No.	Input Voltage(V)	Power(W)	Luminous Flux(Lm)	Luminous Efficacy	CCT	CRI
NS-LD-TYN-30	DC12-24	30	>2600	>86Lm/w	3000-6000K	Ra>70
NS-LD-TYN-60	DC12-24	60	>5200	>86Lm/w	3000-6000K	Ra>70



SOLAR STREET LAMPS

NS-LD-TYN



EXPLOSION PROOF LED TUBE

NS-T8



Part No.	Input Voltage(V)	Power(W)	Luminous Flux(Lm)	Luminous Efficacy	CCT	CRI
NS-T8-2XX-FBX	AC110-220	9	> 780	>85Lm/W	3000-6000K	Ra>75
NS-T8-4XX-FBX	AC110-220	18	> 1600	>85Lm/W	3000-6000K	Ra>75



LED SENSING LAMP

NS-BULB-GYD



NS-BULB-GYD5

Power(W)	6
Standby Power Loss(W)	0.3
Input Voltage(VAC)	90~260
Luminous Flux(Lm)	500
LED	5×1W
Infrared Induction Distance(M)	4~5
Acoustic Control Sensitivity(dB)	65
Bright Light Delay(S)	60~120
Dimensions(Mm)	D50×L110
Base	E14/E27
Weight(g)	95

NS-BULB-GYD6

Power(W)	7
Standby Power Loss(W)	0.3
Input Voltage(VAC)	90~260
Luminous Flux(Lm)	600
LED	6×1W
Infrared Induction Distance(M)	4~5
Bright Light Delay(S)	60~120
Dimensions(Mm)	D60×L120
Base	E27
Weight(g)	130

NS-GY-LDX8

Power(W)	9
Standby Power Loss(W)	0.2
Input Voltage(VAC)	110~220±10%
Luminous Flux(Lm)	1000
LED	80×3014SMD
Infrared Induction Distance(M)	7~8
Bright Light Delay(S)	60~120
Dimensions(Mm)	D265×L80
Weight(g)	310

PRODUCT FEATURES

- ① Environmental friendly, aluminum alloy heatsink, robust and durable, easy control.
- ② Internal far infrared sensor senses the signal of body's movement . Sound sensors perceive sound (shout, clap, whistle, impact, etc.)
- ③ Supplemented by light control. Automatically shut down during the day; Day & Night do not have light control, can be designed 1/5 low light standby lighting for 24 hours. Therefore, at night or in dark palces(light control model), the light source will be lighted up automatically, and last for 60seconds, when somebody pass by, or there is sound in effective sensing range.
- ④ Using high light efficiency high power LED, great heat dissipation aluminum body.
- ⑤ In put voltage AC 100V - 240V.
- ⑥ Standard E27 base

APPLICATION

With easy installation, this product is widely used in Kitchen, toilet, balcony, garage, warehouse, distribution room, corridor, elevator, tunnel, various public channels occasions where need high-brightness long-life energy-saving automatic lights



MOBILE LIGHTING



NS-YD-CDTD1-16

LED POWER(W)	1
Lighting Time(hrs)	10/bright light,20/week light
Lithium batteries dosage(mAh/V)	1600/3.7
Distance(M)	100
Numbers of recharge time	≥500
Size(mm)	55×55×50
Weight(g)	90



NS-YD-CDTD3-20

LED POWER(W)	3
Lighting Time(hrs)	8/bright light,24/week light
Lithium batteries dosage(mAh/V)	2000/3.7
Distance(M)	150
Numbers of recharge time	≥500
Size(mm)	70×55×45
Weight(g)	100



NS-YD-FBTD0.5-20

LED POWER(W)	0.5
Lighting Time(hrs)	15/bright light,30/week light
Lithium batteries dosage(mAh/V)	2000/3.7
Distance(M)	50
Numbers of recharge time	≥500
Size(mm)	75×65×50
Weight(g)	110



NS-YD-FBTD3-20

LED POWER(W)	3
Lighting Time(hrs)	10/bright light,30/week light
Lithium batteries dosage(mAh/V)	2000/3.7
Distance(M)	150
Numbers of recharge time	≥500
Size(mm)	70×55×45
Weight(g)	100

PRODUCT FEATURES

- ① Environmental friendly, robust and durable, easy control.
- ② WaterProof and Explosion-proof.IP67
- ③ Over current short circuit protection for the battery and lamp.
- ④ This lamp could be 80 degrees range adjusted,according to the illumination need,
- ⑤ Using high light efficiency high power LED, great heat dissipation aluminum body.
- ⑥ LED and aluminum light cup monolithic structure, good thermal dissipation effect, high luminous efficacy

Notes

- ① According to the light switch, cycle into Lighting-auxiliary light-turn off mode.
- ② Please make regular maintenance, if the lamp have long time not used.
- ③ Charging process without intervention. The lamp will automatically shut when battery Charging completed.
- ④ The lamp body waterproof design, but not suitable for a long time to soak in the water.
- ⑤ Please do not crush ,puncture, dispose of the lamp and battery in the fire or water.

