

131-9678

PLS430 LED

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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)

For DarkSky compliant configurations of this product, please find the spec sheet and DarkSky certificate in the library.

| | |
|--------------------|------------------------------|
| Weight | 11.46 lb |
| Light distribution | symmetric, narrow beam [N] |
| Light source | LED-12/24W / 700 mA - 4000 K |
| CRI | 80 |
| Power supply | electronic gear |
| BUG | B2 U0 G0 |
| LEDs | 12 |
| Rated input power | 27 W |

Nominal Lumen (lm)

| | |
|-------------|------|
| LED Lumen | 310 |
| Total Lumen | 3720 |
| Tj | 85 |

Rated lumens (lm)

| | |
|-------------|--------|
| LED Lumen | 234.1 |
| Total Lumen | 2808.8 |
| Ta | 25 |

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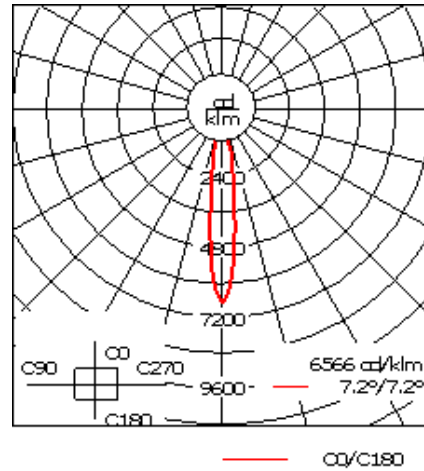
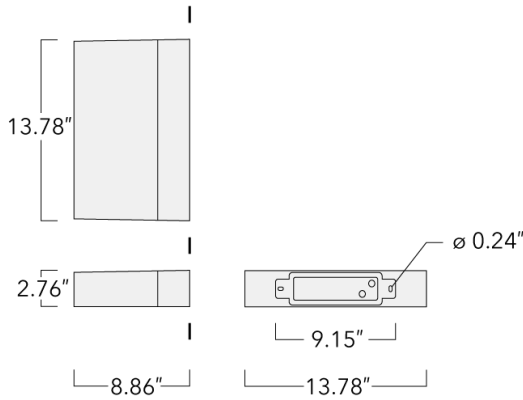
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Specifications

Material description

| | |
|----------------------|--|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | Safety glass lens |
| Colors | <ul style="list-style-type: none"> RAL9004 Black RAL9007 Grey Metallic RAL9016 White RAL8019 Dark Bronze |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS Polymer Coated Stainless Steel 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 | Standard. Optional DALI version available. To be specified at time of ordering. |

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Additional information

| | |
|------------|---|
| 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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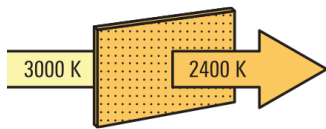
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Optical Accessories

Colour correction filter

| Description | Part ID |
|------------------|----------|
| IF-3000K > 2400K | 131-9685 |



Honeycomb louvre

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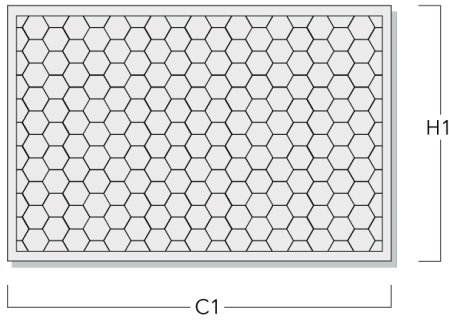
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| Description | Part ID | C1 | H1 |
|---------------------|----------|-------|------|
| Honeycomb louvre IW | 131-9684 | 12.13 | 2.80 |



Light shield

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

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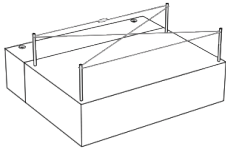
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Mounting Accessories

Bird deterrent

| Description | Part ID |
|-------------------|----------|
| Bird deterrent BD | 131-9688 |



Surface Collar

| Description | Part ID | D1 |
|----------------------------|----------|-----|
| PLS430 Surface Conduit Kit | 131-6904 | 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

| Description | Part ID |
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| PLS430 Button Photocell Kit | 131-6902 |

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