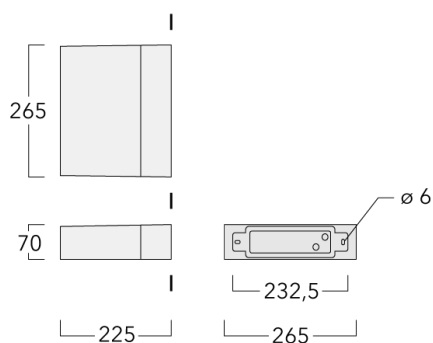


PLS420 LED

Wall luminaires surface mounted








Description

IP66. Class I. Class II on request. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation. Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Luminaire can be mounted for up or down lighting.

Wall luminaires surface mounted**Specifications****Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Standard. Optional DALI version available. To be specified at time of ordering.
Power factor	> 0.9
Surge protection	1/2 kV

Additional information

Lifetime	Ta=25° L90B10 > 90000h
Energy efficiency class	C-D (Light source)

PLS420 LED

Wall luminaires surface mounted

Options

Light distribution



symmetric, medium beam [M]



symmetric, narrow beam [E]



asymmetric, side throw [S70]



asymmetric, forward throw [A60]



rectangular, side throw [R65]

Colour temperature



3000 K



4000 K

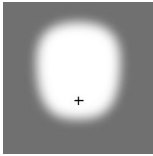
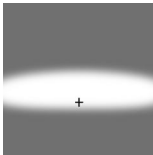
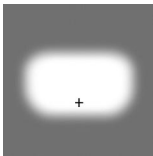



2700 K

Nominal Watt


0 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	131-9575	LED-6/12W / 700 mA - 3000 K	1009.9	14.5 W	80	4.20
	131-9576	LED-6/12W / 700 mA - 4000 K	1079.5	14.5 W	80	4.20
	131-9577	LED-6/18W / 1050 mA - 3000 K	1413.8	21 W	80	4.20
	131-9578	LED-6/18W / 1050 mA - 4000 K	1479.6	21 W	80	4.20
	131-9579	LED-6/26W / 1400 mA - 3000 K	1808.4	29 W	80	4.20
	131-9580	LED-6/26W / 1400 mA - 4000 K	1890.6	29 W	80	4.20
	131-9626	LED-6/12W / 700 mA - 2700 K	940.2	14.5 W	80	4.20
	131-9627	LED-6/18W / 1050 mA - 2700 K	1348.1	21 W	80	4.20
	131-9628	LED-6/26W / 1400 mA - 2700K	1709.7	29 W	80	4.20
asymmetric, side throw [S70] 	131-9562	LED-6/12W / 700 mA - 3000 K	1039.9	14.5 W	80	4.20
	131-9564	LED-6/12W / 700 mA - 4000 K	1111.6	14.5 W	80	4.20
	131-9565	LED-6/18W / 1050 mA - 3000 K	1499.9	21 W	80	4.20
	131-9566	LED-6/18W / 1050 mA - 4000 K	1569.7	21 W	80	4.20
	131-9567	LED-6/26W / 1400 mA - 3000 K	1918.5	29 W	80	4.20
	131-9568	LED-6/26W / 1400 mA - 4000 K	2005.7	29 W	80	4.20
	131-9620	LED-6/12W / 700 mA - 2700 K	968.2	14.5 W	80	4.20
	131-9621	LED-6/18W / 1050 mA - 2700 K	1430.2	21 W	80	4.20
	131-9622	LED-6/26W / 1400 mA - 2700K	1813.9	29 W	80	4.20
rectangular, side throw [R65] 	131-9569	LED-6/12W / 700 mA - 3000 K	945.3	14.5 W	80	4.20
	131-9570	LED-6/12W / 700 mA - 4000 K	1010.5	14.5 W	80	4.20
	131-9571	LED-6/18W / 1050 mA - 3000 K	1374.9	21 W	80	4.20
	131-9572	LED-6/18W / 1050 mA - 4000 K	1438.9	21 W	80	4.20
	131-9573	LED-6/26W / 1400 mA - 3000 K	1758.6	29 W	80	4.20
	131-9574	LED-6/26W / 1400 mA - 4000 K	1838.6	29 W	80	4.20
	131-9623	LED-6/12W / 700 mA - 2700 K	880.1	14.5 W	80	4.20
	131-9624	LED-6/18W / 1050 mA - 2700 K	1311	21 W	80	4.20
	131-9625	LED-6/26W / 1400 mA - 2700K	1662.7	29 W	80	4.20
symmetric, medium beam [M] 	131-9581	LED-6/12W / 700 mA - 3000 K	1397.1	14.5 W	80	4.20
	131-9582	LED-6/12W / 700 mA - 4000 K	1493.4	14.5 W	80	4.20
	131-9583	LED-6/18W / 1050 mA - 3000 K	2039.7	21 W	80	4.20
	131-9584	LED-6/18W / 1050 mA - 4000 K	2134.6	21 W	80	4.20
	131-9585	LED-6/26W / 1400 mA - 3000 K	2608.9	29 W	80	4.20
	131-9586	LED-6/26W / 1400 mA - 4000 K	2727.5	29 W	80	4.20
	131-9629	LED-6/12W / 700 mA - 2700 K	1300.7	14.5 W	80	4.20
	131-9630	LED-6/18W / 1050 mA - 2700 K	1944.8	21 W	80	4.20

PLS420 LED

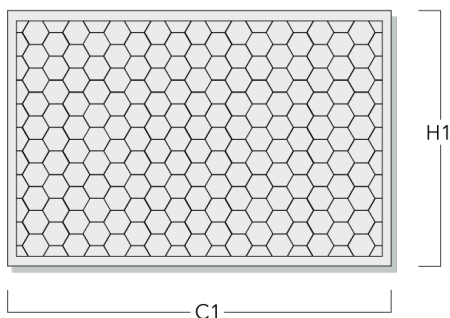
Wall luminaires surface mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric, narrow beam [E] 	131-9631	LED-6/26W / 1400 mA - 2700K	2466.6	29 W	80	4.20
	131-9587	LED-6/12W / 700 mA - 3000 K	1313.8	14.5 W	80	4.20
	131-9588	LED-6/12W / 700 mA - 4000 K	1404.4	14.5 W	80	4.20
	131-9589	LED-6/18W / 1050 mA - 3000 K	2068.5	21 W	80	4.20
	131-9590	LED-6/18W / 1050 mA - 4000 K	2164.7	21 W	80	4.20
	131-9591	LED-6/26W / 1400 mA - 3000 K	2645.8	29 W	80	4.20
	131-9592	LED-6/26W / 1400 mA - 4000 K	2766.1	29 W	80	4.20
	131-9632	LED-6/12W / 700 mA - 2700 K	1223.2	14.5 W	80	4.20
	131-9633	LED-6/18W / 1050 mA - 2700 K	1972.3	21 W	80	4.20
	131-9634	LED-6/26W / 1400 mA - 2700K	2501.5	29 W	80	4.20

Optical Accessories

Honeycomb louvre

Description	Part ID	C1	H1
IW-PLS420	131-9596	224	71



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.

Wall luminaires surface mounted**Control****DALI interface**

Description	Part ID	Additional information	C
DALI interface	430-0013	DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0).	90

Dali 2.0

- Application controllers and Input devices defined
- Single-masters and multi-masters allowed
- Event priorities defined
- Separate addressing & grouping from control gear

Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!