

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.

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Surface Mounted Wall Luminaires**Specifications****Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	 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.

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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PLS430 LED

Surface Mounted Wall Luminaires

Options

Light distribution



symmetric, medium beam [M]



symmetric, narrow beam [N]



[S70] Type II Short



[A60] Type IV Very Short



[R65] Type IV Medium

Color temperature



3000 K



4000 K



2700 K

Nominal Watt

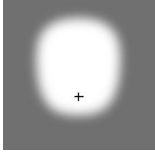
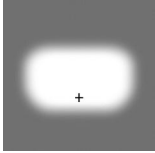
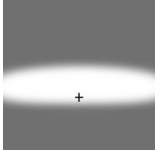
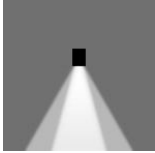
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Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
[A60] Type IV Very Short 	131-9641	LED-12/24W / 700 mA - 2700 K	1880.5	27 W	80	11.46
	131-9642	LED-12/36W / 1050 mA - 2700 K	2696.1	41 W	80	11.46
	131-9643	LED-12/52W / 1400 mA - 2700 K	3419.5	55 W	80	11.46
	131-9665	LED-12/24W / 700 mA - 3000 K	2019.8	27 W	80	11.46
	131-9666	LED-12/24W / 700 mA - 4000 K	2159.1	27 W	80	11.46
	131-9667	LED-12/36W / 1050 mA - 3000 K	2827.6	41 W	80	11.46
	131-9668	LED-12/36W / 1050 mA - 4000 K	2959.2	41 W	80	11.46
	131-9669	LED-12/52W / 1400 mA - 3000 K	3616.7	55 W	80	11.46
	131-9670	LED-12/52W / 1400 mA - 4000 K	3781.1	55 W	80	11.46
	[R65] Type IV Medium 	131-9638	LED-12/24W / 700 mA - 2700 K	1760.2	27 W	80
131-9639		LED-12/36W / 1050 mA - 2700 K	2622	41 W	80	11.46
131-9640		LED-12/52W / 1400 mA - 2700 K	3325.4	55 W	80	11.46
131-9659		LED-12/24W / 700 mA - 3000 K	1890.6	27 W	80	11.46
131-9660		LED-12/24W / 700 mA - 4000 K	2021	27 W	80	11.46
131-9661		LED-12/36W / 1050 mA - 3000 K	2749.9	41 W	80	11.46
131-9662		LED-12/36W / 1050 mA - 4000 K	2877.8	41 W	80	11.46
131-9663		LED-12/52W / 1400 mA - 3000 K	3517.3	55 W	80	11.46
131-9664		LED-12/52W / 1400 mA - 4000 K	3677.2	55 W	80	11.46
[S70] Type II Short 		131-9635	LED-12/24W / 700 mA - 2700 K	1936.3	27 W	80
	131-9636	LED-12/36W / 1050 mA - 2700 K	2860.3	41 W	80	11.46
	131-9637	LED-12/52W / 1400 mA - 2700 K	3627.7	55 W	80	11.46
	131-9652	LED-12/24W / 700 mA - 3000 K	2079.8	27 W	80	11.46
	131-9654	LED-12/24W / 700 mA - 4000 K	2223.2	27 W	80	11.46
	131-9655	LED-12/36W / 1050 mA - 3000 K	2999.9	41 W	80	11.46
	131-9656	LED-12/36W / 1050 mA - 4000 K	3139.4	41 W	80	11.46
	131-9657	LED-12/52W / 1400 mA - 3000 K	3837	55 W	80	11.46
	131-9658	LED-12/52W / 1400 mA - 4000 K	4011.5	55 W	80	11.46
	symmetric, medium beam [M] 	131-9644	LED-12/24W / 700 mA - 2700 K	2601.4	27 W	80
131-9645		LED-12/36W / 1050 mA - 2700 K	3889.7	41 W	80	11.46
131-9646		LED-12/52W / 1400 mA - 2700 K	4933.2	55 W	80	11.46
131-9671		LED-12/24W / 700 mA - 3000 K	2794.1	27 W	80	11.46
131-9672		LED-12/24W / 700 mA - 4000 K	2986.8	27 W	80	11.46

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Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	131-9673	LED-12/36W / 1050 mA - 3000 K	4079.4	41 W	80	11.46
	131-9674	LED-12/36W / 1050 mA - 4000 K	4269.2	41 W	80	11.46
	131-9675	LED-12/52W / 1400 mA - 3000 K	5217.9	55 W	80	11.46
	131-9676	LED-12/52W / 1400 mA - 4000 K	5455	55 W	80	11.46
symmetric, narrow beam [N]	131-9647	LED-12/24W / 700 mA - 2700 K	2446.4	27 W	80	11.46
	131-9648	LED-12/36W / 1050 mA - 2700 K	3944.6	41 W	80	11.46
	131-9649	LED-12/52W / 1400 mA - 2700 K	5003	55 W	80	11.46
	131-9677	LED-12/24W / 700 mA - 3000 K	2627.6	27 W	80	11.46
	131-9678	LED-12/24W / 700 mA - 4000 K	2808.8	27 W	80	11.46
	131-9679	LED-12/36W / 1050 mA - 3000 K	4137.1	41 W	80	11.46
	131-9680	LED-12/36W / 1050 mA - 4000 K	4329.5	41 W	80	11.46
	131-9681	LED-12/52W / 1400 mA - 3000 K	5291.6	55 W	80	11.46
	131-9682	LED-12/52W / 1400 mA - 4000 K	5532.1	55 W	80	11.46

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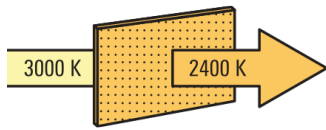
PLS430 LED

Surface Mounted Wall Luminaires

Optical Accessories

Colour correction filter

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



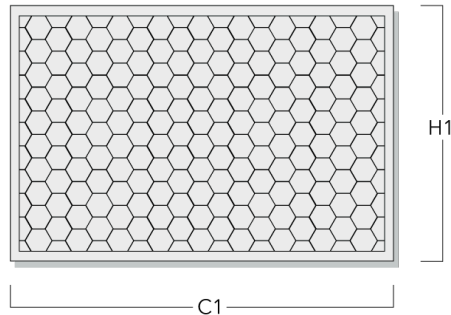
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Surface Mounted Wall Luminaires

Honeycomb louvre

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.

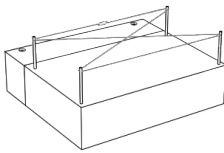
PLS430 LED

Surface Mounted Wall Luminaires

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
PLS430 Button Photocell Kit	131-6902

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