

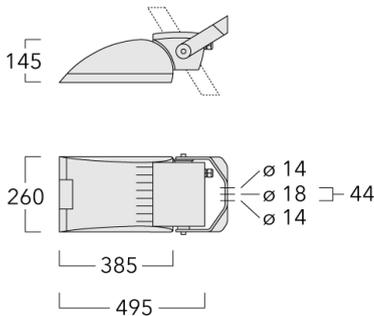
Description

IP66, Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens, hinged. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter, including 6/6 kV surge protection. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Protractor scale incorporating locking pin for accurate and permanent aiming.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.



Pole mounted

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens, hinged
Colours	 RAL9004 Signal black  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
Windage	0.123 m ²

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter, including 6/6 kV surge protection
Power factor	> 0.9

Additional information

Lifetime	Ta=25° L90B10 > 90000h
BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare

Pole mounted

Options

Light distribution



pedestrian/bicycle lane [P65]



asymmetric, side throw [S60]



asymmetric, side throw [S65]



asymmetric, side throw [S70]



asymmetric, forward throw [A60]



rectangular, side throw [R65]

Colour temperature



3000 K



4000 K



2700 K

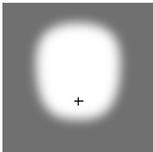
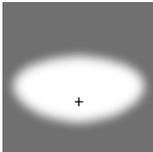
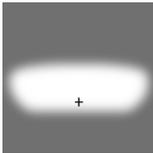
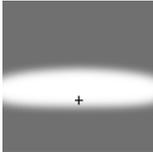
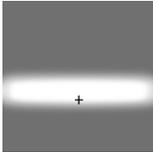
Nominal Watt

36 W

0 W

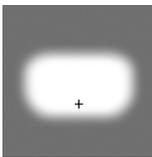
Pole mounted

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	108-7707	LED-18/36W / 700 mA - 3000 K	3899.6	41 W	80	9.20
	108-7708	LED-18/36W / 700 mA - 4000 K	4168.6	41 W	80	9.20
	108-7717	LED-18/54W / 1050 mA - 3000 K	5782.2	59 W	80	9.20
	108-7718	LED-18/54W / 1050 mA - 4000 K	6051.1	59 W	80	9.20
	108-9124	LED-18/36W / 700 mA - 2700 K	3630.7	41 W	80	9.20
	108-9130	LED-18/54W / 1050 mA - 2700 K	5513.2	59 W	80	9.20
asymmetric, side throw [S60] 	108-7699	LED-18/36W / 700 mA - 3000 K	4158.5	41 W	80	9.20
	108-7700	LED-18/36W / 700 mA - 4000 K	4445.3	41 W	80	9.20
	108-7709	LED-18/54W / 1050 mA - 3000 K	6166.1	59 W	80	9.20
	108-7710	LED-18/54W / 1050 mA - 4000 K	6452.9	59 W	80	9.20
	108-9120	LED-18/36W / 700 mA - 2700 K	3871.7	41 W	80	9.20
	108-9126	LED-18/54W / 1050 mA - 2700 K	5879.3	59 W	80	9.20
asymmetric, side throw [S65] 	108-7701	LED-18/36W / 700 mA - 3000 K	4182.9	41 W	80	9.20
	108-7702	LED-18/36W / 700 mA - 4000 K	4471.4	41 W	80	9.20
	108-7711	LED-18/54W / 1050 mA - 3000 K	6202.2	59 W	80	9.20
	108-7712	LED-18/54W / 1050 mA - 4000 K	6490.7	59 W	80	9.20
	108-9121	LED-18/36W / 700 mA - 2700 K	3894.4	41 W	80	9.20
	108-9127	LED-18/54W / 1050 mA - 2700 K	5913.7	59 W	80	9.20
asymmetric, side throw [S70] 	108-7703	LED-18/36W / 700 mA - 3000 K	4053	41 W	80	9.20
	108-7704	LED-18/36W / 700 mA - 4000 K	4332.5	41 W	80	9.20
	108-7713	LED-18/54W / 1050 mA - 3000 K	6009.6	59 W	80	9.20
	108-7714	LED-18/54W / 1050 mA - 4000 K	6289.1	59 W	80	9.20
	108-9122	LED-18/36W / 700 mA - 2700 K	3773.5	41 W	80	9.20
	108-9128	LED-18/54W / 1050 mA - 2700 K	5730.1	59 W	80	9.20
pedestrian/bicycle lane [P65] 	108-7795	LED-18/36W / 700 mA - 3000 K	4049.2	41 W	80	9.20
	108-7796	LED-18/36W / 700 mA - 4000 K	4328.5	41 W	80	9.20
	108-7797	LED-18/54W / 1050 mA - 3000 K	6004.1	59 W	80	9.20
	108-7798	LED-18/54W / 1050 mA - 4000 K	6283.3	59 W	80	9.20
	108-9125	LED-18/36W / 700 mA - 2700 K	3770	41 W	80	9.20
	108-9131	LED-18/54W / 1050 mA - 2700 K	5724.8	59 W	80	9.20
rectangular, side throw [R65] 	108-7705	LED-18/36W / 700 mA - 3000 K	3810.8	41 W	80	9.20
	108-7706	LED-18/36W / 700 mA - 4000 K	4073.6	41 W	80	9.20
	108-7715	LED-18/54W / 1050 mA - 3000 K	5650.5	59 W	80	9.20
	108-7716	LED-18/54W / 1050 mA - 4000 K	5913.3	59 W	80	9.20

FLA440 LED Stirrup version

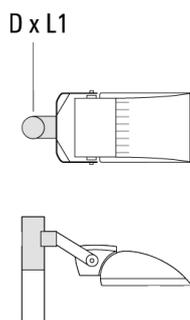
Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-9123	LED-18/36W / 700 mA - 2700 K	3548	41 W	80	9.20
	108-9129	LED-18/54W / 1050 mA - 2700 K	5387.7	59 W	80	9.20

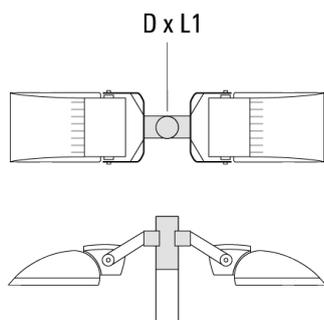
Mounting Accessories

Floodlight mounting bracket TA

Description	Part ID	D × L1	Weight (kg)	D
Mounting Fitter TA1-76, Single	310-9124	76 x 100	2.10	76 x 100



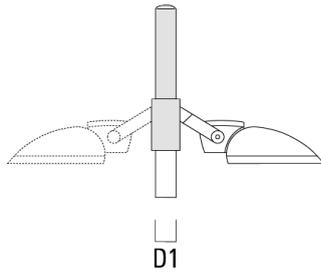
Mounting Fitter TA2-76, double	310-9125	76 x 100	2.20	76 x 100
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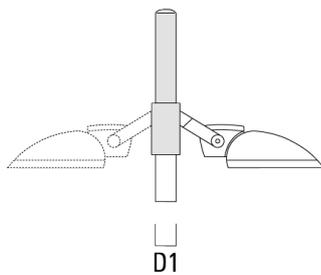
Pole mounted

Floodlight mounting bracket KA

Description	Part ID	D1	Weight (kg)	D
Pole bracket KA1-76, single	310-9126	76 x 100	3.40	76 x 100



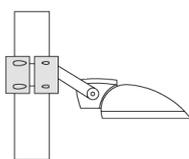
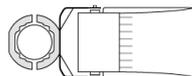
Pole bracket KA2-76, double	310-9127	76 x 100	3.40	76 x 100
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Pole mounted

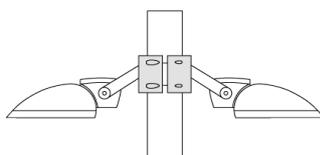
Pole clamp

Description	Part ID	Additional information	D1	Weight (kg)	D
Pole clamp TS1-2/M12, single (Ø 76-89)	147-0543		76-89	1.40	76-89



D1

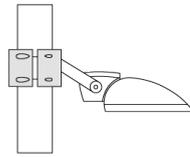
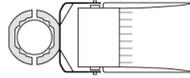
Pole clamp TS2-2/M12, double (Ø 76-89)	147-0545		76-89	1.40	76-89
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D1

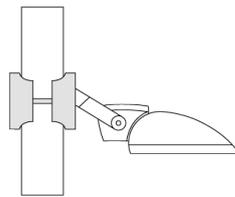
Pole mounted

Description	Part ID	Additional information	D1	Weight (kg)	D
Pole clamp TS1-2/M12, single (Ø 114-140)	147-0643		114-140	1.70	



D1

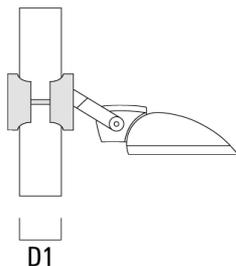
Pole clamp SP1-M16, single (Ø 38-60)	146-0241		38-60	1.30	38-60
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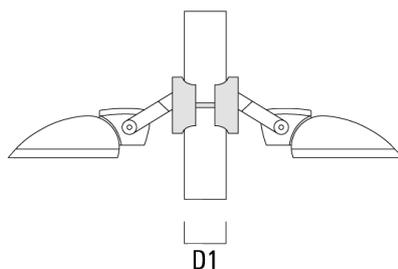
D1

Pole mounted

Description	Part ID	Additional information	D1	Weight (kg)	D
Pole clamp SP1-M16, single (Ø 76-89)	146-0242		76-89	1.30	76-89

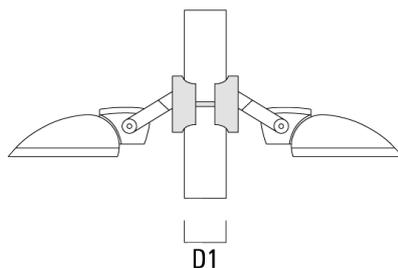


Pole clamp SP2-M16, double (Ø 38-60)	146-0243		38-60	1.60	38-60
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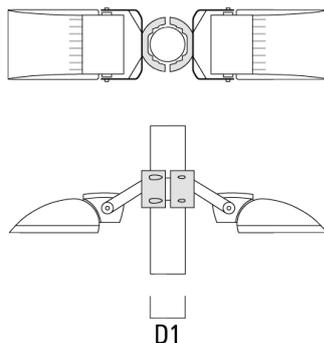


Pole mounted

Description	Part ID	Additional information	D1	Weight (kg)	D
Pole clamp SP2-M16, double (Ø 76-89)	146-0244		76-89	1.50	76-89



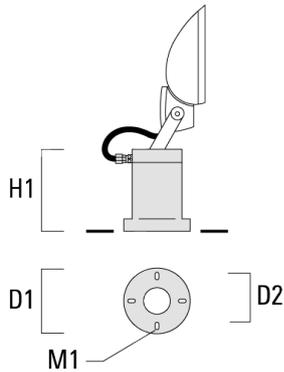
Pole clamp TS2-2/M12, double (Ø 114-140)	147-0674	Pole clamps made from die-cast aluminium with stainless steel hardware. For mounting of one or two floodlights. Max. permissible weight per installed floodlight 22.5 kg.	114-140	1.70	
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Pole mounted

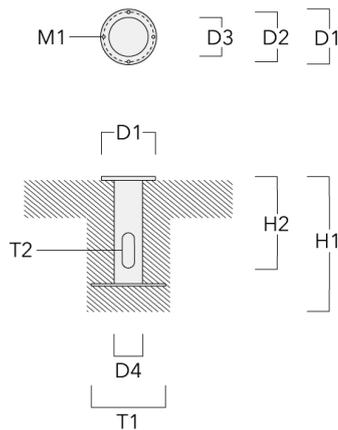
Short post

Description	Part ID	D1	D2	H1	M1	Weight (kg)
Short post EM1-M16	270-9038	160	130	200	9	2.10



Planted root

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	T1	T2	Weight (kg)
Planted root ESV4	300-0461-AP	150	130	60	89	400	350	8	200	50 x 100	3.85



Pole mounted

Junction box

Description	Part ID	D1	D2	M1	Weight (kg)
Junction box JB1	310-9001	135	67	9	1.30

