



INUI-ATEX-IP69K Zone 2 & 22

2 0 2 3



— Quality Defender —

Features

ATEX Marking: Ex II 3G Ex ec IIC T5/T6 Gc

Ex II 3D Ex tc IIIC T85...T100 Dc

ATEX IP69K waterproof, IK10 protection, 94V0 materials

Patent cylinder design, Material: High-strength PC Dual Colour Housing

& End-cap: PA66 + Fibreglass

Linkable, S316 components

SMD2835 LED light source with global patent protection ENEC-certified

flicker free driver, THD<15%

High efficacy, 150 lm/w (±10%)

High CRI: Ra>80, SDCM<4

L80B10 life-space of 50,000 Hours (@ Ta = 25°C)

PC material – UV resistance

PMMA material – Corrosion resistance

Fit for both indoor and outdoor applications

Application: Thermal / Oil Refinery / Power Plant / Chemical / Laboratory



Data Sheet

| | Article Number | Power (W) | Lumen(lm) | Working Current(mA) |
|----|-----------------|-----------|-----------|---------------------|
| PC | ATEX-P69X2-20-X | 20 | 3000 | 500 |
| | ATEX-P69X4-30-X | 30 | 4500 | 700 |
| | ATEX-P69X5-36-X | 36 | 5400 | 900 |

The number after the first "X" represents length of light. "2" = 735mm, "4" = 1035mm, "5" = 1335mm
The second "X" represents CCT, it can be W(3000K/4000K), P(5000K), C(6000K)

| | |
|-----------------------|-------------------------|
| Light Source | SMD2835 |
| CRI | >80 |
| Beam Angle | 120° |
| CCT | 3000K/4000K/5000K/6000K |
| AC Input | 200-240V 50/60Hz |
| DC Output | 30-40V |
| SDCM | <4 |
| Waterproof | IP69K |
| IK Rate | IK10 |
| Power Factor | >0.95 |
| Warranty | 5 Years |
| Operating Temperature | -20~+40°C |

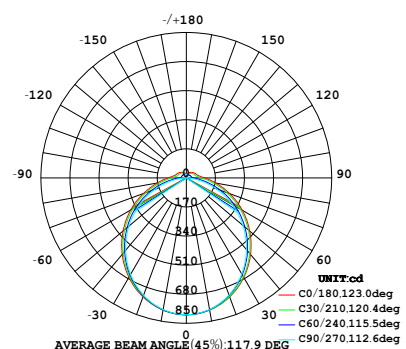
Efficacy Version

| Cover | Standard |
|------------|----------|
| Frosted PC | 150lm/w |

Please note:

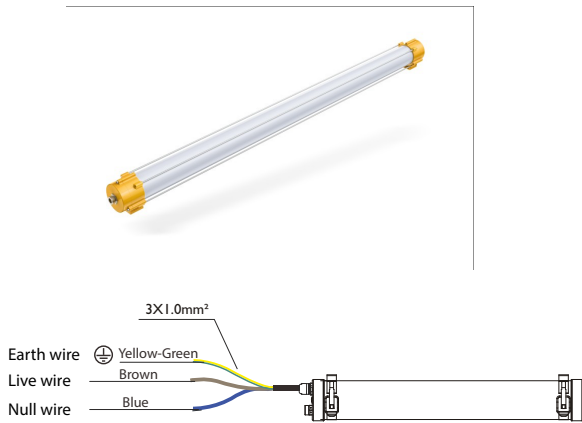
- Above efficacy based on 4000K
- All values are based on an ambient temperature of 25°C
- Efficacy tolerance is ±10% and wattage tolerance is ±10%
- If CRI>90, light efficiency will be reduced by 10-15%

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

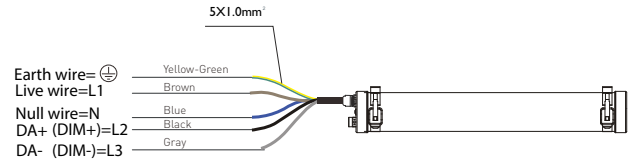


Connection Methods

1 Standard



2 DALI & 0/1-10V Dimmable



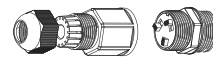
Available Dimming Methods

Suggested Compatible Dimmers for DALI:

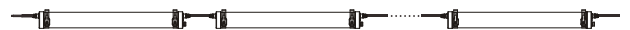
- Tridonic (European market)
- Lutron & Leviton (American market)
- Philips Dynalite & Clipsal (Australian market)

Available Quantity in Series Connection

| Power (W) | Input Voltage (V) | Maximum Quantity Connecting in Series |
|-----------|-------------------|---------------------------------------|
| 20 | 230 | 46pcs |
| 30 | 230 | 30pcs |
| 36 | 230 | 25pcs |



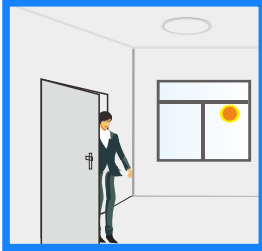
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1. Used for cable :0.75-1.5mm²
 2. Solid cable-end
 3. Wire stripping 10-12mm



Microwave Sensor Series

● 3-step dimming function

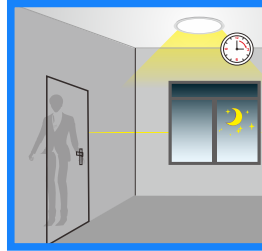
The motion detector can turn on the light based on movement. With this detector built in, light is automatically on when needed and dimmed to preset level before it is totally off.



The light keeps off during daytime even when movement is detected. (Ambient lux level is above preset daylight threshold)



With movement and insufficient ambient lux level, the light is triggered on 100% by the detector.



If there is no more movement, the light dims to stand-by dimming level after hold-time.



The light turns off automatically after stand-by time.

- Remark:**
1. 100% brightness hold time is 90s (5s / 5min / 15min optional)
 2. Stand-by dimming level is 30% (10% optional)
 3. Stand-by time is 0s / 10s / 10min



Max.8M



Hold Time
5s-10min



Mounting Height
6m Max.

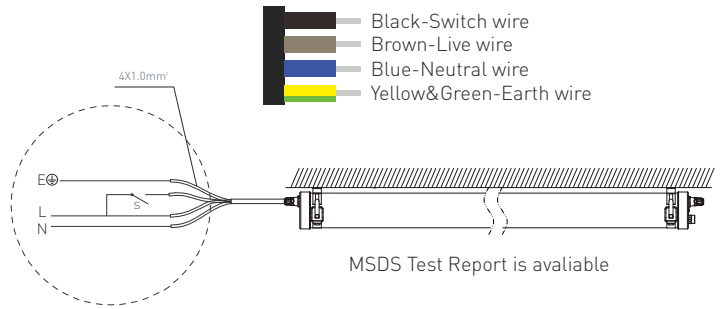


Automatic
Dimming



5 Years
Guarantee

Emergency Series



| Article Number | Emergency Power | Battery Parameters |
|----------------|-----------------|--------------------|
| SL-P69X2-20-XB | 3W | 6.4V 1800mAh |
| SL-P69X4-30-XB | 3W | 6.4V 1800mAh |
| SL-P69X5-36-XB | 3W | 6.4V 1800mAh |

Remark:

- 1 Indicator color (Green – Recharging & Working, Yellow – malfunction)
- 2 Battery can be recharged at least 500 times. In order to maintain the battery well it must be discharged every 3 months.



Dimension

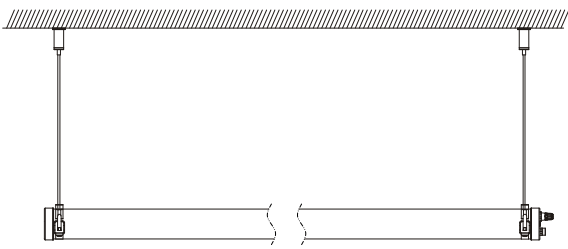


Packaging

| Length | Carton Size (6pcs/ctn) | N.W.(CTN) | G.W.(CTN) | 20'GP | 40'GP | 40'HQ |
|--------|---------------------------|-----------|-----------|---------|---------|---------|
| 735mm | 945*225*210mm | 10.0kg | 12.0kg | 2400pcs | 4960pcs | 5952pcs |
| 1035mm | 1245*225*210mm | 114.0kg | 16.0kg | 1720pcs | 3720pcs | 4464pcs |
| 1335mm | 1545*225*210mm | 17.0kg | 20kg | 1400pcs | 3000pcs | 3600pcs |

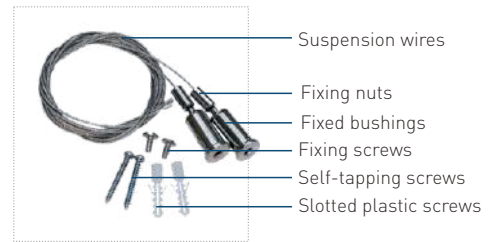
Installation

② Suspending Installation



* Suspended accessories need to be paid additionally.

Standard

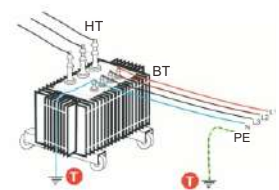


All the operations must be in the condition of power off



The luminaires are intended for indoor use or under shelter for outdoor use.

1. Please note that DO NOT use this product in the following places/application. The place has a large quantity of chemical corrosive substance, such as: chemical plant and stockyard etc.
2. The place has poor temperature conditions, the applicable operating temperature of the lamp is $-20\sim+40^{\circ}$, Sharply temperature variation, which would increase the risk of damage to the lamp.
3. Pls note that lamp must be reliable grounding. Make sure that your application is completely connected to ground firstly. Otherwise, it will do heavy damage to lamp if lamp's earth wire can not be efficiently connected to the ground.



Applications

