

131-9566

PLS420 LED

**we-ef**



**Description**

IP66. Class I. IK08. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. CAD-optimized optics for superior illumination and glare control. Integral driver. Advanced thermal management protects LEDs while optimizing lumens output. 0-10V Dimming comes standard with luminaire. Luminaire is factory-sealed and does not need to be opened during installation.

Luminaire can be mounted for up or down lighting.

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black)  
+ XXX-XXXX (Accessory 1)

|                    |                              |
|--------------------|------------------------------|
| Weight             | 9.30 lb                      |
| Light distribution | [S70] Type II Short          |
| Light source       | LED-6/18W / 1050 mA - 4000 K |
| CRI                | 80                           |
| Power supply       | electronic gear              |
| BUG                | B1 U0 G1                     |
| LEDs               | 6                            |
| Rated input power  | 21 W                         |

**Nominal Lumen (lm)**

|             |      |
|-------------|------|
| LED Lumen   | 450  |
| Total Lumen | 2700 |
| Tj          | 85   |

**Rated lumens (lm)**

|             |        |
|-------------|--------|
| LED Lumen   | 261.6  |
| Total Lumen | 1569.7 |
| Ta          | 25     |

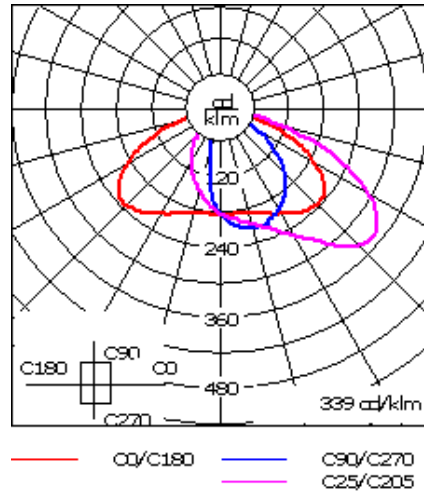
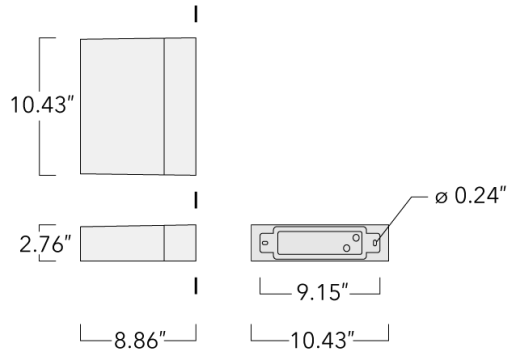
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## Specifications

### Material description

|                      |   |
|----------------------|---|
| Body                 | Marine-grade, die-cast aluminium alloy  |
| Lens                 | Safety glass lens   |
| Colors               | <div style="display: flex; flex-direction: column; gap: 5px;"> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></span> RAL9004 Black</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: grey; margin-right: 5px;"></span> RAL9007 Grey Metallic</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: white; margin-right: 5px;"></span> RAL9016 White</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: darkgrey; margin-right: 5px;"></span> RAL8019 Dark Bronze</div> </div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket   |
| Fasteners            | PCS hardware  |
| Ingress protection   | IP66  |
| Impact resistance    | IK08  |
| Corrosion resistance | 5CE   |

### Electrical description

|                  |   |
|------------------|---|
| Power supply     | Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order. |
| Driver / Ballast | Integral EC electronic converter  |

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**Additional information**

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|            |   |
|------------|---|
| Lifetime   | Ta=25°/40° L90B10 > 90000h  |
| BUG Rating | Please see individual Spec Sheets for classification of Backlight, Uplight and Glare. |
| Listings   | ETL listed. Suitable for wet locations.   |

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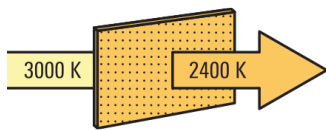
## **Optical Accessories**

### **Colour correction filter**

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| Description      | Part ID  |
|------------------|----------|
| IF-3000K > 2400K | 131-9587 |

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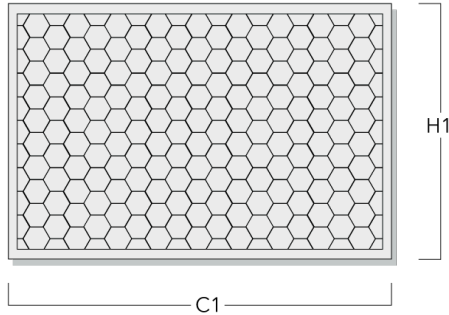
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**Honeycomb louvre**

| Description         | Part ID  | C1   | H1   |
|---------------------|----------|------|------|
| Honeycomb louvre IW | 131-9596 | 8.82 | 2.80 |



**Light shield**

| Description | Part ID  | Additional information  |
|-------------|----------|---|
| LS180-[A60] | 430-0038 | Light shield LS180 to greatly reduce or eliminate light pollution.<br>PA injection moulded component, black matt.<br>Suitable for asymmetric light distribution [A60].                          |
| LS180       | 430-0029 | Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit.<br>Suitable for [S60], [S65], [S70], [R65], [P65] lenses. Must be specified at time of ordering. |

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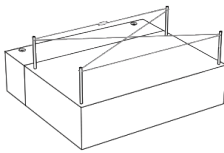
## Mounting Accessories

### Bird deterrent

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| Description       | Part ID  |
|-------------------|----------|
| Bird deterrent BD | 131-9600 |

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### Surface Collar

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| Description                | Part ID  | D1  |
|----------------------------|----------|-----|
| PLS420 Surface Conduit Kit | 131-6903 | 1/2 |

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## **Electrical Accessories**

### **Emergency Lighting Package**

| Description                               | Part ID  | Additional information  |
|---|----------|---|
| _LS420/430 LED Emergency Lighting Package | 131-6900 | Emergency battery backup operating for a minimum 90 minutes when power is lost. |

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**Control**

**Photocell**

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| Description                 | Part ID  |
|-----------------------------|----------|
| PLS420 Button Photocell Kit | 131-6901 |

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