

### 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**

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**Specifications****Material description**

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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 Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE

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**Electrical description**

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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

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**Additional information**

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

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### 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

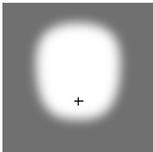
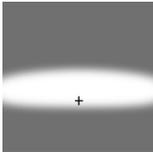
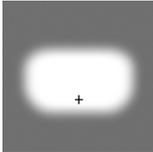


2700 K

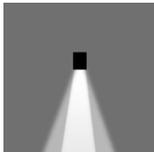
#### Nominal Watt

0 W

### Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	131-9641	LED-12/24W / 700 mA - 2700 K	1880.5	27 W	80	5.20
	131-9642	LED-12/36W / 1050 mA - 2700 K	2696.1	40 W	80	5.20
	131-9643	LED-12/52W / 1400 mA - 2700 K	3419.5	53 W	80	5.20
	131-9665	LED-12/24W / 700 mA - 3000 K	2019.8	27 W	80	5.20
	131-9666	LED-12/24W / 700 mA - 4000 K	2159.1	27 W	80	5.20
	131-9667	LED-12/36W / 1050 mA - 3000 K	2827.6	40 W	80	5.20
	131-9668	LED-12/36W / 1050 mA - 4000 K	2959.2	40 W	80	5.20
	131-9669	LED-12/52W / 1400 mA - 3000 K	3616.7	53 W	80	5.20
	131-9670	LED-12/52W / 1400 mA - 4000 K	3781.1	53 W	80	5.20
asymmetric, side throw [S70] 	131-9635	LED-12/24W / 700 mA - 2700 K	1936.3	27 W	80	5.20
	131-9636	LED-12/36W / 1050 mA - 2700 K	2860.3	40 W	80	5.20
	131-9637	LED-12/52W / 1400 mA - 2700 K	3627.7	53 W	80	5.20
	131-9652	LED-12/24W / 700 mA - 3000 K	2079.8	27 W	80	5.20
	131-9654	LED-12/24W / 700 mA - 4000 K	2223.2	27 W	80	5.20
	131-9655	LED-12/36W / 1050 mA - 3000 K	2999.9	40 W	80	5.20
	131-9656	LED-12/36W / 1050 mA - 4000 K	3139.4	40 W	80	5.20
	131-9657	LED-12/52W / 1400 mA - 3000 K	3837	53 W	80	5.20
	131-9658	LED-12/52W / 1400 mA - 4000 K	4011.5	53 W	80	5.20
rectangular, side throw [R65] 	131-9638	LED-12/24W / 700 mA - 2700 K	1760.2	27 W	80	5.20
	131-9639	LED-12/36W / 1050 mA - 2700 K	2622	40 W	80	5.20
	131-9640	LED-12/52W / 1400 mA - 2700 K	3325.4	53 W	80	5.20
	131-9659	LED-12/24W / 700 mA - 3000 K	1890.6	27 W	80	5.20
	131-9660	LED-12/24W / 700 mA - 4000 K	2021	27 W	80	5.20
	131-9661	LED-12/36W / 1050 mA - 3000 K	2749.9	40 W	80	5.20
	131-9662	LED-12/36W / 1050 mA - 4000 K	2877.8	40 W	80	5.20
	131-9663	LED-12/52W / 1400 mA - 3000 K	3517.3	53 W	80	5.20
	131-9664	LED-12/52W / 1400 mA - 4000 K	3677.2	53 W	80	5.20
symmetric, medium beam [M] 	131-9644	LED-12/24W / 700 mA - 2700 K	2601.4	27 W	80	5.20
	131-9645	LED-12/36W / 1050 mA - 2700 K	3889.7	40 W	80	5.20
	131-9646	LED-12/52W / 1400 mA - 2700 K	4933.2	53 W	80	5.20
	131-9671	LED-12/24W / 700 mA - 3000 K	2794.1	27 W	80	5.20
	131-9672	LED-12/24W / 700 mA - 4000 K	2986.8	27 W	80	5.20
	131-9673	LED-12/36W / 1050 mA - 3000 K	4079.4	40 W	80	5.20
	131-9674	LED-12/36W / 1050 mA - 4000 K	4269.2	40 W	80	5.20

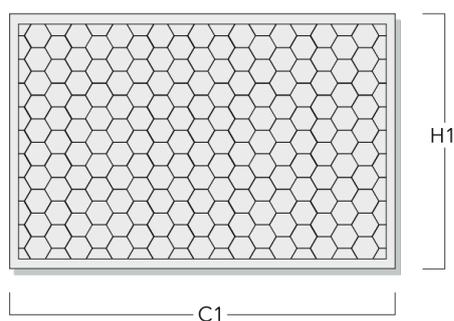
## Wall luminaires surface mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	131-9675	LED-12/52W / 1400 mA - 3000 K	5217.9	53 W	80	5.20
	131-9676	LED-12/52W / 1400 mA - 4000 K	5455	53 W	80	5.20
symmetric, narrow beam [E] 	131-9647	LED-12/24W / 700 mA - 2700 K	2446.4	27 W	80	5.20
	131-9648	LED-12/36W / 1050 mA - 2700 K	3944.6	40 W	80	5.20
	131-9649	LED-12/52W / 1400 mA - 2700 K	5003	53 W	80	5.20
	131-9677	LED-12/24W / 700 mA - 3000 K	2627.6	27 W	80	5.20
	131-9678	LED-12/24W / 700 mA - 4000 K	2808.8	27 W	80	5.20
	131-9679	LED-12/36W / 1050 mA - 3000 K	4137.1	40 W	80	5.20
	131-9680	LED-12/36W / 1050 mA - 4000 K	4329.5	40 W	80	5.20
	131-9681	LED-12/52W / 1400 mA - 3000 K	5291.6	53 W	80	5.20
	131-9682	LED-12/52W / 1400 mA - 4000 K	5532.1	53 W	80	5.20

**Optical Accessories**

**Honeycomb louvre**

Description	Part ID	C1	H1
IW-PLS430	131-9684	308	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**

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**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!