

FLA440 LED Stirrup version



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.

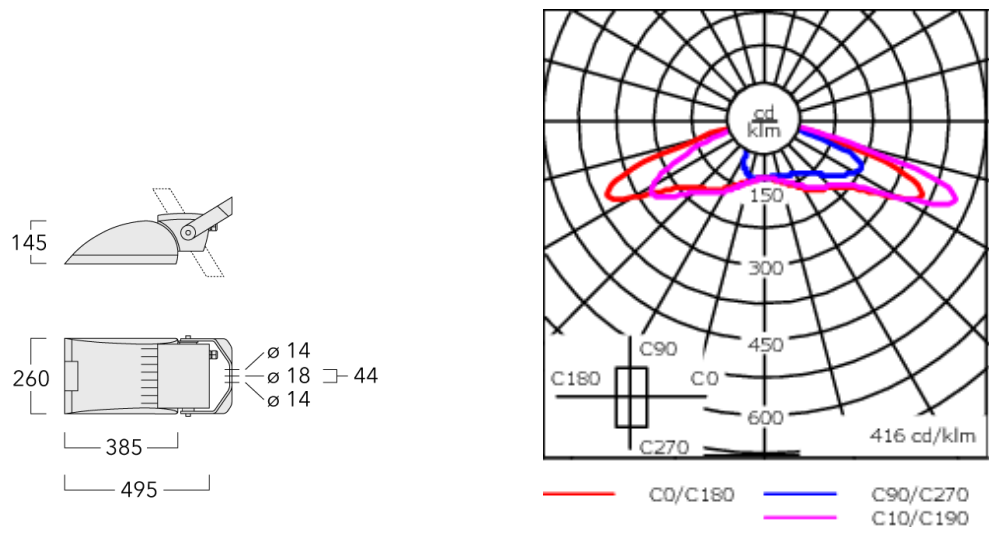
Protractor scale incorporating locking pin for accurate and permanent aiming.

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

Weight	9.20 kg
Light distribution	rectangular, side throw [R65]
Light source	LED-18/36W / 700 mA - 4000 K
CRI	80
Power supply	EC
BUG	B1 U0 G1
LEDs	18
Rated input power	41 W

Nominal Lumen (lm)	
LED Lumen	310
Total Lumen	5580
Tj	85

Rated lumens (lm)	
LED Lumen	226.3
Total Lumen	4073.6
Ta	25



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

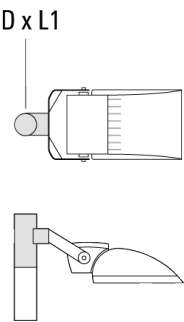
Additional information

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

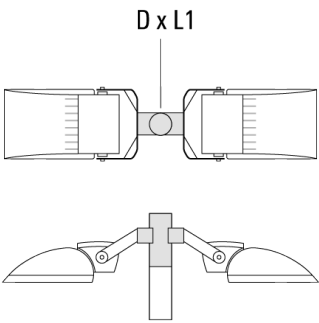
Mounting Accessories

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



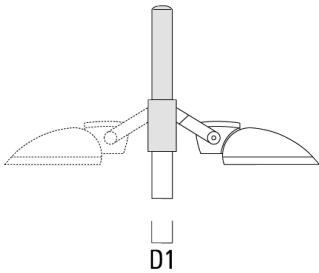
Mounting Fitter TA2-76, double	310-9125	76 x 100	2.20	76 x 100
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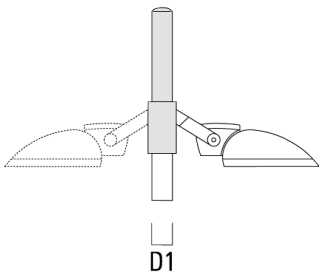
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Floodlight mounting bracket KA

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



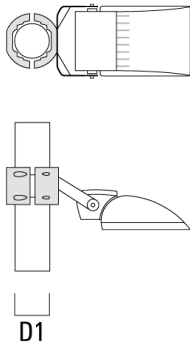
Pole bracket KA2-76, double	310-9127	76 x 100	3.40	76 x 100
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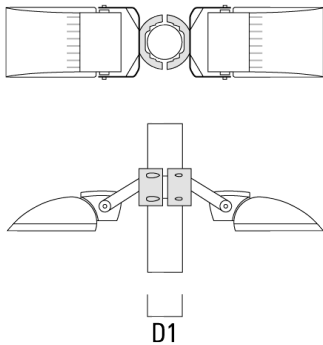
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Pole clamp

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

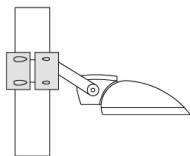
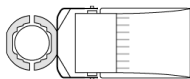


Pole clamp TS2-2/M12, double (Ø 76-89)	147-0545		76-89	1.40	76-89
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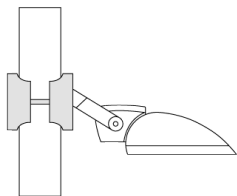
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Description	Part ID	Additional information	D1	Weight (kg)	D
Pole clamp TS1-2/M12, single (Ø 114-140)	147-0643		114-140	1.70	



D1

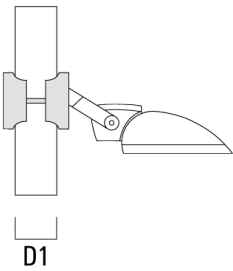
Pole clamp SP1-M16, single (Ø 38-60)	146-0241		38-60	1.30	38-60
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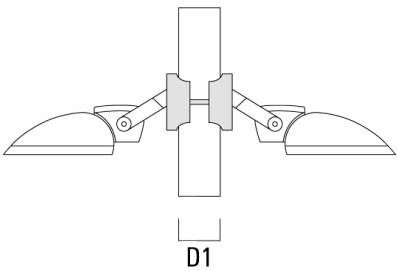
D1

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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

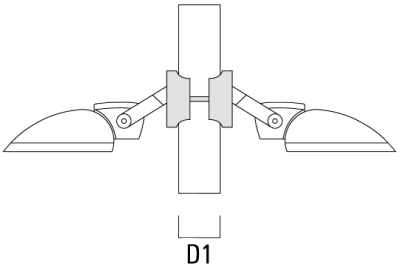


Pole clamp SP2-M16, double (Ø 38-60)	146-0243		38-60	1.60	38-60
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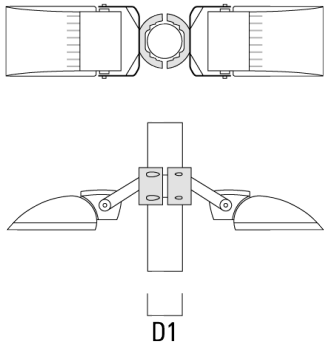


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Description	Part ID	Additional information	D1	Weight (kg)	D
Pole clamp SP2-M16, double (Ø 76-89)	146-0244		76-89	1.50	76-89



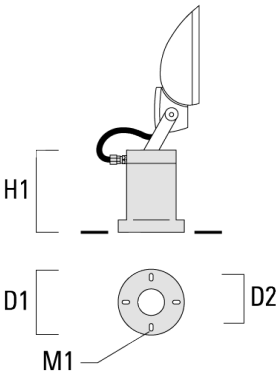
Pole clamp TS2-2/M12, double (Ø 114-140)	147-0674	Pole clamps made from die-cast aluminium with stainless steel hardware. For mounting of one or two floodlights. Max. permissible weight per installed floodlight 22.5 kg.	114-140	1.70	
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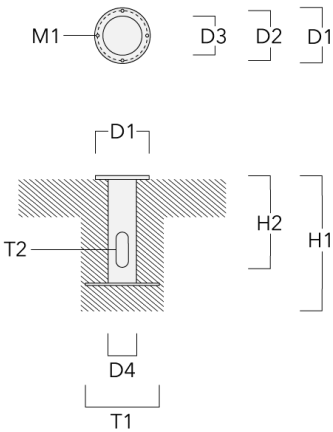
Short post

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



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Junction box

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

