

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.

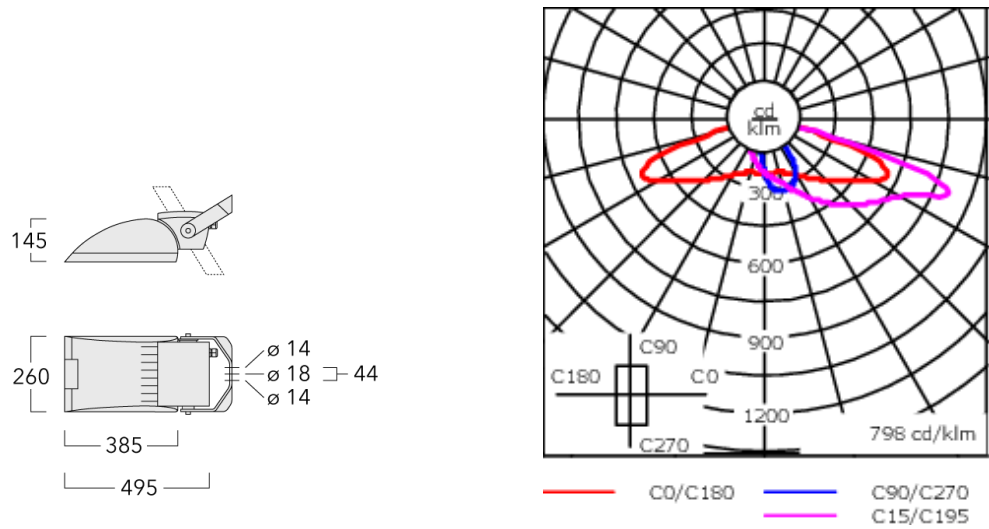
Integral EC electronic converter, including 6/6 kV surge protection. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

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	pedestrian/bicycle lane [P65]
Light source	LED-18/54W / 1050 mA - 4000 K
CRI	80
Power supply	EC
BUG	B1 U0 G1
LEDs	18
Rated input power	59 W
Nominal Lumen (lm)	
LED Lumen	450
Total Lumen	8100
Tj	85
Rated lumens (lm)	
LED Lumen	349.1
Total Lumen	6283.3
Ta	25

FLA440 LED Stirrup version



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

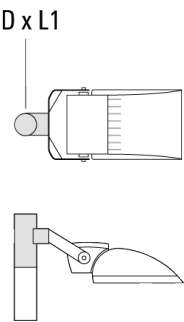
Additional information

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

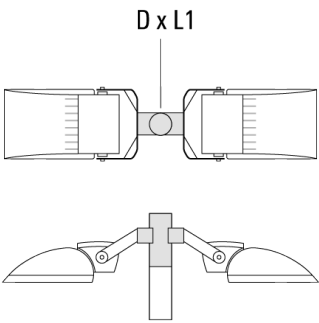
Mounting Accessories

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



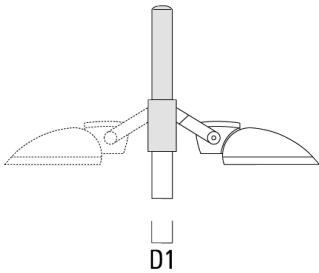
Mounting Fitter TA2-76, double	310-9125	76 x 100	2.20	76 x 100
--------------------------------	----------	----------	------	----------



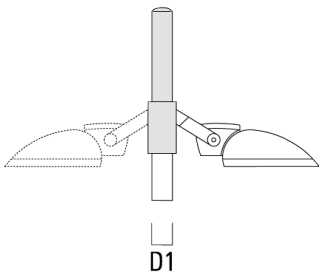
FLA440 LED Stirrup version

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



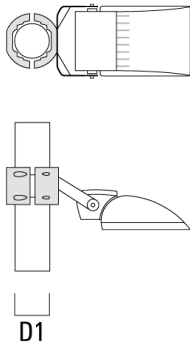
Pole bracket KA2-76, double	310-9127	76 x 100	3.40	76 x 100
-----------------------------	----------	----------	------	----------



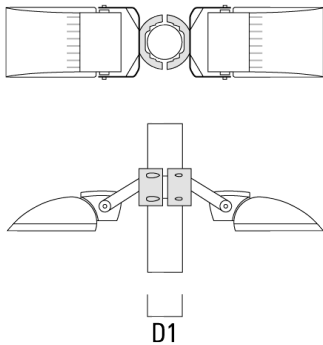
FLA440 LED Stirrup version

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

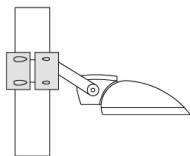
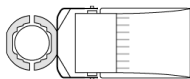


Pole clamp TS2-2/M12, double (Ø 76-89)	147-0545		76-89	1.40	76-89
--	----------	--	-------	------	-------



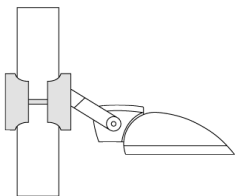
FLA440 LED Stirrup version

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

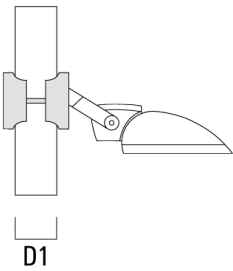
Pole clamp SP1-M16, single (Ø 38-60)	146-0241		38-60	1.30	38-60
--------------------------------------	----------	--	-------	------	-------



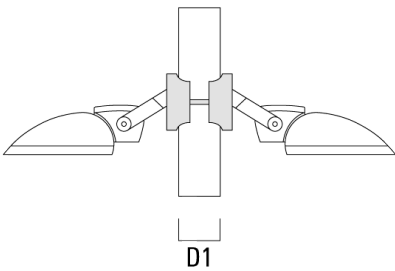
D1

FLA440 LED Stirrup version

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

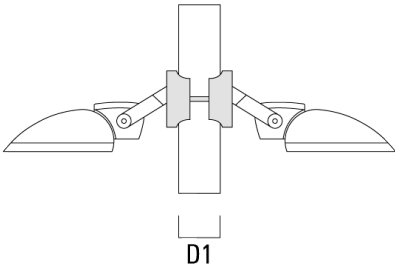


Pole clamp SP2-M16, double (Ø 38-60)	146-0243		38-60	1.60	38-60
--------------------------------------	----------	--	-------	------	-------

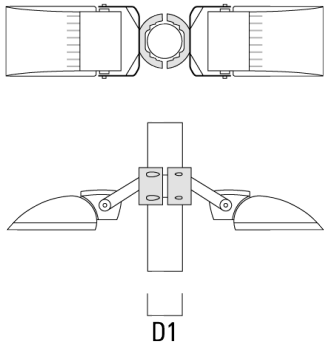


FLA440 LED Stirrup version

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



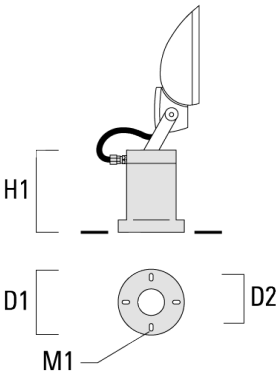
Pole clamp TS2-2/M12, double (Ø 114-140)	147-0674	Pole clamps made from die-cast aluminium with stainless steel hardware. For mounting of one or two floodlights. Max. permissible weight per installed floodlight 22.5 kg.	114-140	1.70	
--	----------	---	---------	------	--



FLA440 LED Stirrup version

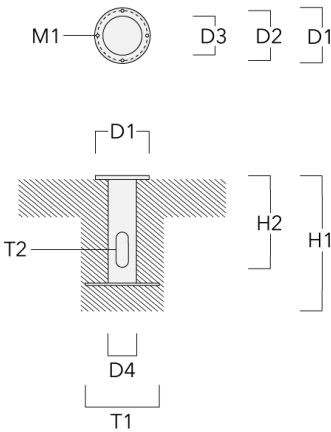
Short post

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



FLA440 LED Stirrup version

Junction box

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

