

## 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	pedestrian crossing, left-hand traffic [P46L]
Light source	LED-24/24W / 350 mA - 4000 K
CRI	80
Power supply	electronic gear
LEDs	24
Rated input power	26.5 W

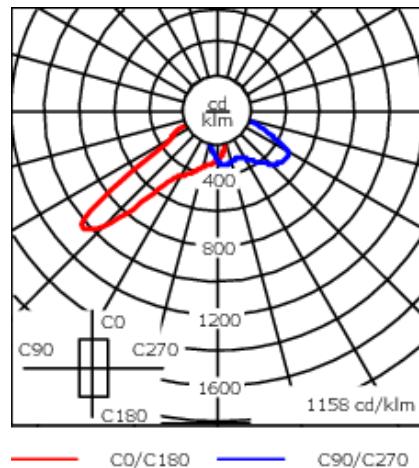
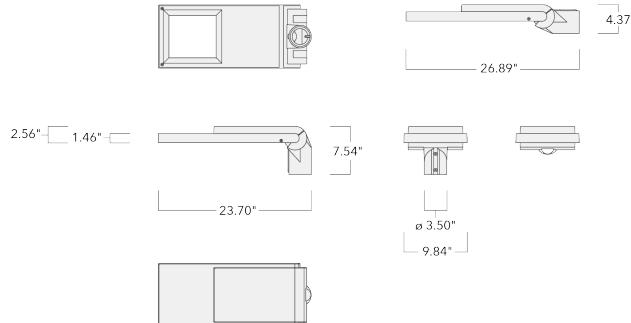
**Nominal Lumen (lm)**

LED Lumen	170
Total Lumen	4080
T <sub>j</sub>	85

**Delivered lumens (lm)**

LED Lumen	167.5
Total Lumen	4019.4
T <sub>a</sub>	25

## AFL120 LED



## Specifications

## Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflective safety glass lens
Colors	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <span style="display: inline-block; width: 20px; height: 15px; background-color: black; border-radius: 5px;"></span>  RAL9004 Black         </div> <div style="text-align: center;"> <span style="display: inline-block; width: 20px; height: 15px; background-color: #808080; border-radius: 5px;"></span>  RAL9007 Grey Metallic         </div> <div style="text-align: center;"> <span style="display: inline-block; width: 20px; height: 15px; background-color: #e0e0e0; border-radius: 5px;"></span>  RAL9016 White         </div> <div style="text-align: center;"> <span style="display: inline-block; width: 20px; height: 15px; background-color: #555555; border-radius: 5px;"></span>  RAL8019 Dark Bronze         </div> </div>
Gasket	CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	1.57 ft <sup>2</sup>

## 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

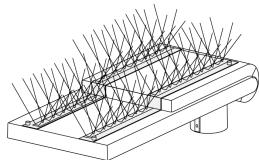
Lifetime	Ta=25°/40° L90B10 > 90000h
----------	----------------------------

**AFL120 LED**

---

**Mounting Accessories****Bird deterrent**

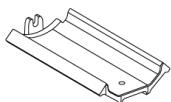
Description	Part ID
Bird deterrent BD	430-0015



## AFL120 LED

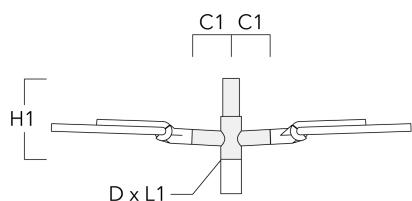
## Adaptor

Description	Part ID
Adaptor AFL100	102-0392



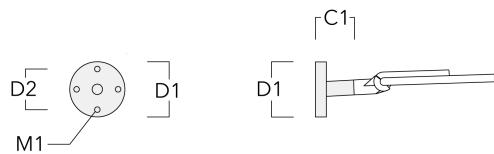
## Wall and pole brackets RE

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

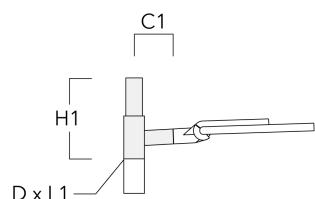


## AFL120 LED

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



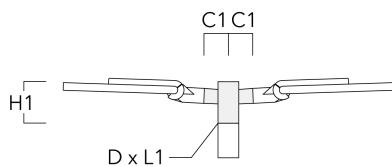
RE1-540 Pole bracket, single	111-0042	200	3 x 5	500	4.60
------------------------------	----------	-----	-------	-----	------



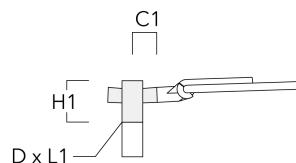
## AFL120 LED

## 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



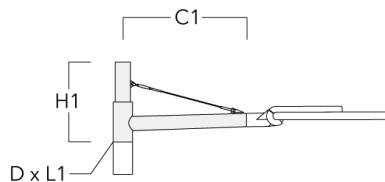
RF1-540 Pole bracket, single	111-0046	200	3 x 3	200	2.60
------------------------------	----------	-----	-------	-----	------



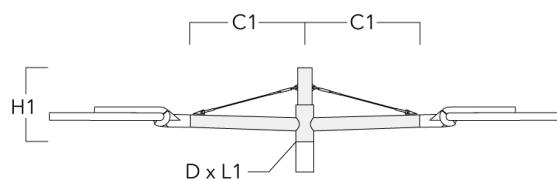
## AFL120 LED

## 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

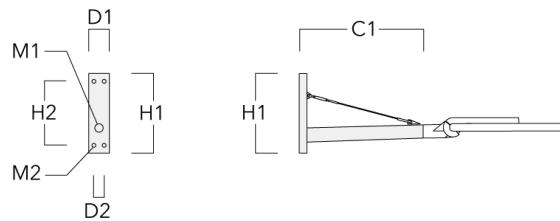


RX2-540 Pole bracket, double	111-0055	39.37	2.99 x 3.15	21.65	21.38
------------------------------	----------	-------	-------------	-------	-------



## 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.

