# MARINE LIGHTING
LED SOLUTIONS

HOSTMOST
SINCE 1989

Your partner for high-performance marine lighting

# CONTENTS

**About JNLED** 1

**High Bay Lights** 3
- LED High Bay Lights

**Floodlights** 7
- Multi-purpose IP65 LED Floodlights
- Modular LED Floodlights
- Rotary Damper

**Navigation Lights** 27
- Single-Lens LED Navigation Lights
- Double-Lens LED Navigation Lights

**Solar LED Navigation lights** 33

**Triproof Lights** 35
- JNTPL-ASeries
- JNTPL-5531HSeries

**Cabin Lights** 41
- JN-Ceiling-SS304
- JN-Ceiling-PC1&2
- JN-Ceiling-RGBW&WW
- JN-Ceiling-WW

**ATEX Series** 47
- JNHB-ATEX-BSeries
- JNFL-ATEX-ASeries
- JNHB-ATEX-CSeries
- JNFL-ATEX-DSeries'
- JN-T-ATEX-DSeries
- JN-C-ATEX-CanopySeries
- JN-ATEX-LinearASeries
- JN-ATEX-LinearBSeries
- JN-ATEX-LinearCSeries
- JN-ATEX-LinearCSeries
- JN-ATEX-LinearDSeries
- JN-ATEX-LinearESeries
- JNFL-ATEX-FSeries
- JNFL-ATEX-ModelF
- JN-ATEX-StreetlightSeries
- JN-ATEX-Exit1Series
- JN-ATEX-Exit2Series
- JNHB-ATEX-GSeries

**Searchlights** 89
- Single Lamp and Dual Lamp Marine LED Searchlight Series

**Mobile LED Towers** 95

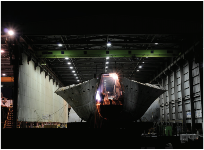
**Streetlights and Solar LED Streetlights** 97
- IE Streetlights and Solar LED Streetlights

**LED Strip Lights** 107
- COB LEDs

# ABOUT

With its strategic location in Hong Kong, JNLED is based near its long-term manufacturing LED lighting partners in Southern China. With a strong focus on quality, durability, and customization of products, we strive to supply the best solutions available to help customers achieve long-term savings and other benefits. JNLED offers a wide range of products with wide choice of dimming options, optics, LED chip options and LED driver options. Custom products and OEM solutions are available.

What sets JNLED apart from many other companies is the fact that replacement parts are available for most of our products, which enables future replacement of key components such as LED drivers and PCB's. This means users do not have to replace the entire product in most cases if a component fails. I'd like to somehow showcase this in the new catalogue Also, our products are mostly highly recyclable. These aspects help to reduce, reuse and recycle.



# High Bay Lights Benefits

Energy saving, long life-span LED high bay lights with high lumen output.

Engineered to deliver powerful, energy-efficient illumination for large spaces with high ceilings, such as warehouses, factories, and sports facilities. With high lumen output and advanced LED technology, they significantly reduce energy consumption and maintenance costs thanks to their long lifespan. These fixtures offer bright, uniform lighting that improves visibility and safety while emitting minimal heat—ideal for indoor environments.

HOSTMOST
SINCE 1989

LUMILEDS

inventronics

## LED High Bay
## 70W-250W approx. (12,000-40,000lm approx.)

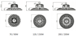
WARM WHITE NATURAL WHITE COOL WHITE
2700K 4000K 6500K

IP65
100K HOURS
-40 to +45°C

### Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | System Power (W) | LED Driver Voltage (V) | Beam Angle (°) | Color Temp. (CRI) | Lifetime (hrs) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|
| JNFB6-070S | 12,400 | 70 | 77 | Inventronics 100-305VAC | Beam Angle: 70° | 2700K-6500K (70/80) | 50,000 | -40°C to +45°C |
| JNFB7-090S | 15,900 | 90 | 99 | | | | | |
| JNFB8-120S | 21,800 | 120 | 132 | | | | | |
| JNFB9-200S | 32,000 | 190 | 200 | | | | | |
| JNFL10-250S | 39,750 | 240 | 250 | | | | | |
| JNFL11-250S | 50,300 | 300 | 320 | | | | | |

**Dimensions**



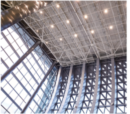
70 / 90W    120 / 150W    200 / 250W

LED High Bay Lights provide powerful, efficient illumination for any industrial space.

DE37
Philips Lumileds 5050
7000

---

| Model No. | Weight (kg) | Dimensions (length* height in mm) | CCT | CRI | Dimming Control | Lifespan |
|---|---|---|---|---|---|---|
| JNFB6-070S | 2.6 | ⌀280*160 | 3000K, 4000K, 5000K, 5700K, 6500K | >70 (>80 optional) | 1-10V, PWM, DALI | 100,000 |
| JNFL11-080S | 2.6 | ⌀280*160 | | | | |
| JNFL12-100S | 3.7 | ⌀340*166 | | | | |
| JNFL13-150S | 3.7 | ⌀340*166 | | | | |
| JNFL14-200S | 4.6 | ⌀400*167 | | | | |
| JNFL15-250S | 4.7 | ⌀400*167 | | | | |



## Multi-Purpose IP65
## LED Floodlights

**30-1800W (7,000-265,000lm approx.)**

For harbour cranes, transhipment cranes, container ports, loading and unloading areas, railway yards, construction sites.

HOSTMOST
SINCE 1989

## LED Floodlight Series Benefits

Up to 1800W and over 230,000 luminous flux, with system efficacy exceeding 140 lm/W

Slim profile offering best performance ratio for windage and weight

Unique, fold fin heatsink technology greatly reduces thermal density and maintains a low LED junction temperature

Full range of optics for a wide variety of professional lighting applications

Protective UV stabilized powder coated finish

Coastal coatings (Akzo Nobel) available for additional protection against saline air and spray

IP65 weather resistant

0-10V or DALI Dimming options and compatible with all leading lighting control systems

Stainless steel 316 brackets available

Customized brackets available

PHILIPS
LUMILEDS
inventronics
WAGO

# Multi-purpose IP65 LED Floodlights 60-1,800W (8,000-265,000lm approx.)

JNFL18-400S-4000-A6-ND
60-400W
(9,200-62,600lm approx.)
Single PCB

JNFL23-1200S-4000-A1-ND
500-1800W
(71,200-265,000lm approx.)
Dual PCB

With reinforced glass, Philips LumiLEDs, inventronicsss LED driver, stainless steel 316 bracket and housing painted in protective Akzo Nobel Coastal Painting.

70/80 | Philips Lumileds 5050 | 50K HOURS | -40 to +45°C | DALI

WARM WHITE | NATURAL WHITE | COOL WHITE
2700K | 4000K | 6500K

## Technical Data

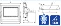
| Model No. | Luminous Flux (lm) | LED Power (W) | System Power (W) | Weight (kg) | LED driver Voltage (V) | Beam angle (°) | Working temperature |
|---|---|---|---|---|---|---|---|
| JNFL10-060S | 9,000 | 60 | 65 | 4.2 | Inventronics 90-305 | Wide range of options:<br>Round profile:<br>20×20°<br>30×30°<br>60×60°<br>Square profile:<br>60×60°<br>90×90°<br>Asymmetric profile:<br>45×45°<br>0×70°<br>60×135°<br>Ultra asymmetric profile:<br>20×135°<br>25×135°<br>30×95°<br>60×140° | -40°C to +45°C |
| JNFL11-080S | 12,100 | 80 | 85 | 5.9 | | | |
| JNFL12-100S | 14,100 | 100 | 110 | 5.9 | | | |
| JNFL13-150S | 22,100 | 150 | 115 | 7.2 | | | |
| JNFL14-200S | 31,300 | 200 | 220 | 7.2 | | | |
| JNFL15-250S | 35,600 | 250 | 260 | 8.2 | | | |
| JNFL16-300S | 44,100 | 300 | 310 | 8.9 | | | |
| JNFL17-350S | 53,600 | 350 | 370 | 11.1 | | | |
| JNFL18-400S | 62,600 | 400 | 440 | 13.3 | | | |
| JNFL19-500S | 71,200 | 500 | 540 | 21.5 | | | |
| JNFL20-600S | 88,200 | 600 | 640 | 23.2 | | | |
| JNFL21-800S | 125,300 | 800 | 880 | 30.1 | | | |
| JNFL22-1000S | 142,400 | 1,000 | 100 | 31.5 | | | |
| JNFL23-1200S | 170,800 | 1,200 | 1,300 | 35.5 | | | |
| JNFL24-1500S | 303,000 | 1,500 | 1,450 | 37.4 | | | |
| JNFL25-1800S | 265,000 | 1,800 | 1,850 | 42 | | | |

## Photometrics

| Round Profile | Square Profile | Asymmetric Profile | Ultra Asymmetric Profile |
|---|---|---|---|
| N020 = Round 20°x20° | S060 = Square 60°x60° | A045 = Single 45°x145° | A020 = Ultra 20°x 135° |
| N030 = Round 30°x30° | S090 = Square 90°x90° | A070 = Single 70°x145° | A025 = Ultra 25°x 135° |
| N060 = Round 60°x60° | | A605 = Linear 60°x90° | AL030 = Linear 30°x95° |
| | | A605 = Linear 60°x90° | AL060 = Linear 60°x140° |

### 400 Watt Natural White Non-Dimmable 60°×135° LED Flood Light (IP65)

**Dimensions**



IP65 | >0.90 | IK07

## Additional Information

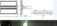
**Dimmable:** Non-dimmable, Dimming options available (0-10V/DALI)
**Light colour:** Natural white
**Colour temperature:** 4000K
**Lumen per Watt:** 140
**CRI:** >70 (>80 optional)
**PF:** >0.90
**Socket:** N/A

**Mounting:** Adjustable Bracket. Prepared at the factory to match the dimensions stated by client.

**Material:** Aluminium (heatsink) / Stainless Steel 316 (bracket) / Tempered Glass

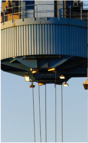
### 1200 Watt natural white non-dimmable 10°×10° LED flood light (IP65)

**Dimensions**



| SKU | Dimensions (mm) | | | | |
|---|---|---|---|---|---|
| | A | B | C | D | E |
| JNFL10-060S | 259 | 367 | 91 | 244 | 150 |
| JNFL11-080S | 310 | 367 | 91 | 244 | 300 |
| JNFL12-100S | 310 | 367 | 91 | 244 | 300 |
| JNFL13-150S | 360 | 367 | 91 | 244 | 350 |
| JNFL14-200S | 360 | 367 | 91 | 244 | 350 |
| JNFL15-250S | 411 | 367 | 91 | 244 | 300 |
| JNFL16-300S | 461 | 367 | 91 | 244 | 350 |
| JNFL17-350S | 562 | 367 | 91 | 244 | 450 |
| JNFL18-400S | 663 | 367 | 91 | 244 | 550 |
| JNFL19-500S | | | | | |
| JNFL20-600S | 584 | 672 | 116 | 435 | 390 |
| JNFL21-800S | 788 | 672 | 116 | 435 | 490 |
| JNFL22-1000S | 788 | 672 | 116 | 435 | 695 |
| JNFL23-1200S | 940 | 672 | 116 | 435 | 695 |
| JNFL24-1500S | 788 | 665 | 161 | | |
| JNFL25-1800S | | | | | |

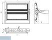
## Multi-purpose IP65 LED Floodlights
## 60-1,800W (8,000-265,000lm approx.)



### 1200W LED Floodlight Dimensions

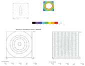
### 60-1500W LED Floodlight Dimensions

### 500-1500W LED Floodlight Dimensions



---

## Light Simulation Example



## Modular LED Floodlights
## 8,500-259,400W (8,500-259,400lm approx.)

Modular LED flood light
1 Module

Modular LED flood light
2 Modules

Modular LED flood light
3 Modules

Modular LED flood light
4 Module

WARM WHITE NATURAL WHITE COOL WHITE
4000K 5000K 6500K

## Technical Data

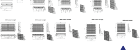
**Modular LED floodlights, non-dimmable. Dimming solutions such as 0-10V, DALI available.**

| Model | Product | Luminous Flx (Lm) | LED Power (W) | System (W) | LED/LED DRIVER | Beam Angle |
|---|---|---|---|---|---|---|
| JNFLM10-050S | Modular LED flood light of 50W, (1 module, non-dimmable) | 8,500 | 50 | 55 | Philips Lumileds 5050<br>Inventronicsxxx<br>100-305VAC (347-480VAC available) | Wide range of optionc round profile:<br>20°*20°<br>30°*30°<br>60°*60°<br>Type I:<br>30°*100°<br>Type II:<br>50°*140°<br>Type III:<br>40°*140°<br>Type IV:<br>30°*140°<br>TypeV:<br>140°*140° |
| JNFLM11-075S | Modular LED flood light of 75W, (1 module, non-dimmable) | 12,800 | 75 | 82 | | |
| JNFLM12-100S | Modular LED flood light of 100W, (1 module, non-dimmable) | 17,800 | 100 | 110 | | |
| JNFLM13-150S | Modular LED flood light of 150W, (2 modules, non-dimmable) | 25,500 | 150 | 160 | | |
| JNFLM14-200S | Modular LED flood light of 200W, (2 modules, non-dimmable) | 35,800 | 200 | 220 | | |
| JNFLM16/4-300S | Modular LED flood light of 300W, (3 modules, non-dimmable) | 53,100 | 300 | 330 | | |
| JNFLM18/6-400S | Modular LED flood light of 400W, 4 modules (non-dimmable) | 71,800 | 400 | 440 | | |
| JNFLM19/5-500S | Modular LED flood light of 500W, (5 modules, non-dimmable) | 88,000 | 500 | 540 | | |
| JNFLM20-600S | Modular LED flood light of 600W, (2x3=6 modules, non-dimmable) | 105,000 | 600 | 640 | | |
| JNFLM21-800S | Modular LED flood light of 600W, (2x3=6 modules, non-dimmable) | 143,500 | 800 | 880 | | |
| JNFLM22-1000S | Modular LED flood light of 1,000W, (2x5=10 modules, non-dimmable) | 179,400 | 1,000 | 1,100 | | |
| JNFLM23-1200S | Modular LED flood light of 1,200W, (2x6=12 modules, non-dimmable) | 208,000 | 1,200 | 1,280 | | |
| JNFLM25-1400W | Modular LED flood light of 1,400W, (2x6=12 modules, non-dimmable) | 225,100 | 1,400 | 1,440 | | |
| JNFLM26-1600W | Modular LED flood light of 1,400W, (2x7=14 modules, non-dimmable) | 259,400 | 1,600 | 1,660 | | |

**Modular LED floodlights with stainless steel 316S bracket and marine coating, non-dimmable. Dimming solutions such as 0-10V, DALI available.**

| Model | Product | Lumen Lúmenes (lm) | LED Power (W) | System Power (W) | LED/LED DRIVER | Beam Angle |
|---|---|---|---|---|---|---|
| JNFLM10-050S-316S | Modular LED flood light of 50W, (1 module, non-dimmable) | 8,500 | 50 | 55 | Philips Lumileds 5050<br>Inventronicsxxx<br>100-305VAC (347-480VAC available) | Wide range of options: round profile:<br>20°*20°<br>30°*30°<br>60°*60°<br>Type I:<br>30°*100°<br>Type II:<br>50°*140°<br>Type III:<br>40°*140°<br>Type IV:<br>30°*140°<br>TypeV:<br>140°*140° |
| JNFLM11-075S-316S | Modular LED flood light of 75W, (1 module, non-dimmable) | 12,800 | 75 | 82 | | |
| JNFLM12-100S-316S | Modular LED flood light of 100W, (1 module, non-dimmable) | 17,800 | 100 | 110 | | |
| JNFLM13-150S-316S | Modular LED flood light of 150W, (2 modules, non-dimmable) | 25,500 | 150 | 160 | | |
| JNFLM14-200S-316S | Modular LED flood light of 200W, (2 modules, non-dimmable) | 35,000 | 200 | 220 | | |
| JNFLM16/4-300S-316S | Modular LED flood light of 300W, (3 modules, non-dimmable) | 52,100 | 300 | 320 | | |
| JNFLM18/6-300S-316S | Modular LED flood light of 400W, 4 modules (non-dimmable) | 71,800 | 400 | 440 | | |
| JNFLM19/5-500S-316S | Modular LED flood light of 500W, (5 modules, non-dimmable) | 88,000 | 500 | 540 | | |
| JNFLM20-600S-316S | Modular LED flood light of 600W, (2x3=6 modules, non-dimmable) | 105,000 | 600 | 640 | | |
| JNFLM21-800S-316S | Modular LED flood light of 600W, (2x3=6 modules, non-dimmable) | 143,500 | 800 | 880 | | |
| JNFLM22-1000S-316S | Modular LED flood light of 1,000W, (2x5=10 modules, non-dimmable) | 179,400 | 1,000 | 1,100 | | |
| JNFLM23-1200S-316S | Modular LED flood light of 1,200W, (2x6=12 modules, non-dimmable) | 208,000 | 1,200 | 1,280 | | |
| JNFLM25-1400S-316S | Modular LED flood light of 1,400W, (2x6=12 modules, non-dimmable) | 225,100 | 1,400 | 1,440 | | |
| JNFLM26-1600S-316S | Modular LED flood light of 1,400W, (2x7=14 modules, non-dimmable) | 259,400 | 1,600 | 1,660 | | |

### Dimensions

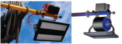


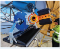
## Modular LED Floodlights
## 8,500-259,400W (8,500-259,400lm approx.)

### Packing Information

| Model | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| JNFL10-060S | 1 | 450x400x380 mm/<br>17.71x15.75x14.96 in | 4.2 kg/ 9.26 lbs | 6 kg/ 13.23 lbs |
| JNFL11-080S | 1 | 460x450x380 mm/<br>18.11x17.72x14.96 in | 5.9 kg/ 13 lbs | 8 kg/ 17.64 lbs |
| JNFL12-100S | 1 | 460x450x380 mm/<br>18.11x17.72x14.96 in | 5.9 kg/ 13 lbs | 8 kg/ 17.64 lbs |
| JNFL13-150S | 1 | 560x460x380 mm/<br>22x18.11x14.96 in | 7.2 kg/ 15.87 lbs | 10 kg/ 22.04 lbs |
| JNFL14-200S | 1 | 560x460x380 mm/<br>22x18.11x14.96 in | 8.2 kg/18.1 lbs | 11 kg/ 24.25 lbs |
| JNFL15-250S | 1 | 620x440x180 mm/<br>24.41x17.32x7.09 in | 8.9 kg/ 19.62 lbs | 12 kg/ 26.46 lbs |
| JNFL16-300S | 1 | 640x230x730 mm/<br>25.20x9.05x28.74 in | 11.1 kg/ 24.47 lbs | 13 kg/ 28.66 lbs |
| JNFL17-350S | 1 | 730x230x930 mm/<br>28.74x9.05x36.61 | 12.3 kg/ 27.12 lbs | 14 kg/ 13.86 lbs |
| JNFL18-400S | 1 | 730x230x930 mm/<br>28.74x9.05x36.61 | 12.3 kg/ 27.12 lbs | 14 kg/ 13.86 lbs |
| JNFL19-500S | 1 | 730x230x930 mm/<br>28.74x9.05x36.61 | 21.5 kg/ 47.40 lbs | 24.5 kg/ 54 lbs |
| JNFL20-600S | 1 | 730x230x930 mm/<br>28.74x9.05x36.61 | 22.2 kg/ 48.94 lbs | 25 kg/ 55.11 lbs |
| JNFL21-800S | 1 | 950x880x270 mm/<br>37.40x34.65x10.63 in | 30.1 kg/ 66.36 lbs | 33 kg/ 72.75 lbs |
| JNFL22- | 1 | 950x880x270 mm/<br>37.40x34.65x10.63 in | 31.5 kg/ 69.45 lbs | 34 kg/ 74.96 lbs |
| JNFL23- | 1 | 1150x880x270 mm/<br>45.28x34.65x10.63 in | 35.5 kg/ 78.26 lbs | 38.5 kg/ 84.88 lbs |
| JNFL24- | 1 |  | 37 kg/ 81.57 lbs | 40 kg/ 88.18 lbs |
| JNFL25- | 1 |  | 42 kg/ 92.59 lbs | 42 kg/ 92.59 lbs |

## IB Rotary Damper





### Engineered Stability & Lighting Efficiency for Crane Applications

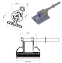
The IB Rotary Damper offers a range of practical and performance-driven benefits for crane-based LED lighting systems. One of its most significant advantages is cost efficiency—users can expect substantial energy savings, reduced $CO_2$ emissions, and fewer expenses related to maintenance or fixture replacement. The damper helps protect lighting equipment from damage caused by the abrupt movement of crane booms, thus extending the life span of both the damper and the high-quality LED lights.

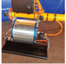
Designed to ensure stable illumination, the damper minimizes motion, allowing LED fixtures to hang almost completely still—even during crane operation. This improves visibility for crane drivers, reach stacker operators, truck drivers, and on-site personnel, contributing to a safer working environment both on vessels and around crane zones.

Built with precision, the damper and mounting brackets are 100% designed and manufactured in the Netherlands. Each unit is equipped with end blocks featuring vulcanized stoppers, though under standard conditions, the stoppers are rarely engaged. The 1200W LED floodlight is powered by waterproof LED drivers housed separately from the fixture to enhance heat dissipation and increase the fixture's lifespan. This separate housing also allows easy access for future driver replacements.

The system utilizes durable PUR heavy-duty cables, and the robust brackets can be customized to fit virtually any LED lighting fixture. All lighting aspects and safety requirements are carefully considered during the design and production stages, ensuring a solution that is both practical and performance-optimized.

**Dimensions**





# Navigation Lights

HOSTMOST
SINCE 1989

## Single-Lens LED Navigation Lights

JN-NAV.0085.SB.S
Single Lens
Starboard Light

JN-NAV.0085.P.S
Single Lens
Port Light

JN-NAV.0085.MH.S
Single Lens
Masthead Light

JN-NAV.0085.S.S
Single Lens
Stern Light

JN-NAV.0085.AR.S
Single Lens
All-round Light

Philips Lumileds 3030

-30 to +45°C

WARM WHITE NATURAL WHITE COOL WHITE
2700K 4000K 6500K

| IMPA Code | Item code | Item type | Color | Visibility | Level Arc | Weight | Power | Input | Output | Working Temp. |
|---|---|---|---|---|---|---|---|---|---|---|
| 370422 | JN-NAV-0085-SB-S | Single Lens Starboard Light | Green | 3n.m | 112.5° | 2.8kg | 8W | 100-240 VAC | 24VDC | -30°C to +45°C |
| 370423 | JN-NAV-0085-P-S | Single Lens Port Light | Red | 3n.m | 112.5° | 2.8kg | 8W | 100-240 VAC | 24VDC | -30°C to +45°C |
| 370421 | JN-NAV-0085-MH-S | Single Lens Masthead Light | White | 6n.m | 225° | 2.8kg | 8W | 100-240 VAC | 24VDC | -30°C to +45°C |
| 370424 | JN-NAV-0085-S-S | Single Lens Stern Light | White/ Yellow | 3n.m | 135° | 2.8kg | 8W | 100-240 VAC | 24VDC | -30°C to +45°C |
| 370426 /27/28 | JN-NAV-0085-AR-S | Single Lens All-Round Light | Green/ Red/ White | 3n.m | 360° | 2.8kg | 8W | 100-240 VAC | 24VDC | -30°C to +45°C |

## Additional Information

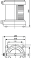
### Reliable LED Navigation Lights for Vessels ≥50M

This IP56-rated navigation signal lamp is engineered for vessels 50 metres and above, ensuring dependable signaling during night operations. It features a rugged PA+GF housing, a shatter-resistant polycarbonate lampshade, and a stainless steel lens hood—built to endure harsh marine conditions.

Equipped with high-power LEDs, the lamp delivers excellent visibility and energy efficiency. It complies with maritime visibility standards: 3 nautical miles for port, starboard, stern, and all-round lights, and 6 nautical miles for the masthead light.

Installation is straightforward with its 4-hole mounting system and adaptable cable entry points of φ10 - φ12.

IP65 >0.98 IK07



## Double-Lens LED Navigation Lights 2*8W

JN-NA-008S-SB-S
Double Lens
Starboard Light

JN-NA-008S-P-S
Double Lens
Port Light

JN-NAV-008S-MH-S
Double Lens
Masthead Light

JN-NAV-008S-S-S
Double Lens
Stern Light

JN-NAV-008S-AR-S
Double Lens
All-round Light

7000K
Philips Lumileds 3030
50K hours
-30 to +45°C

WARM WHITE
NATURAL WHITE
COOL WHITE
2700K
4000K
6500K

**Packing Dimensions**

| Lens Type | Product size | G.W. |
|---|---|---|
| Single lens | 30*20*25cm | 3kg |
| Double lens | 50*20*25cm | 5kg |

| IMPA Code | Item code | Item type | Color | Visibility | Level Arc | Power | Weight | Input | Output | Working temperature |
|---|---|---|---|---|---|---|---|---|---|---|
| 370422 | JN-NAV-016D-SB-D | Double Lens Starboard Light | Green | 3n.m | 112.5° | 2*8W | 5.2kg | 100~240VAC | 24VDC | -30°C to +45°C |
| 370423 | JN-NAV-016D-P-D | Double Lens Port Light | Red | 3n.m | 112.5° | 2*8W | 5.2kg | 100~240VAC | 24VDC | -30°C to +45°C |
| 370421 | JN-NAV-016D-MH-D | Double Lens Masthead Light | White | 6n.m | 225° | 2*8W | 5.2kg | 100~240VAC | 24VDC | -30°C to +45°C |
| 370424 | JN-NAV-016D-S-D | Double Lens Stern Light | White/ Yellow | 3n.m | 135° | 2*8W | 5.2kg | 100~240VAC | 24VDC | -30°C to +45°C |
| 370426 /37028 | JN-NAV-016D-AR-D | Double Lens All-Round Light | Green/ Red/ White | 3n.m | 360° | 2*8W | 5.2kg | 100~240VAC | 24VDC | -30°C to +45°C |

## Additional Information

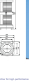
IP65
≥0.90
IK07

### Reliable LED Navigation Lights for Vessels ≥50M

Designed specifically for vessels 50 meters or longer, this LED navigation light ensures reliable signal visibility during night navigation. Its robust construction includes a PA+GF (polyamide with glass fiber) housing, a polycarbonate lampshade, and a stainless steel lens hood—materials selected for their durability in harsh marine conditions.

The fixture is equipped with a high-power LED light source and a four-hole mounting system for secure installation. It supports cable entries of φ10-φ12 mm, allowing for flexible and straightforward setup across various vessel configurations.

Engineered to meet maritime visibility requirements, the light provides a minimum visibility range of 3 nautical miles for port, starboard, stern, and all-round lighting, and 6 nautical miles for masthead lighting. With an IP56 rating, the luminaire is protected against water jets and dust ingress, ensuring dependable performance in demanding offshore environments.



# Solar LED Navigation Lights

Coming soon...
HOSTMOST
SINCE 1989

# Triproof Lights

HOSTMOST
SINCE 1989

## JNTPL-ASeries
## 20-80W (approx 3,000 - 12,000 lm)

WARM WHITE
NATURAL WHITE
COOL WHITE
3000K
4000K
7000K

### High-Performance LED Batten Lights for Extreme Environments

Designed to perform in extreme temperatures from -40°C to +40°C, the JNTPL-ASeries LED Batten Lights are built for high-demand industrial and outdoor environments. Available in 20W to 80W models with lengths ranging from 30cm to 150cm, these fixtures deliver up to 12,000 lumens of high-quality illumination. Featuring an IK10 impact rating and IP65 protection, the lights boast a durable polycarbonate exterior, an aluminum interior frame, and stainless steel 316 housing on the 80W model for added corrosion resistance.

With a wide 120° beam angle and color temperatures of 3000K, 4000K, and 6000K (CRI >80), the batten lights offer excellent visibility for various applications including warehouses, transport terminals, and tunnel lighting. Powered by Epistar LEDs and designed for 220-240VAC input, each fixture ensures up to 50,000 hours of operation with minimal maintenance—making them a reliable and efficient lighting solution for harsh conditions.

## Additional Information

**Installation Options:** Multiple mounting configurations available

**Optics:** 120° beam angle

**Housing Material:** Copper-free aluminium with polycarbonate exterior, aluminium interior frame

**Service Life:** Up to 50,000 hours

**Vibration Rating:** IK10

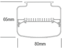
**Operating Temp.:** -40°C to +40°C

**Efficacy:** 20-80W

**Protection Rating:** IP65

| Product | Product Category | Luminous Flux (Lm) | LED Power (W) | System Power (W) | LED Light Source | LED Driver Voltage | Beam Angle | Color Temp. (CRI) | Lifetime | Working temperature |
|---|---|---|---|---|---|---|---|---|---|---|
| JNTPL-ASeries (20W, 30cm) | ASeries LED Batten Light (20W) 30cm | 3,000 | 20 | 23 | Epistar | 220-240VAC | 120° | 3000K/ 4000K/ 6000K (>80) | 50,000 | -40°C to +40°C |
| JNTPL-ASeries (30W, 60cm) | ASeries LED Batten Light (30W) 60cm |  | 30 | 33 |  |  |  |  |  |  |
| JNTPL-ASeries (50W, 120cm) | ASeries LED Batten Light (50W) 120cm | 7,500 | 50 | 55 |  |  |  |  |  |  |
| JNTPL-ASeries (80W, 150cm) | ASeries LED Batten Light (80W) 150cm | 12,000 | 80 | 88 |  |  |  |  |  |  |

### Dimensions



## Packing Information

| Model | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| JNTPL-ASeries (20W, 30cm) | 9pcs | 412x270x245 mm;<br>16.22x10.63x9.65 inches | 3 kg/6.61 lbs | 4 kg/8.52 lbs |
| JNTPL-ASeries (30W, 60cm) | 9pcs | 712x270x245 mm;<br>28.03x10.63x9.65 inches | 5 kg/11.02 lbs | 7.5 kg/16.53 lbs |
| JNTPL-ASeries (50W, 120cm) | 9pcs | 1312x270x245 mm;<br>51.65x10.63x9.65 inches | 11 kg/24.25 lbs | 14.11 kg/31.11 lbs |
| JNTPL-ASeries (80W, 150cm) | 9pcs | 1611x270x245 mm;<br>63.43x10.63x9.65 inches | 13.5 kg/29.76lbs | 17 kg/37.48 lbs |

## JNTPL-SS314Series
## 40-80W (approx 6,000 - 9,000 lm)

WARM WHITE NATURAL WHITE COOL WHITE

3000K 4000K 7000K

### Built Tough, Shining Bright – Lighting That Lasts

Introducing the JNTPL-SS314Series LED Batten Lights, the smart choice for industrial and commercial spaces that demand both performance and durability. Crafted with a rugged SS314 stainless steel exterior and aluminium interior frame, these lights are built to endure the toughest conditions — with IK10 impact protection and IP65 weatherproof sealing for total peace of mind. Whether you choose the 40W (60cm) or 60W (120cm) model, you get powerful illumination with luminous outputs of 6,000 lm and 9,000 lm, respectively.

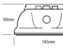
Designed for wide and even coverage, the 120° beam angle ensures no corner is left in the dark. You also get lighting flexibility with 3000K, 4000K, and 6000K color temperatures, all with CRI >80 for excellent color clarity. Backed by Epistar LED technology, a long 50,000-hour lifespan, and operation in extreme temperatures (-40°C to +40°C), this series is engineered for low maintenance and long-term savings. Whether installed in cold storage, car parks, or washdown areas, the SS314Series delivers tough, energy-efficient lighting you can count on.

### Additional Information

**Installation Options:** Multiple mounting configurations available
**Optics:** 120° beam angle
**Housing Material:** Copper-free aluminium with polycarbonate exterior, aluminium interior frame
**Service Life:** Up to 50,000 hours
**Vibration Rating:** IK10
**Operating Temp.:** -40°C to +40°C
**Efficacy:** 40-80W
**Protection Rating:** IP65

| Product | Product Category | Luminous Flux (Lm) | LED Power (W) | System Power (W) | LED Light Source | LED Driver Voltage | Beam Angle | Color Temp. (CRI) | Lifetime | Working temperature |
|---|---|---|---|---|---|---|---|---|---|---|
| JNTPL-SS314Series (40W, 60cm) | SS304Series LED Batten Light (40W) 60cm | 6,000 | 40 | 45 | Epistar | 220-240VAC | 120° | 3000K/ 4000K/ 6000k (>80) | 50,000 | -40°C to +40°C |
| JNTPL-SS314Series (60W, 120cm) | SS304Series LED Batten Light (60W) 120cm | 9,000 | 80 | 85 | | | | | | |

### Dimensions



### Packing Information

| Model | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| JNTPL-SS314Series (40W, 60cm) | 8pcs | 710x300x290 mm; 27.95x11.81x11.42 inches | 16 kg/35.27 lbs | 19.8 kg/43.65 lbs |
| JNTPL-SS314Series (60W, 120cm) | 4pcs | 1310x300x200 mm; 51.57x11.81x7.87 inches | 21 kg/46.3 lbs | 25.2 kg/55.56 lbs |

# Cabin Lights

HOSTMOST
SINCE 1989

## JN-Ceiling-SS304
## 4W

IP20 | 50K hours | -20 to +45°C

3000K 4000K 500K

### Dimensions

ø122.0mm
39.0
ø137.0mm

### Additional Information

### Durable Stainless Steel LED Cabin Light for Modern Marine Interiors

Engineered for reliability and aesthetic appeal, the JN-Ceiling-SS304-12V is a premium surface-mounted LED light from our Cabin Series, purpose-built for compact indoor and marine interiors. Its housing is made from corrosion-resistant SS304 stainless steel, ensuring durability in both humid environments and demanding applications such as yacht cabins, cruise interiors, and modern marine vessels.

Equipped with energy-efficient SMD2835 LED chips, this fixture delivers a steady 4W output while offering a selection of three color temperatures—3000K, 4000K, and 5000K—to suit a wide range of lighting preferences, from warm ambient tones to crisp, cool whites. Its precision-engineered optics ensure uniform light distribution, reducing harsh shadows and enhancing comfort in small or confined spaces. The JN-Ceiling-SS304-12V is designed to operate efficiently within a temperature range of -30°C to +45°C, making it suitable for use in both tropical and temperate environments. With dimensions of ø137mm x 39mm in height and a lens diameter of ø122mm (ø5-3/8"), it boasts a low-profile design that allows for a clean, streamlined ceiling appearance without sacrificing performance.

With an IP20 rating, this luminaire is best suited for dry, protected indoor spaces, offering safety and long-term performance in residential or commercial marine interiors. Backed by its robust build and reliable LED technology, the JN-Ceiling-SS304-12V is a practical, stylish solution for designers and installers who demand both form and function in their lighting systems.

### Technical Data

| Model No. | LED Type | LED Power (W) | CCT | Working Temp. (°) | IP Grade |
|---|---|---|---|---|---|
| JN-Ceiling-SS304-12V | SMD2835 | 4W | 3000K/<br>4000K/<br>5000K | -20°C to +45°C | IP20 |
| JN-Ceiling-SS304-12V-RW | | | Red/White Light | | |
| JN-Ceiling-SS304-12V-RW | | | 3000K/<br>4000K/<br>5000K | | |

---

## JN-Ceiling-PC
## 4W

IP20 | 50K hours | -20 to +45°C

3000K 4000K 500K

### Dimensions

JN-Ceiling-PC1

ø102.0mm
11.7mm

JN-Ceiling-PC2

ø127.0mm
12.2mm

### Additional Information

### Effortless Lighting, Built-In Control – Sleek Cabin LED Lights with Integrated Switch

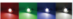
Elevate your interior lighting with the JN-Ceiling-PC1 and JN-Ceiling-PC2, premium LED fixtures from our Cabin Series designed for compact elegance and practical control. Featuring a slim, surface-mounted polycarbonate housing, these lights are both lightweight and durable—perfect for yacht cabins, RVs, and modern living spaces. What makes them truly standout is the integrated illuminated switch, allowing convenient on/off functionality directly on the fixture. This not only simplifies installation by eliminating the need for wall switches but also adds a subtle, stylish glow when not in use.

Both models deliver 4W of energy-efficient illumination using SMD2835 LEDs, available in 3000K, 4000K, or 5000K to suit your desired ambiance. The PC1 model features a compact ø102mm x 12mm form, while the PC2 offers a slightly wider ø127mm size for broader coverage—each designed to blend seamlessly with interior finishes. Rated IP20 and engineered to perform in temperatures from -20°C to +45°C, these fixtures combine modern aesthetics with practical reliability, making them an ideal lighting solution for refined, mobile, or compact environments.

### Technical Data

| Model No. | LED Type | LED Power (W) | CCT | Working Temp. (°) | IP Grade |
|---|---|---|---|---|---|
| JN-Ceiling-PC1 | SMD2835 | 4W | 3000K/<br>4000K/<br>5000K | -20°C to +45°C | IP20 |
| JN-Ceiling-PC2 | | | | | |

## JN-Ceiling-RGBW,WW
## 3W



WARM WHITE NATURAL WHITE COOL WHITE
3000K 4000K 500K

### Dimensions

ø78.0mm
21.0mm
ø60.0mm

### Additional Information

### Designed to Disappear, Built to Impress – Sleek Recessed LED Downlights for Premium Interiors

For lighting that blends seamlessly into your space while delivering professional-grade performance, look no further than the JN-Ceiling-RGBW and JN-Ceiling-WW from our Cabin Series. These stainless steel recessed-mounted LED downlights offer a refined, low-profile design that enhances the aesthetics of marine cabins, luxury RVs, or any modern interior where clean lines and discreet fixtures are essential. At just 21mm in height and ø78mm in diameter (ø60mm cut-out), they're engineered for tight spaces without compromising light output or style.

Both models are powered by high-efficiency SMD2835 LEDs, delivering a consistent 3W output with selectable color temperatures of 3000K, 4000K, or 5000K—allowing you to fine-tune the ambiance, whether you're creating warmth, clarity, or focus. The JN-Ceiling-WW delivers crisp white light in three shades, while the JN-Ceiling-RGBW brings your environment to life with dynamic color-changing capability, combining RGB effects with white light versatility for mood lighting or accent zones. With a reliable operating range of -20°C to +45°C and an IP20 rating, these fixtures are ideal for protected, dry interiors that demand both elegance and performance.

Sleek, subtle, and built to last, the JN-Ceiling downlights are the ideal choice for designers and builders who want maximum lighting impact with minimal visual intrusion.

### Technical Data

| Model No. | LED Type | LED Power (W) | CCT | Working Temp. (°) | IP Grade |
|---|---|---|---|---|---|
| JN-Ceiling-RGBW | SMD2835 | 3W | 3000K/<br>4000K/<br>5000K | -20°C to +45°C | IP20 |
| JN-Ceiling-WW | | | | | |

---

## JN-CabinSeries1&2-Reading-WW
## 1-2W

JN-Cabin-Series1-Reading_WW

JN-CabinSeries2-Reading-WW

WARM WHITE NATURAL WHITE COOL WHITE
3000K 4000K 500K

### Additional Information

### Focus Where You Need It – Sleek, Adjustable LED Reading Lights for Thoughtful Interiors

Bring precision, comfort, and style to your space with the *JN-CabinSeries1-Reading-WW* and *JN-CabinSeries2-Reading-WW*—premium adjustable reading lights from our Cabin Series, crafted from high-quality aluminum for a refined, modern look. Designed with flexibility in mind, these lights offer directional control, allowing users to focus illumination exactly where it's needed—ideal for reading nooks, bedside installations, or compact marine and RV environments. Their slim 60mm profile with a height of just 20mm ensures a low-impact footprint while still making a visual statement through clean, functional design.

Powered by energy-efficient SMD2835 LEDs, these fixtures come in two output options—1W for soft, ambient-focused tasks, and 2W for brighter, concentrated lighting. Both models offer selectable color temperatures of 3000K, 4000K, or 5000K, so you can tailor the tone from warm and relaxing to cool and invigorating. Operating reliably in temperatures from -20°C to +45°C and rated IP20, they're ideal for dry, interior use. Whether you're outfitting a modern yacht cabin or a high-end mobile home, the JN-CabinSeries reading lights offer a perfect blend of purposeful lighting and minimalist elegance.

### Technical Data

| Model No. | LED Type | LED Power (W) | CCT | Working Temp. (°) | Dimensions | IP Grade |
|---|---|---|---|---|---|---|
| JN-CabinSeries1-Reading-WW | SMD2835 | 1W | 3000K/<br>4000K/<br>5000K | -20°C to +45°C | 60mm x H20mm | IP20 |
| JN-CabinSeries2-Reading-WW | | 2W | | | | |

# ATEX Series

# JNHB-ATEX-BSeries
# 20-400W approx (2,800-56,000Lm approx)
# Explosion-Proof LED Luminaire
# Reliable Illumination for the Toughest Environments

IP67 · 50K hours · -40 to +45°C · ATEX

## Additional Information

**Installation Options:** Multiple mounting configurations available

**Optics:** Wide and narrow beam options for uniform illumination

**Housing Material:** Copper-free aluminium with corrosion-resistant frame.

**Service Life:** Up to 50,000 hours (L70)

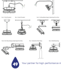
**Vibration Rating:** 5G high vibration resistance

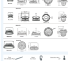
**Operating Temp.:** -40°C to +45°C (-40°F to +113°F)

**Coating:** Marine rated powder coating for harsh environments

**Efficacy:** Up to 140 lm/W

**Installation methods**





---

## Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage | Beam angle (°) | LED Driver Voltage (V) | Housing material/ Diffuser Material | Compliance | Color Temp. (CRI) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JNHB-ATEX-BSeries1 | 2,800 (20W)/ 5,600lm (40W) | 20/ 40W | 200-250VAC (Zone 1,2); 120-277/ 277-480VAC (North America) | 40/ 60/ 90/ 120° | 5 years | Copper Free Aluminium/ Tempered Glass | Escuema 5 RETILAP, UL, IECEx, ATEX, CSA, ABS | 2200K-7000K (CRI>70) | -40°C to +45°C |
| JNHB-ATEX-BSeries2 | 8,400 (60W)/ 11,200 (80W) | 60W/ 80W | | | | | | | |
| JNHB-ATEX-BSeries3 | 14,000 (100W)/ 16,000 (120W)/ 21,000 (150W)/ 28,000lm (200W) | 100/ 120/ 150/ 200W | | | | | | | |
| JNHB-ATEXBSeries4 | 35,000 (250W)/ 42,000 (300W)/ 49,000 (350W)/ 56,000lm (400W) | 250/ 300/ 350/ 400W | | | | | | | |

## Additional Information

### Engineered for Harsh & Hazardous Environments

This marine-rated luminaire features a corrosion-resistant powder coating and is engineered for versatility in hazardous environments. It can function as a spotlight, downlight, tunnel light, floodlight, or wall pack, making it ideal for a wide range of applications including ocean vessel operations, petroleum production and refinery, paint and metal facilities, mining operations, offshore platforms, as well as flour, food, and distilling production sites. Designed to perform in extreme conditions, it excels in areas with high humidity, vapor, dust, and temperature. Its robust protection includes IP66/IP67 ingress ratings, IK08 impact resistance with a glass cover (upgraded to IK10 with a wire guard), 1000-hour salt spray resistance, and 5G vibration tolerance.

Flat Glass · Convex Glass · Globe Glass

| | | |
|---|---|---|
| ATEX Standard | Ex | II 2 G Ex eb mb IIC T6...T4 Gb<br>II 2 D Ex tb IIIC T80°C...T100°C Db<br>II 3 G Ex ec IIC T6...T3 Gc<br>II 3 D Ex tc IIIC T85°c...T100°c Dc |
| IECex Standard | IECEx | Ex eb mb IIC T6...T4 Gb<br>Ex tb IIIC T80°C...T100°C Db<br>Ex ec IIC T6...T3 Gc<br>Ex tc IIIC T85°C...T100°CDb |
| UL Standard | UL | Class I, Division 2, Groups A, B, C, D<br>Class II, Division 1, Groups E, F, G<br>Class II, Division 2, Groups F, G<br>Class III |
| Retilap Standard | RETILAP | Esquema 5 RETILAP |
| Other Certifications | | UL1598, UL1598A, UL924, ETL, DLC, ABS, NSF, CB |

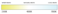
## Packing Information

| Model | Quantity/ Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| BSeries 1 | 1 | 386x330x220mm; 15.19x12.99x8.66inch | 4.4 kg/9.70 lbs | 5.5 kg/12.13 lbs |
| BSeries 2 | 1 | 360x354x260mm; 14.17x13.94x10.24inch | 3.5kg/7.72 lbs | 5kg/11.02 lbs |
| BSeries 3 | 1 | 480x480x265mm;<br>18.90x18.11x10.43inch | 8.2 kg/18.08 lbs | 10.5 kg/23.15 lbs |
| BSeries4 | 1 | 530x530x300mm; 20.87x20.87x11.81inch | 18.8kg/41.45 lbs | 21.5 kg/47.40 lbs |

| | UL Standard | | | | | |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in | | x | x | | x | x |

## JNFL-ATEX-ASeries
80-400W approx (11,200-56,000Lm approx)

IP67 50K HOURS -40 to +65°C ATEX


WARM WHITE
NATURAL WHITE
COOL WHITE
2200K
4000K
7000K

## Additional Information

**Installation Options:** Multiple mounting configurations available

**Optics:** Wide and narrow beam options for uniform illumination

**Housing Material:** Copper-free aluminium with corrosion-resistant frame.

**Service Life:** Up to 50,000 hours (L70)

**Vibration Rating:** 5G high vibration resistance

**Operating Temp.:** -40°C to +50°C (-40°F to +122°F)

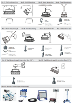
**Coating:** Marine-rated powder coating for harsh environments

**Efficacy:** Up to 140 lm/W

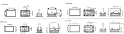
## Versatile Lighting for Hazardous and High-Stress Environments

This highly adaptable luminaire is ideal for use as a spotlight, downlight, tunnel light, floodlight, or wall pack, providing reliable general illumination in hazardous locations. It is well-suited for demanding applications such as ocean vessel operations, petroleum production and refining, storage and retail facilities, paint and metal foundries, mining sites, offshore platforms, and flour, food, and distilling production environments. Engineered to perform in areas with high humidity, vapor, dust, and extreme temperatures, it offers robust protection with IP66/IP67 ingress ratings, IK08 impact resistance with a glass cover, and IK10 when paired with a wire guard. Additional durability features include 1000-hour salt spray resistance and tolerance to 5G vibration, ensuring long-term performance even in the harshest industrial settings.

### Installation Methods and Accessories


No.1: Ceiling Mounting
No.2: Wall Mounting
No.3: Hook Mounting
No.4: Pole Mounting A
No.5: Pole Mounting B
No.6: Arm Mounting
No.7: Stanchion 90°
No.8: Stanchion 20°
No.9: Wall Mounting with Junction Box (90°)
No.10: Wall Mounting with Junction Box (20°)
No.11: Mobile Flood Light (5 Options)

## Dimensions



## Packing Information

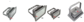
| Model | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| A | 1 | 375x340x215mm;<br>14.76x13.39x8.46inch | 6.95 kg/15.32 lbs | 7.9 kg/17.42 lbs |
| A2 | 1 | 365x270x305mm;<br>14.37x10.63x12.01inch | 4.15 kg/9.15 lbs | 5.3 kg/11.68 lbs |
| A3 | 1 | 485x340x365mm;<br>19.09x13.39x14.37inch | 8.3 kg/18.30 lbs | 10.3 kg/22.71 lbs |
| A4 | 1 | 490x460x290mm;<br>19.29x18.11x11.45inch | 15.1 kg/33.29 lbs | 17 kg/37.48 lbs |

## JNFL-ATEX-ASeries
## 80-400W approx (11,200-56,000Lm approx)

### Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage | Beam angle (°) | LED driver Voltage (V) | Housing material/ Diffuser Material | Compliance | Color Temp. (CRI) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JNFL-ATEX-ASeriesA1 | 11,200 (80W)/<br>14,000 (100W) | 80/ 100W | 200-250VAC (Zone 1,2); 120-277/ 277-480VAC (North America) | 40/ 60/ 90/ 120° | 5 years | Copper Free Aluminium/ Tempered Glass | Esquema 5 RETILAP, UL, IECEx, ATEX, CSA, ABS | 2200K-7000K (CRI>70) | -40°C to +60°C |
| JNFL-ATEX-ASeriesA2 | 2,800 (20W)/<br>5,600 (40W)/<br>8,400 (60W) | 20/ 40/ 60W | | | | | | | |
| JNFL-ATEX-ASeriesA3 | 21,000 (150W)/<br>25,000 (180W)/<br>28,000 (200W) | 150/ 180/ 200W | | | | | | | |
| JNFL-ATEX-ASeriesA4 | 35,000 (250W)/<br>42,000 (300W)/<br>56,000 (400W) | 250/ 300/ 400W | | | | | | | |

**3 Different Shapes**

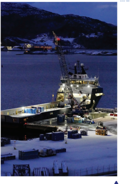


Shape 1: Front Cover without Step

Shape 2: Front Cover with Step

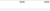
Shape 3: with MTV Round Cover

| | | |
|---|---|---|
| **ATEX Standard** | | II 2 G Ex eb mb IIC T6...T4 Gb<br>II 2 D Ex tb IIIC T80°C...T100°C Db<br>II 3 G Ex ec IIC T6...T3 Gc<br>II 2 D Ex tb IIIC T85°C...T100°C Db |
| **IECEx Standard** | | Ex eb mb IIC T6...T4 Gb<br>Ex tb IIIC T80°C...T100°C Db<br>Ex ec IIC T6...T3 Gc<br>Ex tb IIIC T85°C...T100°C Db |
| **UL Standard** | | Class I, Division 2, Groups A, B, C, D<br>Class II, Division 1, Groups E, F, G<br>Class II, Division 2, Groups F, G<br>Class III |
| **Retilap Standard** | | Esquema 5 RETILAP |
| **Other Certifications** | | UL1598, UL1598A, UL924, ETL, DLC, ABS, NSF, CB |



## JNHB-ATEX-CSeries
100-280W approx (13,500-37,800Lm approx)

IP67 | 50K HOURS | -40 to +60°C | ATEX



## Additional Information

**Installation Options:** Multiple mounting configurations available

**Optics:** Wide and narrow beam options for uniform illumination

**Housing Material:** Copper-free aluminium with corrosion-resistant frame

**Service Life:** Up to 50,000 hours (L70)

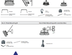
**Vibration Rating:** 5G high vibration resistance

**Operating Temp.:** -40° à 60°C to +50°C (B-Cee: -40°C to +80°C)

**Coating:** Marine-rated powder coating for harsh environments

**Efficacy:** Up to 140 lm/W

### Installation Methods and Accessories



### Optimised for Demanding Industrial and Marine Environments

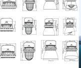
This rugged luminaire is engineered with a marine-rated powder coating, ensuring exceptional resistance to corrosion and harsh environmental exposure. Its versatile design allows it to function as a spotlight, downlight, tunnel light, floodlight, or wall pack, making it suitable for a wide range of hazardous applications. These include ocean vessel operations, petroleum production and storage, paint and metal facilities, mining sites, offshore platforms, and food, flour, and distilling production areas. Built to thrive in high-humidity, high-vapor, high-dust, and high-temperature locations, this luminaire delivers dependable performance under extreme conditions. It is rated IP66/IP67 for water and dust ingress, IK08 with a glass cover, and IK10 when equipped with a wire guard. Additional protection features include 1000-hour salt spray resistance and 5G vibration tolerance. For critical environments, an emergency back-up battery option is also available.

## Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage | Beam angle (°) | LED driver Voltage (V) | Housing material/ Diffuser Material | Compliance | Color Temp. (CRI) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JNHB-ATEX-CSeries1 | 13,500 (100W)/ 20,200lm (150W) | 100/ 150W | 120-277/ 150-250VAC/ 12-48VDC | 40/ 60/ 90/ 120° | 5 years | Copper Free Aluminium/ Tempered Glass | Esquema 5 RETILAP, ETL/UL16 98/UL1598A /UL844 /IECEx/AT Ex/ABS/CB/ CSA | 2200K-7000K (CRI>70) | -40°C to +60°C (IeCex: -40°C to +80°C) |
| JNHB-ATEX-CSeries2 | 2,700 (20W)/ 5,400 (40W)/ 8,100 (60W)/ 10,800lm (80W) | 20/ 40/ 60/ 80W | | | | | | | |
| JNHB-ATEX-CSeries3 | 27,000 (200W)/ 33,800 (250W)/ 37,800lm (280W) | 200/ 250/ 280W | | | | | | | |

## Dimensions

Unit: mm[inch]



Flat Glass Convex Glass Globe Glass Globe PC

## JNHB-ATEX-CSeries
## 100-280W approx (13,500-37,800Lm approx)

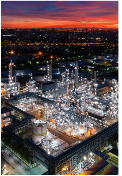
| | | |
|---|---|---|
| **ATEX Standard** | Ex | II 2 G Ex eb mb IIC T6...T4 Gb<br>II 2 D Ex tb IIIC T80°C...T100°C Db<br>II 3 G Ex ec IIC T6...T3 Gc<br>II 2 D Ex tb IIIC T80°c...T100°c Db |
| **IECEx Standard** | IECEx | Ex eb mb IIC T6...T4 Gb<br>Ex tb IIIC T80°C...T100°C Db<br>Ex ec IIC T6...T3 Gc<br>Ex tb IIIC T80°C...T100°CDb |
| **UL Standard** | UL | Class I, Division 2, Groups A, B, C, D<br>Class II, Division 1, Groups E, F, G<br>Class II, Division 2, Groups F, G<br>Class III |
| **Retilap Standard** | RETILAP | Esquema 5 RETILAP |
| **Other Certifications** | | UL1598, UL1598A, UL924, ETL, DLC, ABS, NSF, CB |

| | UL Standard | | | | | |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in | | x | x | | x | x |

## Packing Information

| Model | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| CSeries 1 | 1 | 470x470x345mm;<br>18.50x18.50x13.58inch | 14 kg/30.86 lbs | 16 kg/35.27 lbs |
| CSeries 2 | 1 | 550x530x360mm;<br>21.65x20.47x14.17inch | 17.4 kg/38.36 lbs | 19 kg/41.89 lbs |
| CSeries 3 | 1 | 555x555x345mm;<br>21.85x21.85x13.58inch | 21 kg/46.30 lbs | 25 kg/55.12 lbs |

---



## JNFL-ATEX-DSeries
**20-200W approx (2,700-27,500Lm approx)**

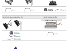
Model D
Model D2

IP67 | 50K hours | -40 to +55°C | ATEX

## Additional Information

**Installation Options:** Multiple mounting configurations available
**Optics:** Wide and narrow beam options for uniform illumination
**Housing Material:** Copper-free aluminium with corrosion-resistant frame
**Service Life:** Up to 50,000 hours (L70)
**Vibration Rating:** 5G high vibration resistance
**Operating Temp.:** -40°C to +55°C (-40°F to +131°F)
**Coating:** Marine-rated powder coating for harsh environments
**Efficacy:** Up to 140 lm/W
**Dimming:** 0-10V dimming compatible

### Installation Methods and Accessories



2200K
4000K
7000K

### Reliable Performance in Demanding Industrial Environments

Designed for maximum adaptability, this versatile luminaire can be configured as a spotlight, downlight, tunnel light, floodlight, or wall pack—making it an ideal solution for general illumination across a wide range of hazardous locations. From ocean vessel operations and petroleum production to refineries, metal foundries, mining sites, and offshore platforms, this fixture meets the intense lighting demands of the most rigorous environments. It is equally well suited for facilities handling flour, fine particles, food, paint, and distilled goods, where safety and visibility are critical.

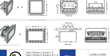
Its robust construction allows it to perform reliably in areas with high humidity, vapor, dust, and extreme temperatures. Certified with protection ratings of IP66 and IP67, the luminaire also features IK08 impact resistance when paired with a glass cover and IK10 when used with a wire guard. Additionally, it withstands 1,000 hours of salt spray testing and meets 5G vibration resistance standards, ensuring long-term durability in corrosive and high-stress conditions. For added safety, the unit is available with an emergency backup battery to maintain essential illumination during power interruptions.

## Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage | Beam angle (°) | LED driver Voltage (V) | Housing material/ Diffuser Material | Compliance | Color Temp. (CRI) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JNFL-ATEX-DSeries1 | 2,700 (20W)/ 5,400 (40W)/ 8,100 (60W)/ 10,800lm (80W) | 20/ 40/ 60/ 80W | 100-277VAC; 200-480VAC; 12-48VDC | 40/ 60/ 90/ 120° | 5 years | Copper Free Aluminium/ Tempered Glass | Esquema 5 RETILAP, ETL/ UL1588/ UL1588A/ UL844/ IECEx/ATEX/ ABS/CB/CSA | 2200K-7000K (CRI>70) | -40°C to +55°C |
| JNFL-ATEX-#1-DSeries2 | 13,500 (100W)/ 20,500 (150W)/ 27,500lm (200W) | 100/ 150/ 200W | | | | | | | |

### Dimensions

Unit: mm[inch]



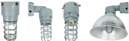
| | | | | | |
|---|---|---|---|---|---|
| UL Standard | | Class I, Division 1, Groups C, D<br>Class I, Division 2, Groups A, B, C, D<br>Class II, Division 1, Groups E, F, G<br>Class II, Division 2, Groups F, G<br>Class III | Other Certifications | | UL1598, UL1598A, UL924, ETL, DLC, ABS, CSA, CB |
| Retilap Standard | | Esquema 5 RETILAP | | | |

| | UL Standard | | | | | |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in | | x | x | | x | x |

## Packing Information

| Model No. | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| DSeries1 | 1 | 502x376x350mm; 19.76x14.80x13.78inch | 17.9 kg/39.46 lbs | 19.5 kg/42.99 lbs |
| DSeries2 | 1 | 400x385x335mm; 15.75x15.16x13.19inch | 7 kg/15.43 lbs | 9.5 kg/20.94 lbs |

## JN-T-ATEX-OSeries
### 10-40W approx (1,200-4,800Lm approx)



IK08 | 50K seconds | -40 to +60°C | ATEX

## Additional Information

**Installation Options:** Multiple installation options

**Cable Entry:** Fits M25, M20, NPT 1/2", or 3/4" cable glands

**Protection:** Metal guard prevents damage

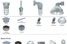
**Impact:** IK08 rated

**Housing:** Copper free aluminium, corrosion resistant and cool-running

**Sealing:** Waterproof and dust-proof, no maintenance needed

**Glass:** Heat-resistant tempered glass

### Installation Methods, Accessories and Spare Parts



**Spare Parts**

### Compact Versatility for Hazardous and High-Stress Settings

Designed for both flexibility and performance, this compact luminaire functions seamlessly as a tunnel light, spotlight, downlight, floodlight, or wall pack—making it an excellent choice for general illumination in hazardous locations. It is ideal for a range of demanding environments, including ocean vessels, offshore platforms, and petroleum loading or transportation sites. Additional suitable applications include refineries, storage and retail fuel facilities, paint plants, metal foundries, mining operations, flour and fine particle processing, and food or distilling production.

Engineered for resilience, this luminaire also performs reliably in locations with high humidity, vapor, dust, and extreme temperatures. With a robust IP66 rating for ingress protection and IK08 certification for impact resistance, it delivers long-lasting durability in the harshest industrial conditions.

## Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage | Beam angle (°) | LED driver Voltage (Y) | Housing material/ Diffuser Material | Compliance | Color Temp. (CRI) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JN-T-ATEX-OSeries | **OSeries 1:** 1,200 (10W)<br>**OSeries2:** 2,400 (20W)<br>**OSeries3:** 3,600 (30W)<br>**OSeries4:** 4,800 (40W) | 10/ 20/ 30/ 40W | 100-277VAC; 50/60Hz | 120° | 5 years | Copper Free Aluminum/ Tempered Glass | Esquema 5 RETILAP/ ETL/ UL1598/ UL1598A/ UL 844/ IECEx/ ATEX/ ABS/ CB/ CSA | 2200K-7000K (CRI>70) | **Normal:**<br>T6/T80°C: -40°C to +25°C;<br>T5/T95°C: -40°C to +40°C<br>T4/T130°C: -40°C to +60°C<br>**Emergency:**<br>T4/T100°C: -10°C to +60°C |

**Dimensions**

**With globe guard:**

**With Flat guard:** Thickness of diffuser: 4.0mm

| | UL Standard | | | | | |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in | | x | x | | x | x |

| | | | | |
|---|---|---|---|---|
| **ATEX Standard** | II 2 G Ex eb mb IIC T6/T5/T4 Gb<br>II 2 D Ex tb IIIC T80°C/T95°C/T130°C Db | **UL Standard** | | Class I, Division 2, Groups A, B, C, D<br>Class II, Division 1, Groups E, F, G<br>Class II, Division 2, Groups F, G<br>Class III |
| **IECEx Standard** | Ex eb mb IIC T6/T5/T4 Gb<br>Ex tb IIIC T80°C/T95°C/T130°C Db | **Retilap Standard** | | Esquema 5 RETILAP |

## Packing Information

| Model | Image | Quantity/ Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|---|
| OSeries 1 | | 1 | 370x270x240mm; 14.56x10.63x9.45inch | 2.71 kg/5.95 lbs | 3.20 kg/7.06 lbs |
| OSeries 2 | | 1 | 420x340x240mm; 16.54x13.39x9.45inch | 3.7 kg/8.16 lbs | 4.20kg/9.26 lbs |
| OSeries 3 | | 1 | 420x340x240mm; 10.43x4.96x10.04inch | 2.0 kg/4.41 lbs | 2.5 kg/5.51 lbs |

## JN-C-ATEX-CanopySeries
## 40-150W approx (5,600-21,000Lm approx)

WARM WHITE
NATURAL WHITE
COOL WHITE
2200K
4000K
7000K

IP67
50K HOURS
-40 to +60°C
ATEX

## Additional Information

### Sleek Design, Powerful Performance

With a slim and compact profile, this luminaire is purpose-built for demanding industrial settings, including chemical plants, metal foundries, and the food and alcohol production industries. Despite its minimal footprint, it delivers exceptional performance—boasting a high luminous efficacy of up to 140 lm/W for energy-efficient, high-output illumination where it's needed most.

### Installation Methods, Accessories and Spare Parts

No. 1 : Stanchion Mounting

No. 2 : Pendant Mounting

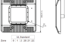
| No. | Parts | Parts Photo | Mounting Type | Qty |
|---|---|---|---|---|
| 1 | Pole<br>Ex-Straight Pipe | | E1 | 1 |
| 2 | Pendant Chain<br>Ex-Straight Chain | | E2 | 1 |

## Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage | Beam angle (°) | LED driver Voltage (V) | Housing material/ Diffuser Material | Compliance | Color Temp. (CRI) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JN-C-ATEX-CanopySeries | 5,600 (40W)/<br>8,400 (60W)/<br>11,200 (80W)/<br>21,000lm (120W) | 40/<br>60/<br>80/<br>100/<br>120/<br>150W | 100-277VAC; 50/60Hz | 120° | 5 years | Copper Free Aluminium/ Tempered Glass | Esquema 5 RETILAP, UL844/ IECEx/ ATEX | 2200K-7000K (CRI>70) | **Normal:**<br>T6/T80°C: -40°C to +25°C;<br>T5/T95°C: -40°C to +40°C<br>T4/T130°C: -40°C to +50°C<br>**Emergency:**<br>T4/T130°C: -10°C to +40°C |

### Dimensions

Unit: mm or inch



|  | UL Standard |  |  |  |  |  |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in |  | x | x |  | x | x |

|  |  |  |
|---|---|---|
| ATEX Standard | Ex | II2 G Ex eb op is IIC T6/T6 Gc<br>II2 D Ex op is tb IIIC T80°C Db |
| IECEx Standard | IECEx | Ex ec op is IIC T6/T5/T4/T3 Gc<br>Ex op is tb IIIC T80°C/T95°C/T130°C/T195°C Db |
| UL Standard | UL | Class I, Division 2, Groups A, B, C, D<br>Class II, Division 1, Groups E, F, G<br>Class II, Division 2 Groups F, G<br>Class III |
| Retilap Standard | RETILAP | Esquema 5 RETILAP |

## Packing Information

| Model | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| Canopy Series | 1 | 470x470x120mm;<br>185x18.5x4.72inch | 4 kg/8.82 lbs | 9 kg/ 19.84 lbs |

## JN-ATEX-LinearESeries
20-40W approx (2,600-15,600Lm approx)

IP67 | 50K HOURS | -40 to +60°C | ATEX

WARM WHITE NATURAL WHITE COOL WHITE
3000K 4000K 6500K

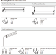
## Additional Information

This chamber is an increased safety "e" chamber, and an increased safety "e" terminal is used.

The cover is opened by thread, which is more convenient than fastening with screws, takes less time, and does not need additional technical support.

1. The explosion-proof type type of wiring chamber can be "Ex e" explosion-proof type. See Figure.
2. The opening mode of the wiring chamber cover is threaded connection, which is convenient for incoming wire and wiring.
3. The structure can save additional incoming junction box for users.
4. Method of construction: Housing in one piece with high mechanical and chemical resistance. Long-lasting imperviousness by screw fitting

Mounting Methods and Accessories



### Certified Performance for Hazardous Workspaces

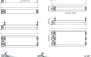
Available in three lengths, this rugged and compact luminaire offers flexible installation as a tunnel light, flood light, or wall pack. It delivers reliable general illumination across a range of hazardous environments, including shipyards, paper mills, petrochemical facilities, loading docks, and wastewater treatment plants.

With a luminous efficacy of up to 133 lm/W, it ensures energy-efficient performance without compromising brightness. Certified to ATEX and IECEx standards, it is engineered for safe operation in Zone 1, 2, 21, and 22 areas, making it an ideal solution for explosive gas and dust environments.

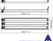
## Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage | CCT | Warranty | Housing material / Diffuser Material | Emergency function | Color Temp. (CRI) and Beam angle (°) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JN-ATEX-LinearESeries1 | 2,600 (20W)/ 5,200 (2x20W)/ 7,800 (3x20W) | 0.6 meters max 20W, 2x20W, 3x20W | AC100-277V, 50/60Hz, DC12-48V | 3,000K - 6,500K | 5 years | ADC12 Aluminum/ SUS304/ PC Glass /PC | Optional (3 hours duration) | CRI>70/ 120° | 0.6 meters -40°C to +65°C |
| JN-ATEX-LinearESeries2 | 3,900 (30W)/ 7,800 (2x20W)/ 11,700 (3x20W) | 1.2 meters max 30W, 2x30W, 3x30W | | | | | | | 1.2 meters -40°C to +55°C |
| JN-ATEX-LinearESeries3 | 5,200 (20W)/ 10,400 (2x20W)/ 15,600 (3x20W) | 1.5 meters max 40W, 2x40W, 3x40W | | | | | | | 1.5 meters -40°C to +60°C |

### Dimensions



One piece
Two pieces
Three pieces



## JN-ATEX-LinearESeries
20-40W approx (2,600-15,600Lm approx)

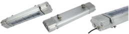
| | | |
|---|---|---|
| **ATEX Standard** | | II 2GD Ex db eb mb IIC T6/T5 Gb<br>II 2GD Ex tb IIIC T80°C/T95°C Db<br>II 3GD Ex db ec IIC T6/T5/T4 Gc<br>II 3GD Ex tc IIIC T80°C/T95°C/ T105°C Dc |
| **IECEx Standard** | | Ex eb db mb IIC T6/T5 Gb<br>Ex tb IIIC T80°C/T95°C Db<br>Ex db ec IIC T6/T5/T4 Gc<br>Ex tc IIIC T80°C/T95°C/T105°C Dc |
| **Retilap Standard** | | Esquema 5 RETILAP |
| **Other Standard** | | EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-18, EN 60079-31<br>IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-18, IEC 60079-31 |

| | UL Standard | | | | | |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in | | x | x | | x | x |

## Packing Information

| Model | | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|---|
| JN-ATEX-LinearESeries1 | 1 Piece;<br>0.6 meters | 1 | 878x225x410mm;<br>34.5x8.8x16.1inch | 8.5 kg/18.7 lbs | 9.8 kg/21.6 lbs |
| | 2 Pieces;<br>0.6 meters | 1 | 987x467x430mm;<br>38.1x18.4x16.9inch | 18.5 kg/40.8 lbs | 20 kg/44.1 lbs |
| | 3 Pieces;<br>0.6 meters | 1 | 987x617x430mm;<br>38.1x24.3x16.9inch | 21.3 kg/47 lbs | 22.5 kg/49.6 lbs |
| JN-ATEX-LinearESeries2 | 1 Piece;<br>1.2 meters | 1 | 1478x225x410mm;<br>58.2x8.8x16.1inch | 9.5 kg/20.9 lbs | 10.3 kg/22.7 lbs |
| | 2 Pieces;<br>1.2 meters | 1 | 1567x467x430mm;<br>61.7x18.4x16.9inch | 20 kg/44.1 lbs | 21.3 kg/47 lbs |
| | 2 Pieces;<br>1.2 meters | 1 | 1567x617x430mm;<br>61.7x24.3x16.9inch | 29 kg/63.9 lbs | 30.5 kg/67.2 lbs |
| JN-ATEX-LinearESeries3 | 1 Piece;<br>1.5 meters | 1 | 1938x225x410mm;<br>75.5x8.8x16.1inch | 34.5 kg/76.0 lbs | 36.3 kg/80 lbs |
| | 2 Pieces;<br>1.5 meters | 1 | 2028x467x430mm;<br>79.8x18.4x16.9inch | 40.1 kg/88.4 lbs | 41.6 kg/91.7 lbs |
| | 3 Pieces;<br>1.5 meters | 1 | 2028x617x430mm;<br>79.8x24.3x16.9inch | 55 kg/121.25 lbs | 56.3 kg/124.1 lbs |

## JN-ATEX-LinearASeries
## 20-80W approx (2,600-10,400Lm approx)



IP66 | 50K HOURS | -40 to +65°C | ATEX

WARM WHITE
NATURAL WHITE
COOL WHITE
2200K
4000K
6500K

## Additional Information

**Ingress/Impact Protection:** IP66 / IK10

**Luminous Efficacy:** Up to 130 lm/W

**Dimming:** 0-10V dimming available (optional)

**Impact Resistance:** High durability under harsh conditions

**Housing:** Die-cast aluminium body with corrosion-resistant frame

**Emergency Option:** Available with 3-hour emergency backup

**Installation Methods**

No. 1: Bracket Surface Mounting

No. 2: Hook and Rope Mounting

No. 3: Pole Mounting

## Built for Extreme Conditions, Designed for Safe Illumination

Engineered for environments where flammable gases, vapors, liquids, combustible dust, or ignitable fibers may be present, this exceptionally robust luminaire offers reliable performance in even the harshest industrial settings. Its rugged construction and efficient heat dissipation ensure long operational life and consistent high-lumen output, even under extreme stress.

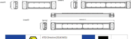
Ideal for general illumination, it is perfectly suited for hazardous locations such as ocean vessels, petroleum production sites, refineries, paint facilities, metal foundries, mining operations, offshore platforms, and facilities handling fine particles like flour or food distilling. Its adaptability extends to high humidity, high dust, high temperature, and vapor-heavy areas.

With professional-grade light distribution, this luminaire provides uniform and comfortable illumination, ensuring both safety and visual clarity in demanding workspaces.

## Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage | Beam angle (°) | Warranty | Housing material/ Diffuser Material | Color Temp. (CRI) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|
| JN-ATEX-LinearASeries1 | 2,600/ 5,200 (LinearA1 of 792mm (31.2'') | 20/ 40W (LinearA1 of 792mm (31.2'') | AC100-277V or DC12-36V (0-10V Optional) | 40°/ 60°/ 90° | 5 years | Copper Free Aluminium/ Tempered Glass | 2200K-6500K (CRI>70) | -40°C to +55°C |
| JN-ATEX-LinearASeries2 | 6,500/ 10,400 (LinearA2 of 1304mm (51.3'') | 50W/ 80W | | | | | | |
| JN-ATEX-LinearA3 | 6,500/ 10,400 (LinearA3 of 1604mm (63.1'') | 50W/ 80W (LinearA3 of 1604mm (63.1'') | | | | | | |

### Dimensions



| | | | | | |
|---|---|---|---|---|---|
| ATEX Standard | Ex | ATEX Directive 2014/34/EU:<br>II 2 G Ex eb mb IIC T6...T4 Gb<br>II 2 D Ex tb IIIC T80°C...T120°C Db IP66<br>II 3 G Ex ec IIC T6...T4 Gc | Retilap Standard | RETILAP | Esquema 5 RETILAP |
| IECex Standard | IECEx | EN 60079-0, EN-60079-7, EN-60079-18, EN-60079-31 | | | |

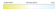
| | UL Standard | | | | | |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in | | x | x | | x | x |

## Packing Information

| Model | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| LinearA1 | 1 | 890x250x160mm; 35.04x9.84x6.30inch | 7.5 kg/16.53 lbs | 9.5 kg/20.94 lbs |
| LinearA2 | 1 | 1400x250x160mm; 55.12x9.84x6.30inch | 15 kg/33.07 lbs | 17 kg/37.48 lbs |
| LinearA3 | 1 | 1700x250x160mm; 66.92x9.84x6.30inch | 17.5 kg/38.5 lbs | 20 kg/44 lbs |

## JN-ATEX-LinearBSeries
## 10-100W approx (1,300-13,000Lm approx)

IP66 | 50K hours | -40 to +65°C | ATEX



## Additional Information

**Certifications:** ATEX and IECEx
**Luminous Efficacy:** Up to 130 lm/W
**Construction:** Rugged and compact design
**Length Options:** Available in three lengths
**Beam Angles:** 40°, 60°, 90°, and 120°
**Housing Material:** Die-cast aluminium with corrosion resistance
**Ingress Protection:** IP66

| | UL Standard | | | | | |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in | | x | x | | x | x |

### Mounting Methods and Accessories

No.1: Surface Mounting

No.2: Hook and Rope Mounting

No.3: Pole Mounting

Bracket

Hook

Pole Clamp

### Reliable Illumination for Explosive Environments

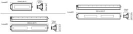
Available in three length options, this exceptionally robust luminaire is built for demanding hazardous environments where flammable gases, vapors, liquids, combustible dust, or ignitable fibres may be present. Its durable construction and efficient heat dissipation ensure long service life and high-lumen output, even in the harshest conditions.

Versatile in application, it provides dependable general illumination across a wide range of hazardous areas—including ocean vessels, petroleum production sites, refineries, paint and metal processing facilities, mining operations, offshore platforms, and locations handling fine particulates such as flour, food, and alcohol production.

## Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage | Beam angle (°) | Warranty | Housing material/ Cover Material | Materials | Color Temp. (CRI) | Ambient Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JN-ATEX-LinearBSeries1 | 1,300 (10W)/ 5,200 (40W) - (LinearB1 of 670mm (26.4")) | 10/ 40W | AC 100-277V/DC 12-48V | 40/ 60/ 90/ 120° | 5 years | Die-casting aluminium and A6063/ Transparent tempered glass | Die-casting Aluminum and A6063, Tempered transparent glass | CRI>70 | -40°C to +65°C |
| JN-ATEX-LinearBSeries2 | 5,200 (40W)/ 10,400 (80W) - (LinearB2 of 1266mm (49.9")) | 40/ 80W | | | | | | | |
| JN-ATEX-LinearBSeries3 | 7,800 (60W)/ 13,000 (100W) - (LinearB3 of 1600mm (63.0")) | 60/ 100W | | | | | | | |

### Dimensions



600mm/ 23.62"

1200mm/ 47.22"

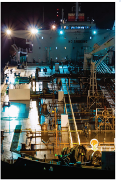
1800mm/ 70.86"

## JN-ATEX-LinearBSeries
## 10-100W approx (1,300-13,000Lm approx)

| | | |
|---|---|---|
| **ATEX Standard** | | II 2 G Ex db eb mb IIC T6/T5 Gb<br>II 2 D Ex tb tp IIIC T80°C/T95°C Db IP66 |
| **IECEx Standard** | | Ex db eb mb IIC T6/T5 Gb<br>Ex tb tp IIIC T80°C/T95°C Db IP66 |
| **Retilap Standard** | | Esquema 5 RETILAP |
| **Ex-60079** | | EN 60079-0 EN-60079-31 EN-60079-1 |

### Packing Information

| Model | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| LinearB1 | 1 | 740x305x265mm;<br>29.13x12x10.43inch | 8 kg/17.64 lbs | 10 kg/22.05 lbs |
| LinearB2 | 1 | 1330x305x265mm;<br>52.36x12x10.43inch | 14 kg/30.86 lbs | 16 kg/35.38 lbs |
| LinearB3 | 1 | 1660x305x265mm;<br>65.35x12x10.43inch | 18 kg/39.6 lbs | 21 kg/46.2 lbs |



## JN-ATEX-LinearCSeries
## 20-120W approx (2,800-16,800Lm approx)

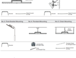
IP67 | 50K hours | -40 to +65°C | ATEX

Warm white
Natural white
Cool white
2200K
4000K
6500K

## Additional Information

**Protection Rating:** IP66 / IP67 / IK08 (Glass Cover) / IK10 (with Wire Guard)
**Dimming:** 0-10V dimming available (optional)
**Coating:** Marine-rated powder coating
**Hardware:** Stainless steel components
**Housing Material:** Copper-free aluminium for excellent corrosion resistance and cooling performance
**Efficacy:** 140 lm/W

### Installation Methods



## Built to Perform in Extreme Conditions

This versatile luminaire is engineered for general illumination in a wide range of hazardous environments. From ocean vessels, petroleum production, and storage facilities to paint shops, metal foundries, mining sites, offshore platforms, and food or chemical processing plants, it delivers reliable lighting where it's needed most. Designed to perform in areas with high humidity, dust, temperature, and vapor exposure, the fixture offers exceptional durability and impact resistance.

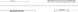
Built with a corrosion-resistant die-cast aluminium body and frame, it features tempered glass for high heat resistance and a waterproof, dust-proof design that eliminates the need for internal cleaning or maintenance. A professional light distribution system ensures uniform and comfortable illumination. For added safety, an optional emergency model provides up to 3 hours of backup lighting in critical situations.

## Technical Data

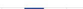
| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage (V) | Beam angle (°) | Warranty | Housing material/ Diffuser Material | Compliance | Color Temp. (CRI) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JN-ATEX-LinearCSeries1 | 2,800 (20W)/ 5,600 (40W)/ 8,400lm (LinearC1 of 590mm (23.3")) | 20/ 40W (LinearC1 of 590mm (23.3")) | AC100-277V; 200-480VAC; 12-36VDC | 120° | 5 years | Copper Free Aluminium/ Tempered Glass | Esquema 5 RETILAP, CB (Ref. Certif. No.: DE 2-038462-M1) UL1598, UL1598A, UL924, ETL, ABS, DLC | 2200K-6500K (CRI>70) | -40°C to +65°C |
| JN-ATEX-LinearCSeries2 | 5,600 (40W)/ 8,400 (60W)/ 11,200 (80W)/ 14,000 (100W)/ 16,800lm (120W) (LinearC2 of 1184mm (46.1")) | 40W/ 60W/ 80W/ 100W/ 120W (LinearC2 of 1184mm (46.1")) | | | | | | | |

### Dimensions

**C1 Single lens**



**C2 Dual lens**



| | | | | | |
|---|---|---|---|---|---|
| ATEX Standard | Ex | II 2 G Ex db IIB T4 Gb<br>II 2 D Ex tb IIIC T63.5°C Db IP65 | Retilap Standard | RETILAP | Esquema 5 RETILAP |
| IECEx Standard | IECEx | Ex db IIB T4 Gb<br>Ex tb IIIC T63.5°C Db IP65 | Other Certifications | CB (Ref. Certif. No.: DE 2-038462-M1)<br>UL1598, UL1598A, UL924, ETL, ABS, DLC,<br>1000 Hours Salt Spray/<br>5G Vibration | |
| UL Standard | UL | Class I, Division 1, Groups C, D<br>Class I, Division 2, Groups A, B, C, D<br>Class II, Division 1, Groups E, F, G<br>Class II, Division 2, Groups F, G<br>Class III | | | |

| | UL Standard | | | | | |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| Per use in | | x | x | | x | x |

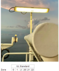
## Packing Information

| Model | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| C1 Single Lens | 1 | 770x340x265mm; 30.3x13.39x10.43inch | 12 kg/26.46 lbs | 14 kg/30.86 lbs |
| C2 Single Lens | 1 | 1360x340x265mm; 53.54x13.39x10.43inch | 18.5 kg/40.79 lbs | 21.5 kg/47.4 lbs |

## JN-ATEX-LinearDSeries
## 30-60W approx (4,050-8,100Lm approx)

IP66 50K HOURS -40 to +65°C ATEX

WARM WHITE
NATURAL WHITE
COOL WHITE
2200K
4000K
6500K



### Additional Information

**Cable Entry:**
- Standard: 4 x NPT 3/4 (1 open, 3 with stopping plugs)
- With Emergency: 3 x NPT 3/4 (1 open, 2 with stopping plugs), includes self-testing button

**Interconnection Limit:** Maximum total wattage is 150W
**Material:** SS304 Stainless Steel
**Protection Rating:** IP66 / IK10 / 3G Vibration / 1000 Hours Salt Spray

### Built for Durability and Flexible Integration

Designed with longevity and versatility in mind, this luminaire features a UV-stabilized, impact-resistant fiberglass-reinforced polycarbonate lens for enhanced durability in demanding environments. It is available in both two- and four-foot lengths to accommodate various installation needs. The fixture supports dead end, through feed*, or single-ended "T" wiring, providing flexibility in electrical configuration. Maintenance is simplified with a replaceable LED light strip, and for added safety during power outages, an optional self-contained emergency battery backup is available, offering a minimum of 90 minutes of runtime and equipped with a push-to-test button and LED charging indicators.

| | UL Standard | | | | | |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in | | x | x | | x | x |

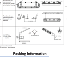
| | | | | | |
|---|---|---|---|---|---|
| **ATEX Standard** | | II 2 G Ex db eb mb IIC T6/T5 Gb<br>II 2 D Ex tb IIIC T80°C/T95°C Db | **Retilap Standard** | | Esquema 5 RETILAP |
| **IECex Standard** | | Ex db eb mb IIC T6/T5 Gb<br>Ex tb IIIC T80°C/T95°C Db | **Other Certifications** | CB (Certif. No.: DE 2-028898), UL924, ABS, DLC | |
| **UL Standard** | | Class I, Division 2, Groups A, B, C, D<br>Class II, Division 2, Groups F, G<br>CLass III | | | |

---

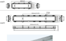
### Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage (V) | Beam angle (°) | Warranty | Housing material/ Diffuser Material | Compliance | Color Temp. (CRI) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JN-ATEX-LinearDSeries1 | 4,050 (30W)/ 5,400 lm (40W) (LinearD1 of 590mm (23.3") | 30/ 40W (LinearD 1 of 590mm (23.3") | AC120-277V | 120° | 5 years | Copper Free Aluminium/ Tempered Glass | Esquema 5 RETILAP, ETL/ UL1598/ UL1598A/ UL844/ IECEx/ ATEX/ ABS/ CB/ CSA | 2200K-6500K (CRI>80) | -40°C to +45°C/ 60°C (normal) -20°C to +45°C/ 60°C (Emergency) |
| JN-ATEX-LinearDSeries2 | 6,750 (50W)/ 8,100 (60W) (LinearD2 of 1184mm (46.1") | 50/60(LinearD2 of 1184mm (46.1") | | | | | | | |

### Installation Methods



### Dimensions



### Packing Information

| Model | | Quantity/ Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|---|
| LinearDSeries1 | Without Emergency | 1 | 820x260x190mm; 32.28x10.24x7.48inch | 5.27 kg/11.6 lbs | 16.5kg/14.33 lbs |
| | With Emergency | 1 | 820x260x190mm; 32.28x10.24x7.48inch | 6.5 kg/14.33 lbs | 7.43 kg/16.38 lbs |
| LinearDSeries2 | Without Emergency | 1 | 1420x260x190mm; 55.91x10.24x7.48inch | 8.92 kg/19.67 lbs | 10.5 kg/23.15 lbs |
| | With Emergency | 1 | 1420x260x190mm; 55.91x10.24x7.48inch | 10.2 kg/22.49 lbs | 11.54 kg/25.44 lbs |

## JNFL-ATEX-FSeries
20-200W approx (2,600-26,000Lm approx)

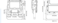
20-100W (bracket with indentation)

150-200W

WARM WHITE
NATURAL WHITE
COOL WHITE
2300K
4000K
7000K

**Dimensions 20-100W (bracket with indentation):**

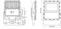
Flame proof and increased safety type 20-100W



**Cable entry 20-100W:** Side entry M25 or 3/4 NPT

**Dimensions 150-200W:**

Flame proof and increased safety type 150-200W



**Cable entry 150-200W:** Side entry M25 or 3/4 NPT.
**Bottom entry:** M25 or 3/4 NPT.

## Additional Information

### Optimized Protection for Explosive and Harsh Environments

This flameproof and increased-safety luminaire is engineered for use in the most demanding hazardous locations. Crafted from high-quality, copper-free aluminium, the housing provides exceptional durability while resisting corrosion in marine and industrial environments. Its heavy-duty construction and high impact resistance ensure reliability even in tough conditions, supported by stainless steel hardware and a marine-rated powder coating. Rated IP66 and IK10, it offers superior protection against dust, water ingress, and mechanical stress. For added versatility, dimming options such as 0-10V control are available, allowing for precise lighting adjustments based on operational needs.

---

## Technical Data

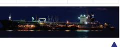
| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage (V) | Beam angle (°) | Warranty | Housing material/ Diffuser Material | CCT and Power Factor | Color Temp. (CRI) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JNFL-ATEX-FSeries1 | 2,600/ 13,000lm | 20/ 100W | AC120-277V, 50/60Hz, DC36V | 40°/ 60°/ 90°/ 120° | 5 years | Copper Free Aluminium / Tempered Glass | 2200K-7000K, >0.9 | CRI>70 | -40°C to +40°C (T6), -40°C to +55°C (T5), -40°C to +60°C (T4) |
| JNFL-ATEX-FSeries2 | 19,500/ 26,000lm | 150/ 200W | | | | | | | |
| JNFL-ATEX-FSeries3 | | | | | | | | | |

| | | |
|---|---|---|
| ATEX Standard | | Flame-proof type:<br>Gas: II 2 G Ex db IIB T6...T4 Gb<br>Dust: II 2 D Ex tb IIIC T80°C...120°C Db IP66<br>Flame-proof and increased safe type:<br>Gas: II 2 G Ex db eb IIB T6...T4 Gb<br>Dust: II 2 D Ex tb IIIC T80°C...120°C Db IP66 |
| Retilap Standard | | Esquema 5 RETILAP |

| | UL Standard | | | | | |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in | | x | x | | x | x |

## Packing Information

| Model | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| FSeries1 | 1 | | 6.5 kg/14.74 lbs | 10 kg/22.05 lbs |
| FSeries 2 | 1 | | 12.5 kg/27.56 lbs | 14.5 kg/ 31.97 lbs |



## JNFL-ATEX-ModelF
## 20-200W approx (2,600-26,000Lm approx)

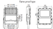
WARM WHITE
NATURAL WHITE
COOL WHITE
2200K
4000K
7000K

### Additional Information

**Design:** Heavy duty and high impact resistant
**Hardware:** Stainless steel
**Coating:** Marine rated powder coating
**Protection Rating:** IP66 / IK10
**CCT Range:** 2,200-7,000K
**Efficiency:** 130lm/W
**Intelligent Control:** 0-10V dimming
**Back-up Supply Time:** 90 mins
**LED Chips:** 3030/5050
**Driver:** MeanwellLtd

**Dimensions:**

Flame proof type



Flame proof and increased safety type

### Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage (V) | Beam angle (°) | Warranty | Housing material/ Diffuser Material | Color Temp. (CRI) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|
|  | 2,600-26,000lm | 20-200W | AC120-277V, 50/60Hz, DC36V | 40/ 60/ 90/ 120° | 5 years | Copper Free Aluminium / Tempered Glass | CRI>70 | -40°C to +40°C (T6), -40°C to +55°C (T5), -40°C to +65°C(T4) |

|  |  |
|---|---|
| ATEX Standard | Flame proof type:<br>Gas: II 2 G Ex db IIB T6...T4 Gb<br>Dust: II 2 D Ex tb IIIC T80°C...120°C Db IP66<br>Flame proof and increased safe type:<br>Gas: II 2 G Ex db eb IIB T6...T4 Gb<br>Dust: II 2 D Ex tb IIIC T80°C...120°C Db IP66 |
| Retilap Standard | Esquema 5 RETILAP |
| Other Standard | EN 60079-0/ EN 60079-1/ EN 60079-31/ EN 60079-7 |

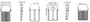
---

## JN-ATEX-StreetlightSeries
## 100-250W approx (14,000-35,000Lm approx)

**Dimensions:**
Unit: mm(inch)

Streetlight Series type 1:
100W/ 150W/ 200W

Streetlight Series type 2:
100W/ 200W/ 250W



### Additional Information

**Luminous Efficacy:** 130-150 lm/W
**Dimming:** 0-10V optional
**Protection Levels:** IP66 / IP67 / IK06 / IK07 (without Wire Guard), IK09 (with Wire Guard), 1000 Hours Salt Spray

WARM WHITE
NATURAL WHITE
COOL WHITE
2700K
4000K
6500K

## Installation methods and accessories

No.1: Pole Mounting

Adapter bracket
Light pole mounting bracket

No.2: Trunnion Mounting

Adapter bracket
Trunnion mounting kit

No.3: Arm Mounting (A)

Adapter bracket
Arm mounting kit A

No.4: Arm Mounting (B)

Adapter bracket
Adjustable arm mounting kit B

No.5: Slip Fitter Mounting

Adapter bracket
Slip fitter mounting kit

No.6: Bracket Mounting

## JN-ATEX-StreetlightSeries
## 100-250W approx (14,000-35,000Lm approx)

| | | | | | |
|---|---|---|---|---|---|
| **ATEX Standard** | | ZONE 1<br>II 2 G Ex eb mb IIC T6...T4 Gb<br>II 2 D Ex tb IIIC T80°C...T120°C Db IP<br>ZONE 2<br>II 3 G Ex ec mc IIC T6...T4 Gc<br>II 3 D Ex tc IIIC T80°C...T120°C | **Retilap Standard** | | Esquema 5 RETILAP |
| **IECex Standard** | | ZONE 1<br>Ex eb mb IIC T6...T4 Gb<br>Ex tb IIIC T80°C...T120°C Db IP<br>ZONE 2<br>Ex ec mc IIC T6...T4 Gc<br>Ex tc IIIC T80°C...T120°C | **Other Standard** | | UL1598, UL1598A, UL924, ETL, ABS |
| **UL Standard** | | Class I, Division 2, Groups A, B, C, D<br>Class II, Division 1, Groups E, F, G<br>Class II, Division 2, Groups F, G<br>Class III | | | |

| | UL Standard | | | | | |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in | | x | x | | x | x |

### Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage (V) | Beam angle (°) | Warranty | Housing material | Compliance | Color Temp. (CRI) | Ambient Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| Streetlight Series1 | 14,000/ 21,000/ 28,000lm | Type1: Max. 100/ 150/ 200W | AC120-277V, 50/60Hz | 40°/ 60°/ 90°/ 120°/ T3/ T5 | 5 years | ADC12 Aluminium / Tempered glass | Esquema 5 RETILAP/ ETL/ UL1598/ UL1598A/ UL844/ IECEx/ ATEX/ ABS/ CB /CSA | CRI>70 | -40°C to +55°C |
| Streetlight Series2 | 14,000/ 28,000/ 35,000lm | Type2: Max. 100/ 200/ 250W | | | | | | | |

### Packing Information

| Model | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| Streetlight Series1 | 1 | 692x388x125mm; 27.24x15.27x4.92inch | 10.5 kg/23.15 lbs | 10.5kg/23.15 lbs |
| Streetlight Series2 | 1 | 820x260x190mm; 32.28x10.24x7.48inch | 7.5 kg/16.53 lbs | 7.5 kg/16.53 lbs |

# JN-ATEX-Exit1Series
3-12W approx (540-1,080Lm approx)

## Versatile and Energy-Efficient Emergency Signage

This energy-efficient emergency sign luminaire is designed for dependable performance in both indoor and outdoor settings. Its low working wattage ensures energy savings without compromising visibility. The fixture supports wall mounting and includes 3/4" NPT or M25 conduit hubs for easy installation. Built with a durable die-cast aluminium housing, it offers a long lifespan of up to 50,000 hours and is rated IP66 for excellent protection against dust and water. The label content is customizable—available in multiple languages and various exit sign formats to meet diverse safety requirements.

### Installation Method

1. Drill 4 holes (Ø6-26mm) as shown above.

2. Install four M6 expanded screws to fix the device.

3. Tighten the four screws.

4. Connect the AC cable, black cable joins to L, white cable joins to N, green cable joins to grounding.

### Dimensions

### Marking Label (Optional)

A
B
C
D
E
F
G
H
I
J
K

## Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage (V) | Warranty | Housing material/ Diffuser Material | Working Temp. (°) |
|---|---|---|---|---|---|---|
| JN-ATEX-Exit1Series | 540-1,080lm | LED spot lights 2x 1W to 6W + 6W to 12W. Exit sign: 3W to 6W | AC 100-277V, By driver and by IC | 5 years | Die-casting aluminium | -20°C to +60°C |

## Packing Information

| Model No. | Quantity/ Carton | Packing Size | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| JN-ATEX-Exit1Series | 1 | 660x510x260mm/25.98x20.08x10.24in | 18.0kg/ 39.68lb | 21.0kg/ 46.30lb |

| | |
|---|---|
| **ATEX Standard** | II 2 G Ex db IIB+H2 T6 Gb<br>II 2 D Ex tb IIIC T80°C Db |
| **IECex Standard** | Ex db IIB+H2 T6 Gb<br>Ex tb IIIC T80°C Db |
| **Retilap Standard** | Esquema 5 RETILAP |

| UL Standard | | | | | | |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in | | x | x | | x | x |

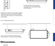
---

# JN-ATEX-Exit2Series
3-15W approx

## Built for Emergency Response & Operational Efficiency

This luminaire is built for safety and reliability, featuring an emergency control power supply that provides up to 3 hours of backup lighting during outages. EMC&EMI functionality ensures stable performance in complex environments. It also includes central locking for security, customizable label content, and a universal T-shaped unlocking tool compatible with all lamps in the series.

### Installation Methods



### Dimensions

## Technical Data

| Model No. | CCT | LED Power (W) | Voltage (V) | Warranty | Housing material/ Diffuser Material | Working Temp. (°) |
|---|---|---|---|---|---|---|
| JN-ATEX-Exit2Series | 2,700-7,000K | 3W-15W | AC 100-277V, 50/60Hz, DC 12-36V | 5 years | Glass fibre reinforced polyester resin/PC | T6/T80°C -20°C to +40°C; T5/T95°C -20°C to +60°C |

## Packing Information

| Model | | Quantity / Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|---|
| Exit2Series | Escape Route Sign Luminaires | 1 | 550x300x180mm; 21.65x11.81x7.48in | 4.32 kg/9.52 lbs | 5 kg/11.02 lbs |
| | Lighting Luminaires or Emergency Lighting Luminaires | 1 | 550x300x180mm; 21.65x11.81x7.48in | 4 kg/8.82 lbs | 4.68 kg/10.32 lbs |

| | |
|---|---|
| **IECex Standard** | Ex db eb mb ib IIC T5/T6 Gb<br>Ex tb IIIC 80°C/95°C Db |
| **Retilap Standard** | Esquema 5 RETILAP |
| **Other Certifications** | ABS certified<br>1000 Hours Salt Spray |

## Additional Information

**Cable Entry Size:** M25x1.5, ¾ NPT
**Stopping Plug:** M25x1.5
**Battery:** 3.7V, 4Ah
**Charging Time:** 24h
**IP/IK Rating:** IP66 / IK10
**Cover Material:** Polycarbonate (PC)
**Housing Material:** Glass Fiber Reinforced Polyester Resin
**Emergency:** 3-hour emergency operation

| UL Standard | | | | | | |
|---|---|---|---|---|---|---|
| Zone | 0 | 1 | 2 | 20 | 21 | 22 |
| For use in | | x | x | | x | x |

## JNHB-ATEX-GSeries
40-200W approx (2,600-26,000Lm approx)

IP66
50K HOURS
-40 to +50°C
ATEX

## Additional Information

### Tough Lighting for Demanding Environments

Built for durability, this compact luminaire features a corrosion-resistant aluminium housing, stainless steel fasteners, and reliable SMT LEDs with a Meanwell driver. With IK08/IK10 impact resistance and IP66 protection, it stands up to harsh conditions. Optional features include a microwave motion sensor, globe glass with wire guard, and a 3-hour emergency lighting function - making it a versatile choice for industrial and hazardous applications.

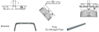
| WARM WHITE | NATURAL WHITE | COOL WHITE |
|---|---|---|
| 2700K | 4000K | 6500K |

## Installation Methods and Accessories

No.1: Bracket Ceiling Mounting

No.2: Bracket Wall Mounting

No.3: Pole Mounting



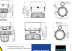
Bracket

Pole
Ex-Straight Pipe

## Technical Data

| Model No. | Luminous Flux (lm) | LED Power (W) | Voltage (V) | Warranty | Housing material/ Diffuser Material | Compliance | Color Temp. (CRI) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|
| JNHB-ATEX-GSeries1 | 2,600 (20W)/ 5,200 (40W)/ 7,800 (60W)/ 10,400 (80W) | GSeries1 : 20/ 40/ 60/ 80W | AC100-277V, AC220-480V | 5 years | Copper Free Aluminium / Tempered Glass | Esquema 5 RETILAP, ETL/ ECEx/ ATEX/ ABS/ CB/ CSA | CRI>70 | -40°C to +50°C |
| JNHB-ATEX-GSeries2 | 13,000 (100W)/ 19,500 (150W)/ 26,000 (200W) | GSeries2 : 100/ 150/ 200W | | | | | | |

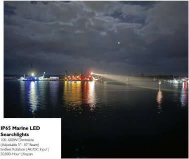
### Dimensions



| | | | | | |
|---|---|---|---|---|---|
| ATEX Standard | | II 2 G Ex eb mb IIC T6...T4 Gb<br>II 2 D Ex tb IIIC T80°C...T100°C Db | Retilap Standard | | Esquema 5 RETILAP |
| IECEx Standard | | Ex eb mb IIC T6...T4 Gb<br>Ex tb IIIC T80°C...T100°C Db | | | 1 |

## Packing Information

| Model | Quantity/Carton | Packing Size (mm/inch) | N.W (kg/lb) | G.W (kg/lb) |
|---|---|---|---|---|
| JNHB-ATEC-GSeries 1 | 1 | 530x520x380mm; 20.87x20.48x14.96inch | 10.5 kg/23.15 lbs | 12.5 kg/27.56 lbs |
| JNHB-ATEC-GSeries 2 | 1 | 400x480x300mm; 25.75x18.9x11.81inch | 12.6 kg/27.78 lbs | 15 kg/ 33.07 lbs |



## IP65 Marine LED Searchlights

100–600W Dimmable
(Adjustable 5°–10° Beam)
Endless Rotation | AC/DC Input |
50,000-Hour Lifespan

## LED Searchlight Series Benefits

Dimmable 100W–600W marine-grade lighting solution built for demanding maritime environments. With adjustable beam angles ranging from a sharp 5° spot beam to a broad 10° flood beam, these lights provide optimal visibility in every situation - from search and rescue missions to harbor operations and open sea navigation.

Equipped with endless rotation on both tilt and pan axes, the searchlights offer unmatched flexibility. Robust die-cast aluminium bodies are coated with AkzoNobel marine-grade powder, ensuring long-term durability. The housing is complemented by 316L stainless steel components, a tempered safety glass lens, and a PC wireless remote control rated IP67 for all-weather operation.

HOSTMOST
SINCE 1989

## Single Lamp and Dual Lamp Marine LED Searchlight Series 180-600W approx (__-50,500lm approx)

Philips Lumileds 3030

50K hours

-40 to +45°C

WARM WHITE
NATURAL WHITE
COOL WHITE
2700K
4000K
6500K

| Model | Input Voltage | System power (W) | Luminous Flux (lm) | Candela Output | Product type | Type of Light | Dimensions | Accessories |
|---|---|---|---|---|---|---|---|---|
| JN-MSL100 | AC or DC | 180W | | | Single lamp | LED | L245*W30*H21mm | Wired control panel and wireless remote |
| JN-MSL200 | | 200W | 17,000 lm | 608,400 | Dual lamp | | L285*W30*H21mm | |
| JN-MSL380 | | 400W | 32,000 lm | 1,200,000 | Dual lamp | | L288*W30*H21mm | |
| JN-MSL600 | | 600W | 50,500 lm | 1,800,000 | Dual lamp | | L288*W30*H21mm | |
| JN-MSL100S | | 100W | 9000 lm | 330,000 | Single lamp | | L248*W30*H21mm | |
| JN-MSL120S | | 120W | 10,500 lm | 375,000 | Single lamp | | L285*W30*H21mm | |
| JN-MSL180S | | 180W | 16,000 lm | 570,000S | Single lamp | | L288*W30*H21mm | |

## Additional Information

**Wattage Range:** 100W to 600W (Dimmable)
**Colour Temperatures:** 4000K / 5000K / 6500K (mono colour selection confirmed on order)
**CRI:** Typical CRI 70; higher CRI available upon request
**Beam Angle:** Adjustable from 5° (spot) to 10° (flood)
**Nominal Lifespan:** Up to 50,000 hours
**Housing Material:** Die-cast Aluminium Lamp Body
**Surface Coating:** AkzoNobel marine powder coating
**Ingress Protection:** IP65
**Mounting Plate Options:** Round or Square
**Warranty:** 3 years

### Versatile Marine-Grade Illumination

Designed for inland river vessels, ocean-going ships, harbour tugs, and power boats, this versatile lighting system supports both AC and DC inputs. Whether you require wired control from the wheelhouse or wireless remote operation from anywhere on deck, the LED Searchlight Series delivers dependable, marine-tested illumination – every time.

IP65 | >0.90 | IK07

---

| Model | Candela Output (cd) | CCT (K) | Product size | Crate size | Qty/ Crate | N.W. | G.W. |
|---|---|---|---|---|---|---|---|
| JN-MSL180 (single lamp) | | | L683*W350*H227mm | L58*W30*H58cm | 1 pc | 38kg | 48kg |
| JN-MSL200 (dual lamp) | 608,400 | 4000-6500 | L793*W227*H489mm | L83*W43*H53cm | 1 pc | 38kg | 48kg |
| JN-MSL380 (dual lamp) | 1,156,000 | 4000-6500 | L967*W227*H508mm | L103*W45.5*H61.2cm | 1 pc | 42kg | 55kg |
| JN-MSL600 (dual lamp) | 1,625,300 | 4000-6500 | L1079*W227*H538mm | L121*W47*H63cm | 1 pc | 47kg | 62kg |

### Installation

Supplied with a standard 2m long 3*1.5mm² cable. Custom cable lengths are available upon request. Mounting requires M10 screws (not included); screw hole size: 6 × Ø11.

**JN-MSL100 with round mounting plate**

(with external LED driver housing, the LED driver is not integrated in the Searchlight)

**JN-MSL100 with square mounting plate**

(with external LED driver housing, the LED driver is not integrated in the Searchlight)

**JN-MSL200 with round mounting plate**

**JN-MSL200 with square mounting plate**

**JN-MSL300 with round mounting plate**

**JN-MSL300 with square mounting plate**

### Additional Information

**TILT Section:** endless rotation
**PAN Section:** endless rotation

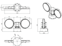
- Both lights can be controlled individually/ separately
- With wired control panel for use inside the wheelhouse and wireless remote control for use around the vessel
- Multiple lights can be controlled in unison from one wired control panel or one remote control

**Glass:** reinforced tempered safety glass

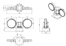
- Standard housing colours that are available are white/ black/ grey. Other colours are available on request
- Choice of 4000K, 5000K and 6500
- Robust marine LED searchlight series
- Die-casting Aluminium Lamp body with AkzoNobel marine powder coating
- Die-casting Aluminium base
- Brushless servo motors
- LED lighting technology
- 316L Stainless Steel brackets
- 316L Stainless Steel Driver box
- 316L Stainless Steel C-frames
- PC wireless and waterproof (IP67) remote control and wired remote control for dash mounting
- AC and DC marine LED searchlights available
- Typical CRI 70. Higher CRI available on request

## Single Lamp and Dual Lamp Marine LED Searchlight Series
## 180-600W approx (__-50,500lm approx)

**JN-MSL600 with round mounting plate**



**JN-MSL600 with square mounting plate**



**Standard Housing Colours**

⬛ **Black**
Marine powder coat:
Graphite Black
RAL9011 - gloss level

▨ **Grey**
Marine powder coat:
White Aluminium -
RAL9006 - gloss level

⬜ **White**
Marine powder coat:
Traffic White
RAL9016 - gloss level

### Additional Information

**Colour temperature:** choice of mono-colour 4000K, 5000K and 6500K (to be confirmed upon order placement)

**TILT Sector:** endless rotation

**PAN Sector:** endless rotation

**Input power:**
*JN-MSL180 (single-lamp model)*: DC LED drivers are placed inside an exterior waterproof casing

*JN-MSL200 (dual-lamp model), JN-MSL400 (dual-lamp model) and JN-MSL600 (dual-lamp model)*: AC LED drivers are integrated in the base of the searchlight.

### Export-Ready Packaging

A sturdy ply-wood crate is used to pack each LED searchlight.
The crate does not require fumigation before cross-border shipping.

| Model | Crate material | Crate size | Qty/ Crate | N.W. | G.W. |
|---|---|---|---|---|---|
| JN-MSL180 | Plywood | L50*W30*H58cm | 1 pc | 23 kg | 28 kg |
| JN-MSL200 | Plywood | L90*W43*H53cm | 1 pc | 38 kg | 48 kg |
| JN-MSL400 | Plywood | L103*W46.5*H61.3cm | 1 pc | 42 kg | 55 kg |
| JN-MSL600 | Plywood | L121*W47*H63cm | 1 pc | 47 kg | 62 kg |

## LED Mobile Towers

Coming soon...

# Street lights

HOSTMOST
SINCE 1989

### IE Streetlights and Solar LED streetlights 70-240W approx. (5,200-28,500lm approx.)

IP66 · 50K · -30 to +50°C · ATEX

- LED streetlights for vertical and horizontal mounting.
- Available with individual mounting brackets for 40, 50 or 60mm mounting.

## LIGHT CONTROLLER

ZHAGA
PHOTOCELL SENSOR
LORA

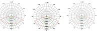
### High-Performance LED Lighting

- Available from 30W-165W
- Massive light output of up to 29,700lm
- Ultra high system efficiency of up to 160-180lm/W
- Lifespan 100,000hrs
- Anti-corrosive painting
- 5 year warranty
- Available with different types of sensor (Zhaga, photocell, LoRa)

IK09 Impact Protection

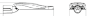
---

## Photometric Diagram



T1M T2S T2M-D

## Dimensions 30/ 40/ 50/ 60/ 70W LED streetlights:



## Technical Data 30/ 40/ 50/ 60/ 75W LED Streetlights

| Model No. | Mounting Bracket Diameter (mm) | Dimensions (length*width*height in mm) | Housing Colour and Material | Surge protection | Dimming Control | Driver lifespan |
|---|---|---|---|---|---|---|
| JNSTR6-030S | ≠40, 50 or 60. To be confirmed upon order confirmation | 503*166.49*101.65 | Grey aluminium with powder coat finished and reinforced glass | 10kV | 1-10V, DALI2, D4i, LoRaWAN | 50,000hrs |
| JNSTR7-040S |  | 503*166.49*101.65 |  | 10kV |  | 50,000hrs |
| JNSTR8-50S |  | 503*166.49*101.65 |  | 10kV |  | 50,000hrs |
| JNSTR9-60S |  | 503*166.49*101.65 |  | 10kV |  | 50,000hrs |
| JNSTR10-75S |  | 503*166.49*101.65 |  | 10kV |  | 50,000hrs |

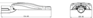
**IE Streetlights and Solar LED streetlights**
**70-240W approx. (5,200-28,500lm approx.)**

### Technical Data 30/ 40/ 50/ 60/ 75W LED Streetlights

| Model No. | Luminous Flux (lm) | LED Power (W) | Power factor | LED Light Source | LED driver Voltage (V) | Beam angle (°) | Color Temp. (CRI) | Lifetime (hrs) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JNSTR6-030S | 5200 | 70 | ≥0.95 | Philips Lumileds 5050 | Inventronics, Philips or Meanwell 100-277VAC | Beam angle: T1M/ T2S/ T2M-D | 2700K, 4000K, 5000K or 6500K (CRI ≥70, CRI 80 or 90 available) | 100,000 hrs | -30°C to +45°C |
| JNSTR7-040S | 6800 | 90 | ≥0.95 | Philips Lumileds 5050 | Inventronics, Philips or Meanwell 100-277VAC | | 2700K, 4000K, 5000K or 6500K (CRI ≥70, CRI 80 or 90 available) | 100,000 h | -30°C to +45°C |
| JNSTR8-50S | 8800 | 120 | ≥0.95 | Philips Lumileds 5050 | Inventronics, Philips or Meanwell 100-277VAC | | 2700K, 4000K, 5000K or 6500K (CRI ≥70, CRI 80 or 90 available) | 100,000 h | -30°C to +45°C |
| JNSTR9-60S | 10400 | 190 | ≥0.95 | Philips Lumileds 5050 | Inventronics, Philips or Meanwell 100-277VAC | | 2700K, 4000K, 5000K or 6500K (CRI ≥70, CRI 80 or 90 available) | 100,000 h | -30°C to +45°C |
| JNSTR10-75S | 13200 | 240 | ≥0.95 | Philips Lumileds 5050 | Inventronics, Philips or Meanwell 100-277VAC | | 2700K, 4000K, 5000K or 6500K (CRI ≥70, CRI 80 or 90 available) | 100,000 h | -30°C to +45°C |

---

## Dimensions 80/ 90/ 100/ 120W LED Streetlights:



### Technical Data 80/ 90/ 100/ 120W LED Streetlights

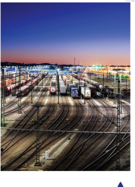
| Model No. | Luminous Flux (lm) | LED Power (W) | Power factor | LED Light Source | LED driver Voltage (V) | Beam angle (°) | Color Temp. (CRI) | Lifetime (hrs) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JNSTR11-080S | 14000 | 75 | ≥0.95 | Philips Lumileds 5050 | Inventronics, Philips or Meanwell 100-277VAC | | 2700K, 4000K, 5000K or 6500K (CRI ≥70, CRI 80 or 90 available) | 100,000h | -30°C to +45°C |
| JNSTR12-090S | 16000 | 85 | ≥0.95 | Philips Lumileds 5050 | Inventronics, Philips or Meanwell 100-277VAC | | 2700K, 4000K, 5000K or 6500K (CRI ≥70, CRI 80 or 90 available) | 100,000h | -30°C to +45°C |
| JNSTR13-100S | 18000 | 100 | ≥0.95 | Philips Lumileds 5050 | Inventronics, Philips or Meanwell 100-277VAC | | 2700K, 4000K, 5000K or 6500K (CRI ≥70, CRI 80 or 90 available) | 100,000h | -30°C to +45°C |
| JNSTR14-120S | 21000 | 110 | ≥0.95 | Philips Lumileds 5050 | Inventronics, Philips or Meanwell 100-277VAC | | 2700K, 4000K, 5000K or 6500K (CRI ≥70, CRI 80 or 90 available) | 100,000h | -30°C to +45°C |

## IE Streetlights and Solar LED streetlights 70-240W approx. (5,200-28,500lm approx.)

### Technical Data 80/ 90/ 100/ 120W LED Streetlights

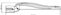
| Model No. | Mounting Bracket Diameter (mm) | Dimensions (length*width*height in mm) | Housing Colour and Material | Surge Protection | Dimming Control | Driver Lifespan |
|---|---|---|---|---|---|---|
| JNSTR6-030S | ø40, 50 or 60. To be confirmed upon order confirmation | 503*166.48*101.65 | Grey aluminium with powder coat finished and reinforced glass | 10kV | 1-10V, DALI2, D4i, LoRaWAN | 50,000hrs |
| JNSTR7-040S | ø40, 50 or 60. To be confirmed upon order confirmation | 503*166.48*101.65 | | | | |
| JNSTR8-50S | ø40, 50 or 60. To be confirmed upon order confirmation | 503*166.48*101.65 | | | | |
| JNSTR9-60S | ø40, 50 or 60. To be confirmed upon order confirmation | 503*166.48*101.65 | | | | |
| JNSTR10-75S | ø40, 50 or 60. To be confirmed upon order confirmation | 503*166.48*101.65 | | | | |

| Model No. | Luminous Flux (lm) | LED Power (W) | Power Factor | LED Light Source | LED Driver Voltage (V) | Beam angle (°) | Color Temp. (CRI) | Lifetime (hrs) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JNSTR11-080S | 14000 | 75 | ≥0.95 | Philips Lumileds 5050 | Inventronics, Philips or Meanwell 100-277VAC | | 2700K, 4000K, 5000K or 6500K (CRI >70, CRI 80 or 90 available) | 100,000hrs | -30°C to +45°C |
| JNSTR12-090S | 16000 | 85 | ≥0.95 | Philips Lumileds 5050 | Inventronics, Philips or Meanwell 100-277VAC | | 2700K, 4000K, 5000K or 6500K (CRI >70, CRI 80 or 90 available) | 100,000h | -30°C to +45°C |



**IE Streetlights and Solar LED streetlights**
**70-240W approx. (5,200-28,500lm approx.)**

## Dimensions 150/ 165W LED Streetlights:



### Technical Data 150/ 165W LED Streetlights

| Model No. | Mounting bracket diameter in mm | Dimensions (length*width*height in mm) | Housing colour and material | Surge protection | Dimming Control | Driver lifespan |
|---|---|---|---|---|---|---|
| JNSTR16-150S | ø40, 50 or 60. To be confirmed upon order confirmation | 604.03*224.73*110.15 | Grey aluminium with powder coat finished and reinforced glass | 10kV | | |
| JNSTR16-160S | ø40, 50 or 60. To be confirmed upon order confirmation | 604.03*224.73*110.15 | | | | 50000hrs |

| Model No. | Luminous Flux (lm) | LED Power (W) | Power factor | LED Light Source | LED driver Voltage (V) | Beam angle (°) | Color Temp. (CRI) | Lifetime (hrs) | Working Temp. (°) |
|---|---|---|---|---|---|---|---|---|---|
| JNSTR16-150S | 26000 | 150 | ≥0.95 | Philips Lumileds 5050 | Inventronicsss, Philips or Meanwell 100-277VAC | | 2700K, 4000K, 5000K or 6500K (CRI>70. CRI 80 or 90 available) | 100,000 hrs | -30°C to +45°C |
| JNSTR16-160S | 28500 | 160 | ≥0.95 | Philips Lumileds 5050 | Inventronicsss, Philips or Meanwell 100-277VAC | | 2700K, 4000K, 5000K or 6500K (CRI>70. CRI 80 or 90 available) | 100,000 h | -30°C to +45°C |

---

## Solar LED Streetlights

| LED SOLAR STREET LIGHT SPECIFICATIONS | | |
|---|---|---|
| Solar panel specifications: | Max. power | 15V/ 70W (High Efficiency |
| | Life time expectation | 15 years |
| Battery specifications: | Type | Lithium Battery (12.8V Ah) |
| | Life time expectation | 8-10 years |
| LED Lamp specifications (with sensor) | Max. power | 12V/ 100W |
| | LED chip brand | 192 pieces Philips Luxeon 3030 LED chip |
| | Lumen (LM) | 160lm/ W |
| | Life time expectation | 50,000 hours |
| | Beam angle | 120° |
| Charging time | Solar charging | 6-8 hours (strong sunshine) |
| Working temperature | Range (°C) | -25°C~+65°C |
| Colour temperature | Range (Kelvin) | 6000K-6500K (customized) |
| Mounting height | Range (m) | 6-7m |
| Suggested spacing between lights | Range (m) | 15-20m |
| Pole installation diameter | 60mm | |
| Cloudy/ Rainy days | 5-7 Cloudy/ Rainy days | |
| Lamp housing main material | Aluminium alloy | |
| Motion sensor | Yes (Microwave Sensor) | |
| With/ without remote control | Yes (1pc remote per lot) | |
| Sensor function | The streetlamp works at full capacity when the sensor senses human presence. Once the persons | |
| Certificate | CE / RohS / IP65 | |

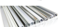
# LED Strip Lights

HOSTMOST
SINCE 1989

## LED STRIP LIGHTS

### COB LEDs

TIFFANY BLUE



**Please contact us for details about our wide range of LED strip, LED drivers and accessories.**

HOSTMOST
SINCE 1989

## head offices & branches

**HOSTMOST ENGINEERING LTD.**
A: 12/F Yan's Tower 27 Wong Chuk Hang Rd, Hong Kong
T: +852 2554 9207
e: hk.sales@hostmostgroup.com

**HOSTMOST PHILIPPINES INC.**
A: Unit 102 S&L Building, 1500 Roxas Blvd Ermita, Manila, 1000
T: +63 2 82623980
e: philippines@hostmostgroup.com

**HOSTMOST (Shanghai) Ltd.**
A: Room A 23/F Qianjiang Tower, No. 971 Dong Fang Rd 200122
T: +86 21 6876 2991
e: shanghai@hostmostgroup.com

**HOSTMOST MARINE VIETNAM CO. LTD**
A: 391 Dao Tri, Phu Thuan, Ho Chi Minh City
T: +84 (0) 28 3773 6862
e: vietnam@hostmostgroup.com

**HOSTMOST ENGINEERING (S) PTE LTD**
A: 100 Pasir Panjang Rd #08-01 118518
T: +65 6250 2687
e: sg.sales@hostmostgroup.com

**HOSTMOST MARINE SERVICES (Canada) Ltd.**
A: 4302 Norfolk Street, Burnaby, B.C. V5G 4J9
T: +1 (604) 293 1730
e: canada@hostmostgroup.com

Global: globalservice@hostmostgroup.com
www.hostmostgroup.com