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Description

IP66, Class I or Class II. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. Integral EC electronic converter in thermally separated compartment. DALI. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation.

Optional 2200 K version available. To be specified at time of ordering.
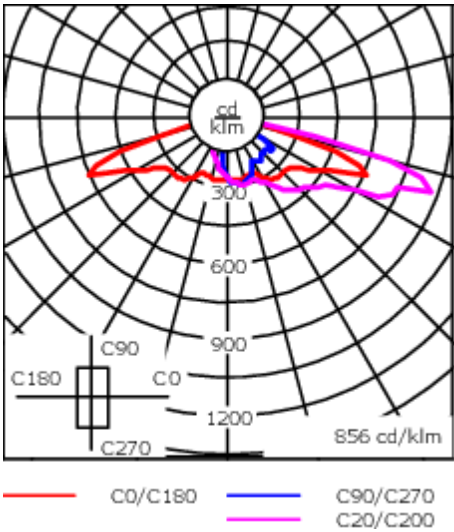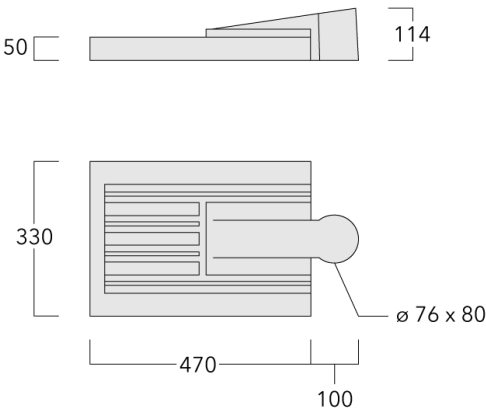
Eco Step Dim® on request.

Spigot Ø 60 x 80 mm optional available. Must be indicated during order placement.

Photometric files (IES, LDT) for light distributions [S60] [S65] [S70] [R65] [P65] [A60] with Backlight Shield on request.

Weight	6.40 kg
Light distribution	asymmetric, side throw [S70]
Light source	LED-12/12W / 350 mA - 4000 K
CRI	80
Power supply	EC
LEDs	12
Rated input power	13.9 W
Nominal Lumen (lm)	
LED Lumen	170
Total Lumen	2040
Tj	85
Rated lumens (lm)	
LED Lumen	157.2
Total Lumen	1886.7
Ta	25

—	C0/C180	—	C90/C270
		—	C20/C200

856 cd/klm

Specifications
Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	RFC® Reflection Free Contour technology
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
Windage	0.163 m²

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter. DALI
Power factor	> 0.9
Surge protection	6/6 kV

Subject to technical changes and errors. - Generated on 24/07/2025

Additional information

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

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Control

Eco Step Dim® Basic

Description	Part ID
Eco Step Dim® Basic LED	430-0001

Eco Step Dim® Advanced

Description	Part ID
Eco Step Dim® Advanced LED	430-0002

Eco Step Dim® Motion

Description	Part ID
Eco Step Dim® Motion - Linked	430-0021

Motion Box

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Description	Part ID
Eco Step Dim® Motion - Connected	430-0022

R2C Ready to Connect

Description	Part ID
R2C Ready to Connect (top)	430-0019
R2C Ready to Connect (below)	430-0027
R2C Ready to Connect (top and below)	430-0032

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Citygrid Motion On Pole
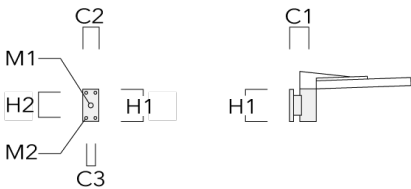
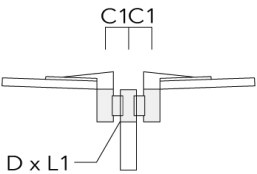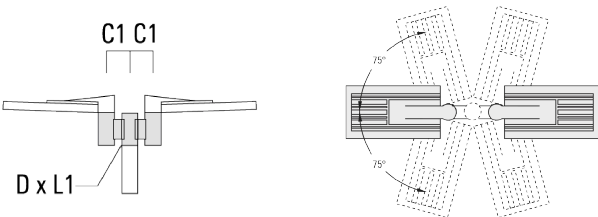| Description	Part ID	Additional information
Citygrid Motion - Smart-City-Package	420-0013	Citygrid Motion On Pole Controller The Citygrid Motin On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system. The Smart-City package: Internet gateway (via mobile phone) and dashboard included; operators can configure, change and service themselves (remotely). Networked Smart-City functions (data collection, remote maintenance, etc.). Applications: larger communal projects or field trials in the context of Smart City; operator has qualified personnel (municipal utilities).

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Mounting Accessories

Wall and pole brackets RV

Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight (kg)	C	D	H
RV0 Wall bracket	108-0979	RV0 Wall bracket	108	100	60			200	160	38	12	2.00	108		

RV2-76 Pole bracket, double	108-0980		147				76 x 100					4.80	147	76	200

Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight (kg)	C	D	H
RV2-60 Pole bracket, double	108-0981	147					60 x 100					4.80	147	60	200

C1 C1

D x L1

| RV5 Pole bracket | 108-0982 | 108 | | | | 76-240 | | | | | | 1.70 | 106 | | 200 |

C1

D1
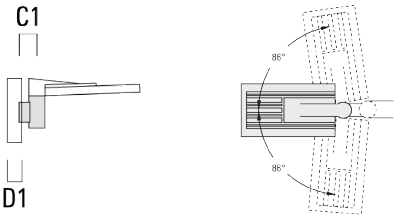
Post top fitter AKV

Description	Part ID	C1	D × L1	D × L2	H1	Weight (kg)
AKV2-76	300-0053	180	76x100	76x80	235	1.50
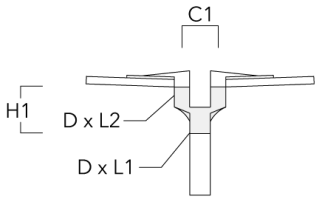
Optical Accessories

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.