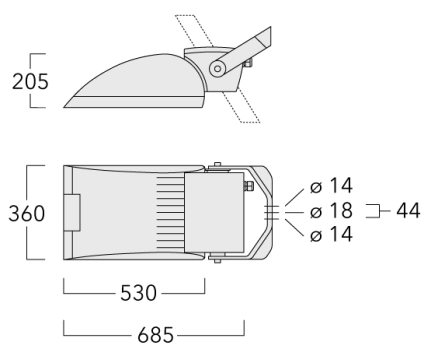




Description

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	0.210 m ²

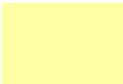
Electrical description

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

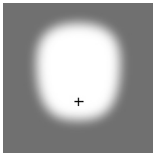
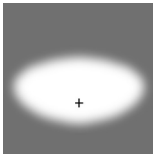
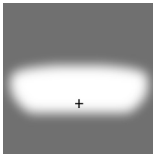
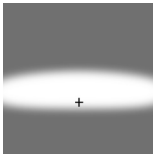
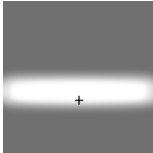
Additional information

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

Options

Light distribution	Colour temperature	Nominal Watt
 pedestrian/bicycle lane [P65]	 3000 K	0 W
 asymmetric, side throw [S60]	 4000 K	
 asymmetric, side throw [S65]	 2700 K	
 asymmetric, side throw [S70]		
 asymmetric, forward throw [A60]		
 rectangular, side throw [R65]		

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	108-7728	LED-36/72W / 700 mA - 3000 K	7799.2	79 W	80	17.00
	108-7729	LED-36/72W / 700 mA - 4000 K	8337.1	79 W	80	17.00
	108-7738	LED-36/108W / 1050 mA - 3000 K	11564.4	115 W	80	17.00
	108-7739	LED-36/108W / 1050 mA - 4000 K	12102.2	115 W	80	17.00
	108-9779	LED-36/72W / 700 mA - 2700 K	7261.3	79 W	80	17.00
	108-9785	LED-36/108W / 1050 mA - 2700 K	11026.5	115 W	80	17.00
asymmetric, side throw [S60] 	108-7720	LED-36/72W / 700 mA - 3000 K	8317.1	79 W	80	17.00
	108-7721	LED-36/72W / 700 mA - 4000 K	8890.7	79 W	80	17.00
	108-7721-70	LED-36/72W / 700 mA - 4000 K	10037.8	79 W	70	18.00
	108-7730	LED-36/108W / 1050 mA - 3000 K	12332.2	115 W	80	17.00
	108-7731	LED-36/108W / 1050 mA - 4000 K	12905.8	115 W	80	17.00
	108-9775	LED-36/72W / 700 mA - 2700 K	7743.5	79 W	80	17.00
	108-9781	LED-36/108W / 1050 mA - 2700 K	11758.6	115 W	80	17.00
asymmetric, side throw [S65] 	108-7722	LED-36/72W / 700 mA - 3000 K	8365.8	79 W	80	17.00
	108-7723	LED-36/72W / 700 mA - 4000 K	8942.7	79 W	80	17.00
	108-7732	LED-36/108W / 1050 mA - 3000 K	12404.4	115 W	80	17.00
	108-7733	LED-36/108W / 1050 mA - 4000 K	12981.4	115 W	80	17.00
	108-9776	LED-36/72W / 700 mA - 2700 K	7788.8	79 W	80	17.00
	108-9782	LED-36/108W / 1050 mA - 2700 K	11827.5	115 W	80	17.00
asymmetric, side throw [S70] 	108-7724	LED-36/72W / 700 mA - 3000 K	8106	79 W	80	17.00
	108-7725	LED-36/72W / 700 mA - 4000 K	8665	79 W	80	17.00
	108-7734	LED-36/108W / 1050 mA - 3000 K	12019.2	115 W	80	17.00
	108-7735	LED-36/108W / 1050 mA - 4000 K	12578.2	115 W	80	17.00
	108-9777	LED-36/72W / 700 mA - 2700 K	7546.9	79 W	80	17.00
	108-9783	LED-36/108W / 1050 mA - 2700 K	11460.2	115 W	80	17.00
pedestrian/bicycle lane [P65] 	108-7800	LED-36/72W / 700 mA - 3000 K	8098.5	79 W	80	17.00
	108-7801	LED-36/72W / 700 mA - 4000 K	8657	79 W	80	17.00
	108-7802	LED-36/108W / 1050 mA - 3000 K	12008.1	115 W	80	17.00
	108-7803	LED-36/108W / 1050 mA - 4000 K	12566.6	115 W	80	17.00
	108-9780	LED-36/72W / 700 mA - 2700 K	7540	79 W	80	17.00
	108-9786	LED-36/108W / 1050 mA - 2700 K	11449.6	115 W	80	17.00
rectangular, side throw [R65]	108-7726	LED-36/72W / 700 mA - 3000 K	7621.6	79 W	80	17.00
	108-7727	LED-36/72W / 700 mA - 4000 K	8147.3	79 W	80	17.00
	108-7736	LED-36/108W / 1050 mA - 3000 K	11301.1	115 W	80	17.00

FLA460 LED Stirrup version



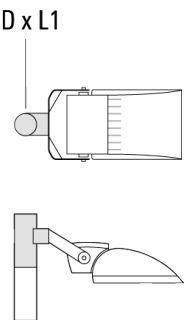
Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-7737	LED-36/108W / 1050 mA - 4000 K	11826.7	115 W	80	17.00
	108-9778	LED-36/72W / 700 mA - 2700 K	7096	79 W	80	17.00
	108-9784	LED-36/108W / 1050 mA - 2700 K	10775.4	115 W	80	17.00

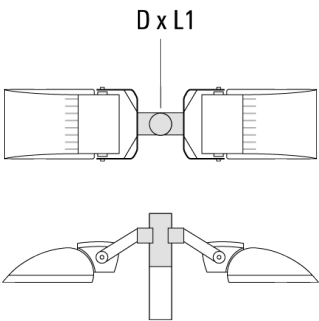
Mounting Accessories

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



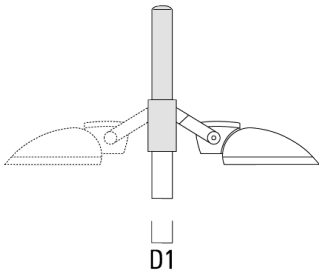
Mounting Fitter TA2-76, double	310-9125	76 x 100	2.20	76 x 100
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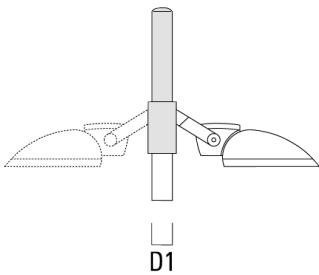
Pole mounted

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



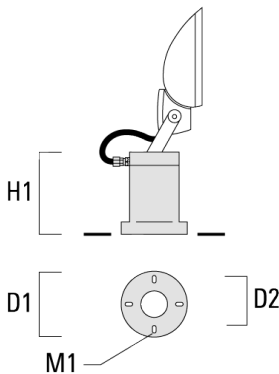
Pole bracket KA2-76, double	310-9127	76 x 100	3.40	76 x 100
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Pole mounted

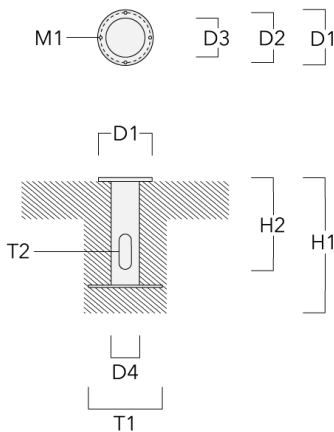
Short post

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



Planted root

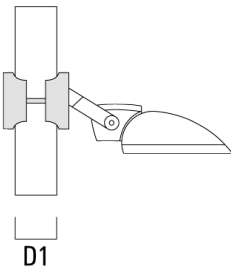
Description	Part ID	D1	D2	D3	D4	H1	H2	M1	T1	T2	Weight (kg)
Planted root ESV4	300-0461-AP	150	130	60	89	400	350	8	200	50 x 100	3.85



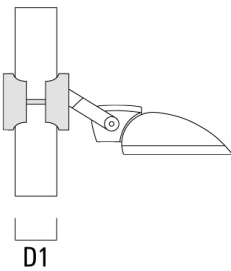
Pole mounted

Pole clamp

Description	Part ID	Additional information	D1	Weight (kg)	D
Pole clamp SP1-M16, single (Ø 38-60)	146-0241		38-60	1.30	38-60

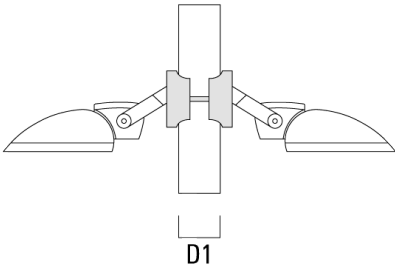


Pole clamp SP1-M16, single (Ø 76-89)	146-0242		76-89	1.30	76-89
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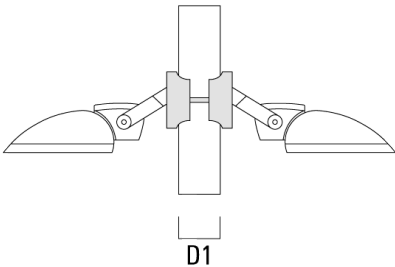


Pole mounted

Description	Part ID	Additional information	D1	Weight (kg)	D
Pole clamp SP2-M16, double (Ø 38-60)	146-0243		38-60	1.60	38-60

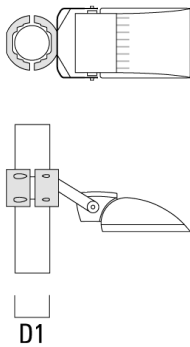


Pole clamp SP2-M16, double (Ø 76-89)	146-0244		76-89	1.50	76-89
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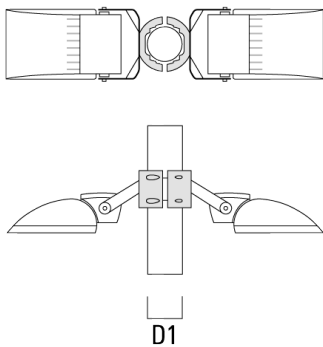


Pole mounted

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

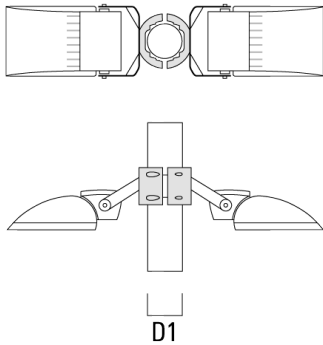


Pole clamp TS2-2/M12, double (Ø 76-89)	147-0545		76-89	1.40	76-89
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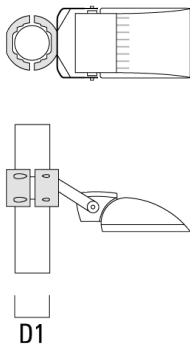


Pole mounted

Description	Part ID	Additional information	D1	Weight (kg)	D
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	



Pole clamp TS1-2/M12, single (Ø 114-140)	147-0643		114-140	1.70	
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Pole mounted

Junction box

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

