

AFL120 LED

**Description**

IP66, Class I or Class II. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. CCG® Controlled Compression Gasket. Non-reflective flat safety glass cover, hinged. Integral EC electronic converter. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation. Can be used as post top or side entry version. Specification at time of order is recommended.

Spigot Ø 3" x 4"

Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.

Weight	15.40 lb
Light distribution	asymmetric, side throw beam [S66]
Light source	LED-24/24W / 350 mA - 2200 K
CRI	70
Power supply	electronic gear
LEDs	24
Rated input power	26.5 W

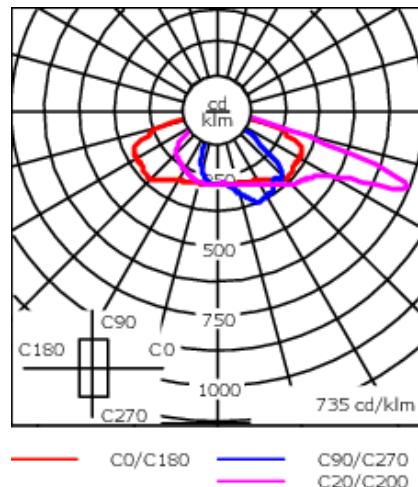
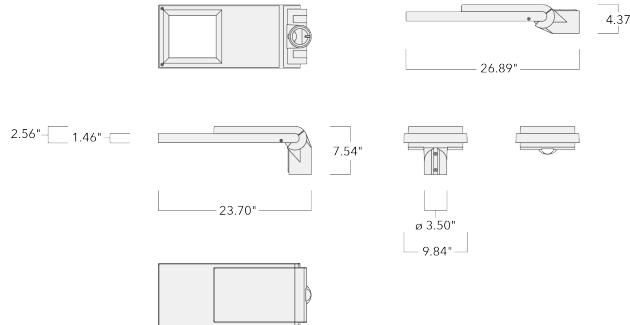
Nominal Lumen (lm)

LED Lumen	145
Total Lumen	3480
T _j	85

Delivered lumens (lm)

LED Lumen	136.6
Total Lumen	3279.6
T _a	25

AFL120 LED



Specifications

Material description

Body Marine-grade, die-cast aluminium alloy

Lens Non-reflective safety glass lens

Colors
 RAL9004 Black
 RAL9007 Grey Metallic
 RAL9016 White
 RAL8019 Dark Bronze

Gasket CCG® Controlled Compression Gasket

Fasteners PCS Polymer Coated Stainless Steel Hardware

Ingress protection IP66

Impact resistance IK08

Corrosion resistance 5CE

Windage 1.57 ft²

Electrical description

Power supply 120V - 277V Universal Driver

Driver / Ballast Integral EC electronic converter. 0-10V

Power factor > 0.9

Surge protection In-line bracket 10kV Surge Protector

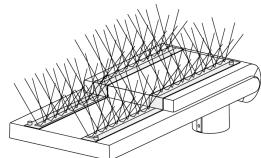
Additional information

Lifetime Ta=25°/40° L90B10 > 90000h

Mounting Accessories

Bird deterrent

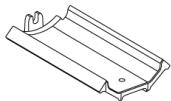
Description	Part ID
Bird deterrent BD	430-0015



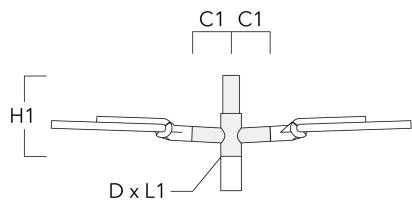
AFL120 LED

Adaptor

Description	Part ID
Adaptor AFL100	102-0392

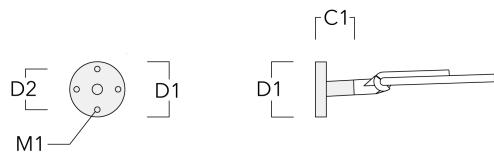
**Wall and pole brackets RE**

Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (lb)
RE2-540 Pole bracket, double	111-0043	7.87			3 x 5	21.65		11.68

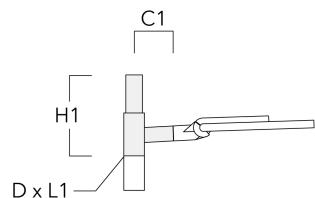


AFL120 LED

Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (lb)
RE0-540 Wall bracket	111-0084	7.09	9.06	7.68			0.47	7.05



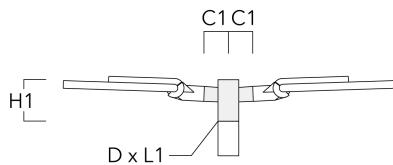
RE1-540 Pole bracket, single	111-0042	200	3 x 5	500	4.60
------------------------------	----------	-----	-------	-----	------



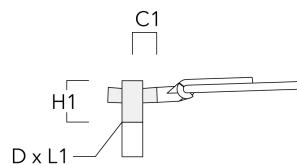
AFL120 LED

Pole brackets RF

Description	Part ID	C1	D × L1	H1	Weight (lb)
RF2-540 Pole bracket, double	111-0047	7.87	3 x 3	7.87	7.28



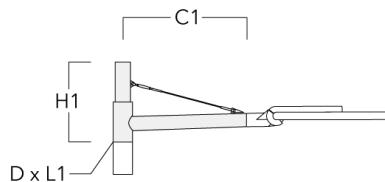
RF1-540 Pole bracket, single	111-0046	200	3 x 3	200	2.60
------------------------------	----------	-----	-------	-----	------



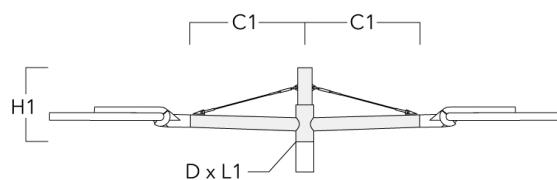
AFL120 LED

Wall and pole brackets RX

Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (lb)
RX1-540 Pole bracket, single	111-0054	39.37			2.99 x 3.15	21.65				14.99

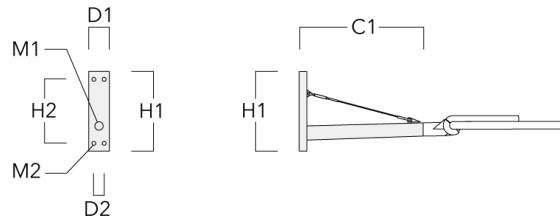


RX2-540 Pole bracket, double	111-0055	39.37	2.99 x 3.15	21.65	21.38
------------------------------	----------	-------	-------------	-------	-------



AFL120 LED

Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight(lb)
RX0-540 Wall bracket	111-0086	39.37	5.51	3.94		17.72	15.16	1.18	0.47	11.46



Optical Accessories

Backlight shield

Description	Part ID	Additional information
LS180	430-0029	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S61][S65][S66][S70][S71][R60][R61][P66][Q66][A61] lenses. Must be specified at time of ordering.

