

AFL120-WL LED



Description

Wild-Light. 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 in thermally separated compartment. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. Wild-Light with Advanced or Motion available on request, must be specified at time of ordering. For further details and available variants see below under additional information - Wild-Light Presentation. 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 76 x 100 mm. Spigot Ø 60 x 100 mm or 42 x 100 mm optional available. Must be indicated during order placement.

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

IMPORTANT

Weight	15.40 lb
Light distribution	asymmetric, side throw beam [S66]
Light source	LED-8-16/8W-32W/True Amber-2200K
CRI	NA/70
Power supply	electronic gear
LEDs	24
Rated input power	43 W

Nominal Lumen (lm)	
LED Lumen	196.7
Total Lumen	4720
Tj	85

Delivered lumens (lm)	
LED Lumen	176.5
Total Lumen	4236.4
Ta	25

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Photometric data legend (for ies-data):

Part ID (channel I+II - both colour temperatures 1850K (True Amber) + 2200K / 2200K + 3000K)

Part ID_1 (channel I - lower colour temperature 1850K (True Amber) / 2200K only)

Part ID_2 (channel II - upper colour temperature 2200K / 3000K only)

Photometric data legend (for ldt-data):

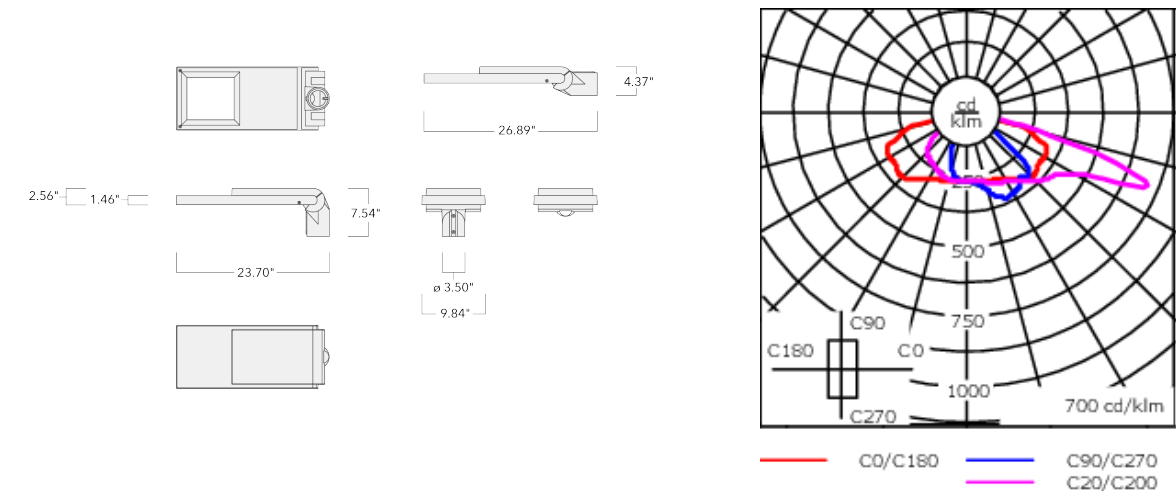
Part ID (channel I+II - both colour temperatures 1850K (True Amber) + 2200K / 2200K + 3000K)

Part ID (channel I - lower colour temperature 1850K (True Amber) / 2200K only)

Part ID (channel II - upper colour temperature 2200K / 3000K only)

Photometric files (IES, LDT) for light distributions [S61] [S65] [S66] [S70] [R60] [R61] [P66] [Q66] [A61] with Backlight Shield on request.

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Specifications
Material description

Table with 2 columns: Component and Description. Rows include 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), and Windage (0.146 m²).

Electrical description

Table with 2 columns: Component and Description. Rows include Driver / Ballast (Integral EC electronic converter. DALI), Power factor (> 0.9), and Surge protection (6/6kV, optional 10kV).

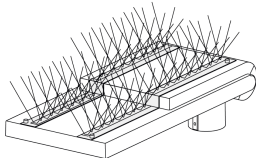
Additional information

Table with 2 columns: Component and Description. Row includes Lifetime (Ta=25°/40° L90B10 > 90000h).

Mounting Accessories

Bird deterrent

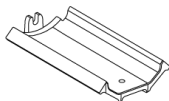
Description	Part ID
Bird deterrent BD	430-0015



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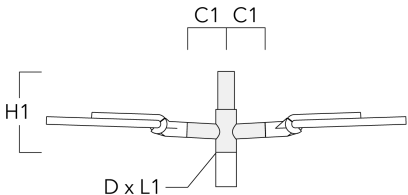
Adaptor

Description	Part ID
Adaptor AFL100	102-0392



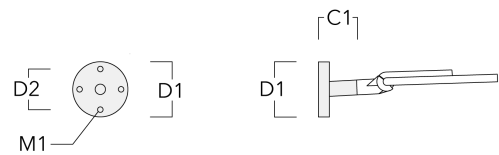
Wall and pole brackets RE

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

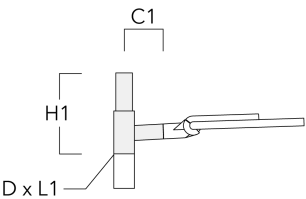


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Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (lb)
RE0-540 Wall bracket	111-0084	7.09	9.06	7.68			0.47	7.05



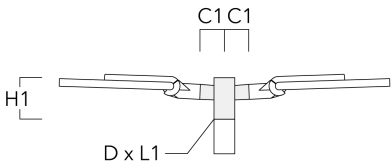
RE1-540 Pole bracket, single	111-0042	200			3 x 5	500		4.60
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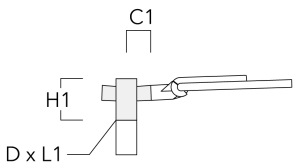
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Pole brackets RF

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

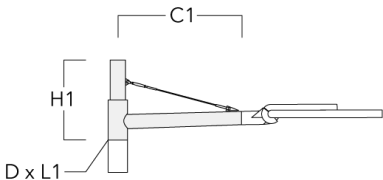


RF1-540 Pole bracket, single	111-0046	200	3 x 3	200	2.60
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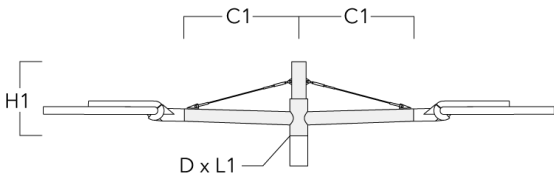


Wall and pole brackets RX

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

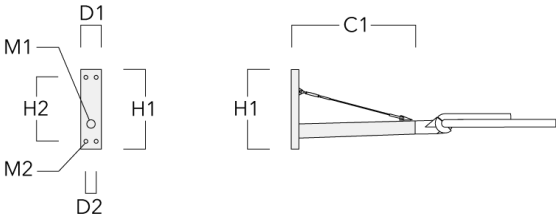


RX2-540 Pole bracket, double	111-0055	39.37			2.99 x 3.15	21.65				21.38
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Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (lb)
RX0-540 Wall bracket	111-0086	39.37	5.51	3.94		17.72	15.16	1.18	0.47	11.46



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.

