

Description

IP66. Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. RFC™ Reflection Free Contour main lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. LED board can be easily removed for upgrading. CAD- optimised OLC® optics for superior illumination and glare control.

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  RAL9006 White aluminium  RAL9007 Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware (unpainted)
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE+Primer
Windage	0.123 m ²

Electrical description

Power supply	230V / 50 Hz
Driver / Ballast	Integral EC electronic converter
Power factor	> 0.9
Surge protection	Internal surge protection SP10 device supplied.

Additional information

Lifetime	Ta=40° L90B10 > 90000h
Warranty	The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on www.we-ef.com for further details.

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



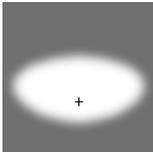
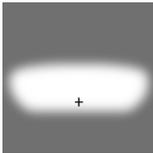
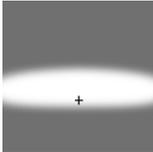
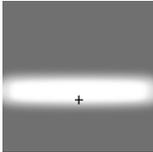
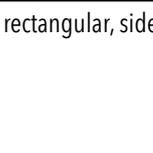
2700 K

Nominal Watt

36 W

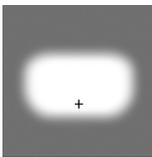
0 W

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	8.50
	108-7708	LED-18/36W / 700 mA - 4000 K	4168.6	41 W	80	8.50
	108-7717	LED-18/54W / 1050 mA - 3000 K	5782.2	59 W	80	8.50
	108-7718	LED-18/54W / 1050 mA - 4000 K	6051.1	59 W	80	8.50
	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	8.50
	108-7700	LED-18/36W / 700 mA - 4000 K	4445.3	41 W	80	8.50
	108-7709	LED-18/54W / 1050 mA - 3000 K	6166.1	59 W	80	8.50
	108-7710	LED-18/54W / 1050 mA - 4000 K	6452.9	59 W	80	8.50
	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	8.50
	108-7702	LED-18/36W / 700 mA - 4000 K	4471.4	41 W	80	8.50
	108-7711	LED-18/54W / 1050 mA - 3000 K	6202.2	59 W	80	8.50
	108-7712	LED-18/54W / 1050 mA - 4000 K	6490.7	59 W	80	8.50
	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	8.50
	108-7704	LED-18/36W / 700 mA - 4000 K	4332.5	41 W	80	8.50
	108-7713	LED-18/54W / 1050 mA - 3000 K	6009.6	59 W	80	8.50
	108-7714	LED-18/54W / 1050 mA - 4000 K	6289.1	59 W	80	8.50
	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	8.50
	108-7796	LED-18/36W / 700 mA - 4000 K	4328.5	41 W	80	8.50
	108-7797	LED-18/54W / 1050 mA - 3000 K	6004.1	59 W	80	8.50
	108-7798	LED-18/54W / 1050 mA - 4000 K	6283.3	59 W	80	8.50
	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	8.50
	108-7706	LED-18/36W / 700 mA - 4000 K	4073.6	41 W	80	8.50
	108-7715	LED-18/54W / 1050 mA - 3000 K	5650.5	59 W	80	8.50
	108-7716	LED-18/54W / 1050 mA - 4000 K	5913.3	59 W	80	8.50

FLA440 LED

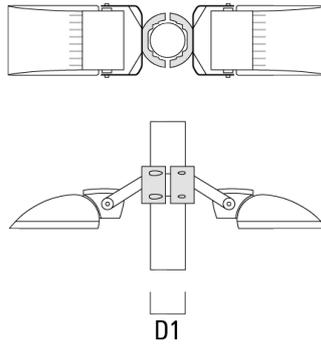
Pole mounted

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

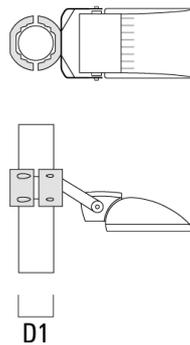
Mounting Accessories

Pole clamp TS

Description	Part ID	Additional information	D1	Weight (kg)	D
TS2-2/M12 Pole clamp, double (Ø 102-114)	147-0527		102-114	1.50	102-114

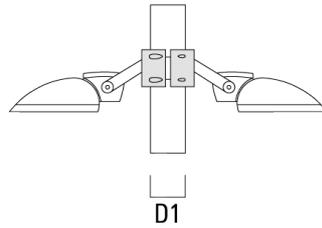


TS1-2/M12 Pole clamp, single (Ø 76-89)	147-0543		76-89	1.40	76-89
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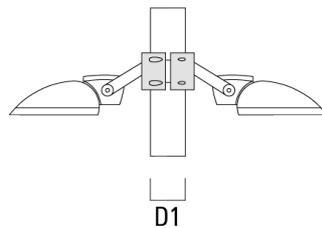
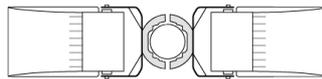


Pole mounted

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

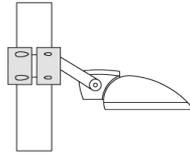
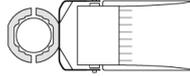


TS2-2/M12 Pole clamp, double (Ø 114-133)	147-0546		114-133	1.60	114-133
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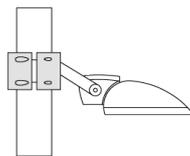
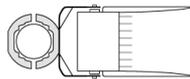
Pole mounted

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



D1

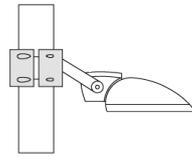
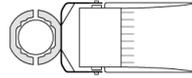
TS1-2/M12 Pole clamp, single (Ø 102-114)	147-0526		102-114	1.50	102-114
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D1

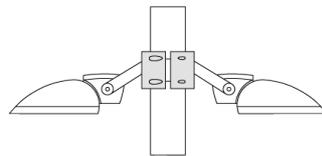
Pole mounted

Description	Part ID	Additional information	D1	Weight (kg)	D
TS1-2/M12 Pole clamp, single (Ø 114-133)	147-0544		114-133	1.70	114-133



D1

TS1-2/M12 Pole clamp, 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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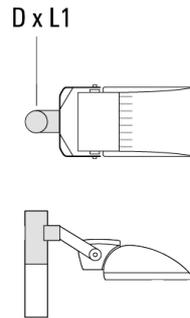


D1

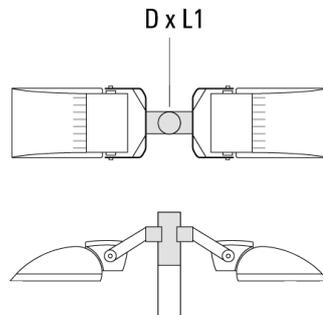
Pole mounted

Floodlight mounting bracket TA

Description	Part ID	A	C1	D x L1	Weight (kg)	D	D x S
TA1-76 Single Mounting Fitter	310-9124			76 x 100	2.10	76 x 100	

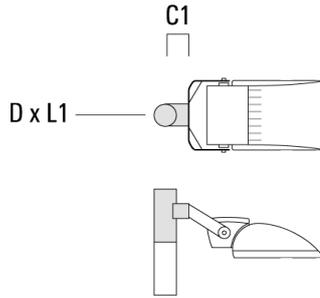


TA2 Mounting bracket, double	310-9125			76 x 100	2.20	76 x 100	
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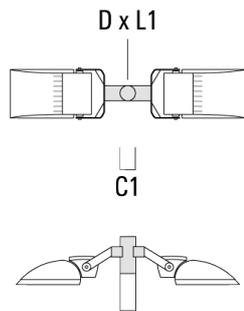


Pole mounted

Description	Part ID	A	C1	D x L1	Weight (kg)	D	D x S
TA1 Mounting bracket, single* (Ø 76 x 200)	147-0023		130	76 x 200	1.90		76 x 200

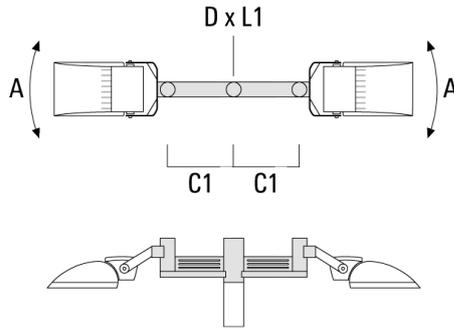


TA2 Mounting bracket, double* (Ø 76 x 200)	147-0024		130	76 x 200	1.90		76 x 200
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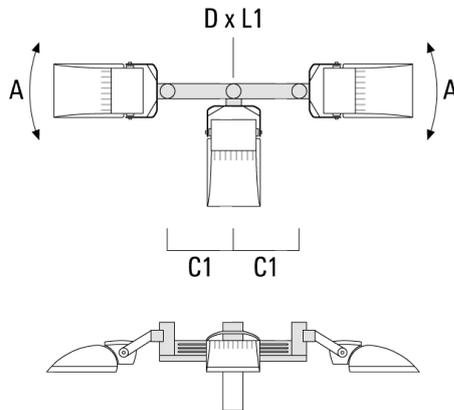


Pole mounted

Description	Part ID	A	C1	D x L1	Weight (kg)	D	D x S
TA2-L Mounting bracket, double (Ø 76 x 200)	147-0105	±90°	420	76 x 200	16.10		76 x 200

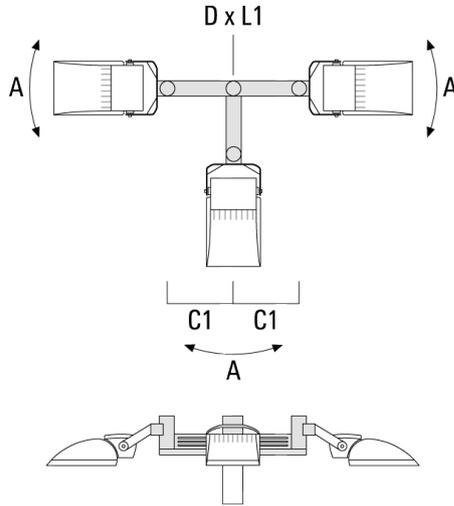


TA3 Mounting bracket, triple (Ø 89 x 200)	147-0025	±90°	650	89 x 200	17.90		89 x 200
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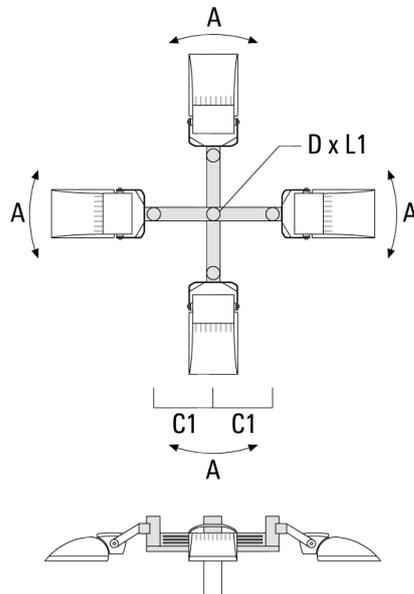


Pole mounted

Description	Part ID	A	C1	D x L1	Weight (kg)	D	D x S
TA3-L Mounting bracket, triple (Ø 89 x 200)	147-0557	±9°	690	89 x 200	20.80		89 x 200



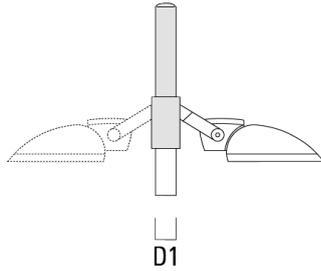
TA4-L Mounting bracket, quad (Ø 89 x 200)	147-0465	±9°	690	89 x 200	22.60		89x200
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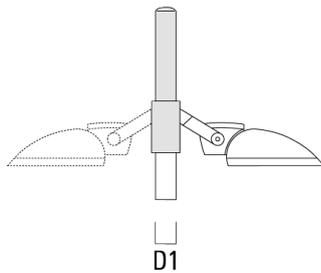
Pole mounted

Floodlight mounting bracket KA

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



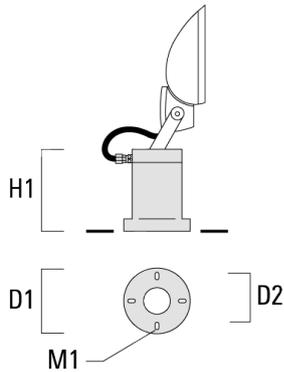
KA2-76 Pole bracket, double	310-9127	76 x 100	3.40	76 x 100
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Pole mounted

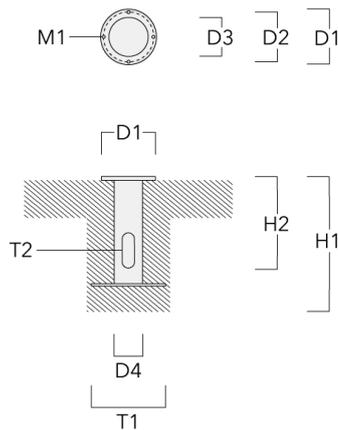
Short post EM

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



Planted root

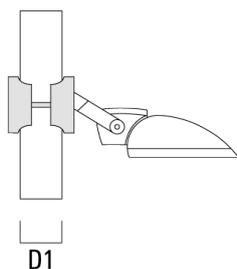
Description	Part ID	D1	D2	D3	D4	H1	H2	M1	T1	T2	Weight (kg)
Planted root ESV4	300-0461-AP	150	130	60	89	400	350	8	200	50 x 100	3.85



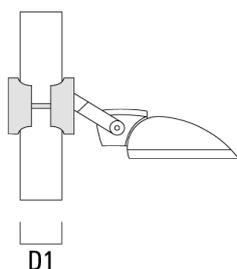
Pole mounted

Pipe clamp SP

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

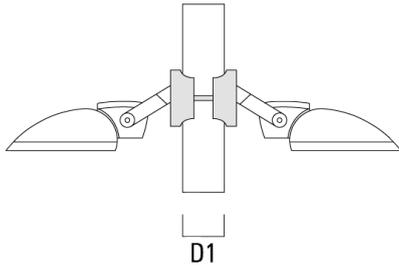


SP1-M16 Pole clamp, single (Ø 76-89)	146-0242	76-89	1.30	76-89
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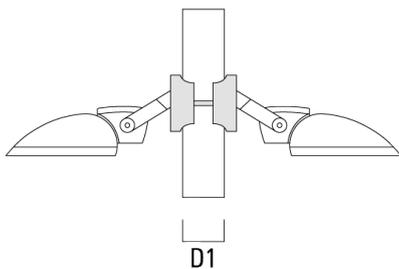


Pole mounted

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



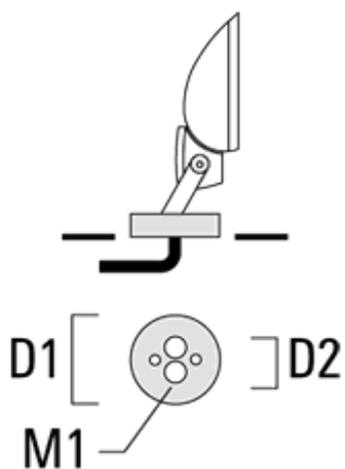
SP2-M16 Pole clamp, double (Ø 76-89)	146-0244	76-89	1.50	76-89
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Pole mounted

Junction box JB1

Description	Part ID	D1	D2	M1	Weight (kg)
JB1-M16-WE Junction box	310-9001	135	67	9	1.30



Optical Accessories**Light shield**

Description	Part ID	Additional information
LS180-[A60]	003-4018	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [A60] lenses. Must be specified at time of ordering.
LS180	003-4019	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.