

131-9578

PLS420 LED

**we-ef**



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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)

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Weight	9.30 lb
Light distribution	[A60] Type IV Very 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

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#### Nominal Lumen (lm)

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LED Lumen	450
Total Lumen	2700
Tj	85

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#### Rated lumens (lm)

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LED Lumen	246.6
Total Lumen	1479.6
Ta	25

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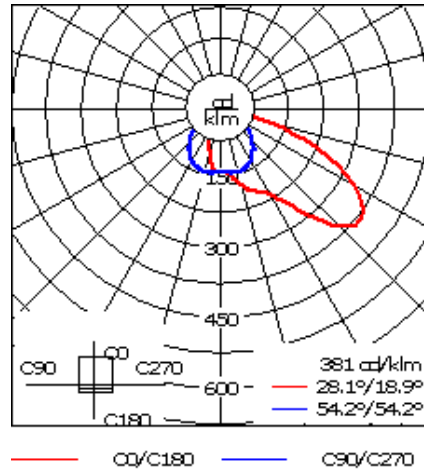
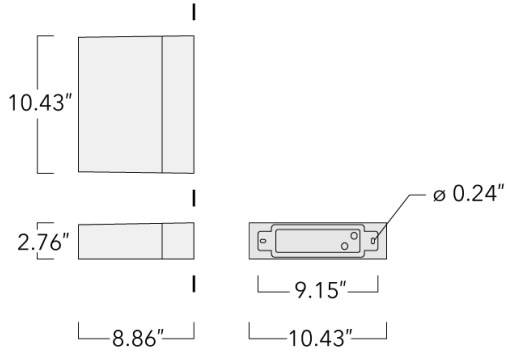
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## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"><span style="width: 20px; height: 10px; background-color: black; margin-right: 5px;"></span> RAL9004 Black</div> <div style="display: flex; align-items: center;"><span style="width: 20px; height: 10px; background-color: grey; margin-right: 5px;"></span> RAL9007 Grey Metallic</div> <div style="display: flex; align-items: center;"><span style="width: 20px; height: 10px; background-color: white; margin-right: 5px;"></span> RAL9016 White</div> <div style="display: flex; align-items: center;"><span style="width: 20px; height: 10px; 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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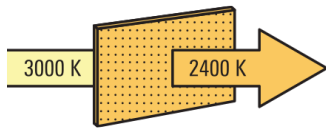
## **Optical Accessories**

### **Colour correction filter**

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

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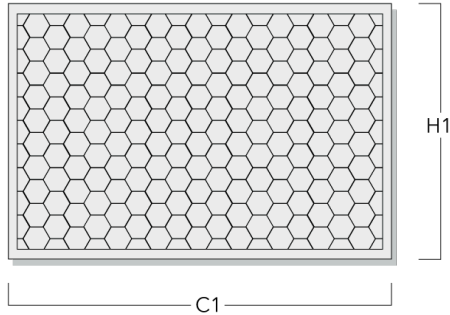
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**Honeycomb louvre**

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. 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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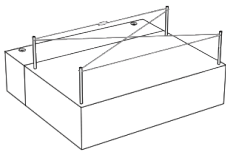
## Mounting Accessories

### 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**

Description	Part ID
PLS420 Button Photocell Kit	131-6901

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