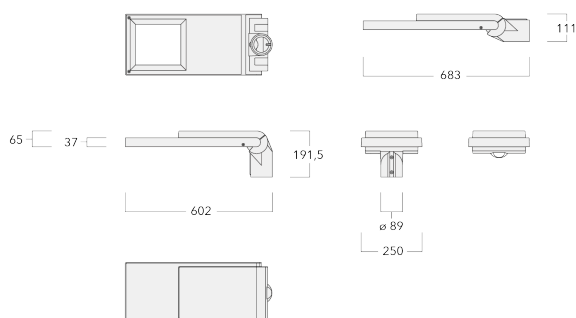


AFL120-WL LED

Pole mounted

we-ef



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 \varnothing 76 x 100 mm. Spigot \varnothing 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

Photometric data legend (for ies-data):

WE-EF LIGHTING Pty Ltd

6/13 Downard Street, 3195 Braeside, Victoria - Phone: +61 3 8587 0444 - Fax: +61 3 8587 0499

info.australia@we-ef.com - <https://we-ef.com/aus>

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AFL120-WL LED

Pole mounted

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

Part ID_1 (channel I - lower colour temperature 1850K
(PC 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
(PC Amber) + 2200K / 2200K + 3000K)

Part ID (channel I - lower colour temperature 1850K (PC
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.

Pole mounted**Specifications****Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflective safety glass lens
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium
Gasket	CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE+Primer
Windage	0.146 m ²

Electrical description

Driver / Ballast	Integral EC electronic converter. DALI
Power factor	> 0.9
Surge protection	In-pole surge protection SP10 device supplied. Please refer to WE-EF installation instructions for details. Use suffix +A for Integral surge protection.

Additional information

Lifetime	Ta=40° L90B10 > 90000h
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Pole mounted

Options

Light distribution



asymmetric, side throw [S61]



asymmetric, forward throw [A61]



asymmetric, side throw [S65]



asymmetric, side throw [S70]



rectangular, side throw [R60]



pedestrian/bicycle lane [P66]



square distribution [Q66]



pedestrian crossing, right-hand traffic [P46R]



pedestrian crossing, left-hand traffic [P46L]



asymmetric, side throw [S66]



asymmetric, side throw [S71]



rectangular, side throw [R61]

Colour temperature

2200 K / 3000 K

True Amber / 2200 K



3000 K



2200 K

True Amber

PC Amber / 3000 K

Nominal Watt

40 W

36 W

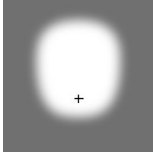
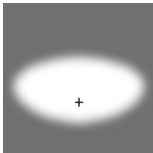
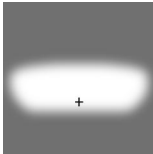
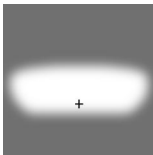
32 W

8 W

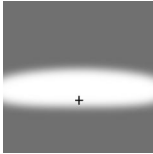
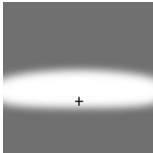
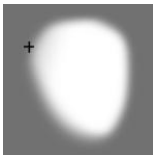
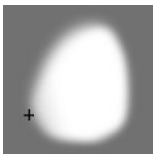
0 W

Pole mounted

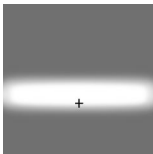
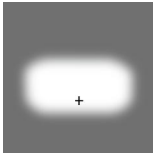
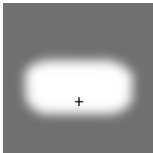
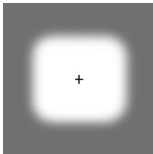
Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A61] 	102-0146	LED-8-16/8W-32W/2200K-3000K	4978.7	44.5 W	70/80	7.00
	102-0146_1	LED-8/8W/2200K	995.7	9.5 W	70	7.00
	102-0146_2	LED-16/32W/3000K	3983	35 W	80	7.00
	102-0147	LED-8-16/8W-32W/True Amber-2200K	3983	43 W	NA/70	7.00
	102-0147_1	LED-8/8W/True Amber	274.7	8 W	NA	7.00
	102-0147_2	LED-16/32W/2200K	3708.3	35 W	70	7.00
	102-0403	LED-8-16/8W-32W/PC Amber-3000K	4738.4	44.5 W	60/80	7.00
	102-0403_1	LED-8/8W/PC Amber	755.4	9.5 W	60	7.00
	102-0403_2	LED-16/32W/3000K	3983	35 W	80	7.00
asymmetric, side throw [S61] 	102-0136	LED-8-16/8W-32W/2200K-3000K	5253.6	44.5 W	70/80	7.00
	102-0136_1	LED-8/8W/2200K	1050.7	9.5 W	70	7.00
	102-0136_2	LED-16/32W/3000K	4202.9	35 W	80	7.00
	102-0137	LED-8-16/8W-32W/True Amber-2200K	4202.9	43 W	NA/70	7.00
	102-0137_1	LED-8/8W/True Amber	289.9	8 W	NA	7.00
	102-0137_2	LED-16/32W/2200K	3913	35 W	70	7.00
	102-0399	LED-8-16/8W-32W/PC Amber-3000K	5000	44.5 W	60/80	7.00
	102-0399_1	LED-8/8W/PC Amber	797.1	9.5 W	60	7.00
	102-0399_2	LED-16/32W/3000K	4202.9	35 W	80	7.00
asymmetric, side throw [S65] 	102-0138	LED-8-16/8W-32W/2200K-3000K	5240.4	44.5 W	70/80	7.00
	102-0138_1	LED-8/8W/2200K	1048.1	9.5 W	70	7.00
	102-0138_2	LED-16/32W/3000K	4192.3	35 W	80	7.00
	102-0139	LED-8-16/8W-32W/True Amber-2200K	4192.3	43 W	NA/70	7.00
	102-0139_1	LED-8/8W/True Amber	289.1	8 W	NA	7.00
	102-0139_2	LED-16/32W/2200K	3903.2	35 W	70	7.00
	102-0400	LED-8-16/8W-32W/PC Amber-3000K	4987.4	44.5 W	60/80	7.00
	102-0400_1	LED-8/8W/PC Amber	802.2	9.5 W	60	7.00
	102-0400_2	LED-16/32W/3000K	3484.6	35 W	80	7.00
asymmetric, side throw [S66] 	102-0344	LED-8-16/8W-32W/2200K-3000K	5205.8	44.5 W	70/80	7.00
	102-0344_1	LED-8/8W/2200K	1041.2	9.5 W	70	7.00
	102-0344_2	LED-16/32W/3000K	4164.6	35 W	80	7.00
	102-0345	LED-8-16/8W-32W/True Amber-2200K	4164.6	43 W	NA/70	7.00
	102-0345_1	LED-8/8W/True Amber	287.2	8 W	NA	7.00
	102-0345_2	LED-16/32W/2200K	3877.4	35 W	70	7.00
	102-0407	LED-8-16/8W-32W/PC Amber-3000K	4954.5	44.5 W	60/80	7.00
	102-0407_1	LED-8/8W/PC Amber	789.8	9.5 W	60	7.00

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, side throw [S70] 	102-0407_2	LED-16/32W/3000K	4164.6	35 W	80	7.00
	102-0140	LED-8-16/8W-32W/2200K-3000K	5126.5	44.5 W	70/80	7.00
	102-0140_1	LED-8/8W/2200K	1025.3	9.5 W	70	7.00
	102-0140_2	LED-16/32W/3000K	4101.2	35 W	80	7.00
	102-0141	LED-8-16/8W-32W/True Amber-2200K	4101.2	43 W	NA/70	7.00
	102-0141_1	LED-8/8W/True Amber	282.8	8 W	NA	7.00
	102-0141_2	LED-16/32W/2200K	3818.4	35 W	70	7.00
	102-0307	LED-8-16/8W-32W/PC Amber-3000K	4879	44.5 W	60/80	7.00
	102-0307_1	LED-8/8W/PC Amber	777.8	9.5 W	60	7.00
102-0307_2	LED-16/32W/3000K	4101.2	35 W	80	7.00	
asymmetric, side throw [S71] 	102-0346	LED-8-16/8W-32W/2200K-3000K	4716.2	44.5 W	70/80	7.00
	102-0346_1	LED-8/8W/2200K	943.2	9.5 W	70	7.00
	102-0346_2	LED-16/32W/3000K	3773	35 W	80	7.00
	102-0347	LED-8-16/8W-32W/True Amber-2200K	3773	43 W	NA/70	7.00
	102-0347_1	LED-8/8W/True Amber	260.2	8 W	NA	7.00
	102-0347_2	LED-16/32W/2200K	3512.8	35 W	70	7.00
	102-0408	LED-8-16/8W-32W/PC Amber-3000K	4488.5	44.5 W	60/80	7.00
	102-0408_1	LED-8/8W/PC Amber	715.6	9.5 W	60	7.00
	102-0408_2	LED-16/32W/3000K	3773	35 W	80	7.00
pedestrian crossing, left-hand traffic [P46L] 	102-0152	LED-8-16/8W-32W/2200K-3000K	5525.3	44.5 W	70/80	7.00
	102-0152_1	LED-8/8W/2200K	1105.1	9.5 W	70	7.00
	102-0152_2	LED-16/32W/3000K	4420.2	35 W	80	7.00
	102-0153	LED-8-16/8W-32W/True Amber-2200K	4420.2	43 W	NA/70	7.00
	102-0153_1	LED-8/8W/True Amber	304.8	8 W	NA	7.00
	102-0153_2	LED-16/32W/2200K	4115.4	35 W	70	7.00
	102-0406	LED-8-16/8W-32W/PC Amber-3000K	5258.6	44.5 W	60/80	7.00
	102-0406_1	LED-8/8W/PC Amber	838.3	9.5 W	60	7.00
	102-0406_2	LED-16/32W/3000K	4420.2	35 W	80	7.00
pedestrian crossing, right-hand traffic [P46R] 	102-0150	LED-8-16/8W-32W/2200K-3000K	5340.3	44.5 W	70/80	7.00
	102-0150_1	LED-8/8W/2200K	1068.1	9.5 W	70	7.00
	102-0150_2	LED-16/32W/3000K	4272.2	35 W	80	7.00
	102-0151	LED-8-16/8W-32W/True Amber-2200K	4272.2	43 W	NA/70	7.00
	102-0151_1	LED-8/8W/True Amber	294.6	8 W	NA	7.00
	102-0151_2	LED-16/32W/2200K	3977.6	35 W	70	7.00
	102-0405	LED-8-16/8W-32W/PC Amber-3000K	5082.5	44.5 W	60/80	7.00
	102-0405_1	LED-8/8W/PC Amber	810.2	9.5 W	60	7.00

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
pedestrian/bicycle lane [P66] 	102-0405_2	LED-16/32W/3000K	4272.2	35 W	80	7.00
	102-0144	LED-8-16/8W-32W/2200K-3000K	4856.5	44.5 W	70/80	7.00
	102-0144_1	LED-8/8W/2200K	971.3	9.5 W	70	7.00
	102-0144_2	LED-16/32W/3000K	3885.2	35 W	80	7.00
	102-0145	LED-8-16/8W-32W/True Amber-2200K	3885.2	43 W	NA/70	7.00
	102-0145_1	LED-8/8W/True Amber	267.9	8 W	NA	7.00
	102-0145_2	LED-16/32W/2200K	3617.3	35 W	70	7.00
	102-0402	LED-8-16/8W-32W/PC Amber-3000K	4622.1	44.5 W	60/80	7.00
	102-0402_1	LED-8/8W/PC Amber	736.9	9.5 W	60	7.00
	102-0402_2	LED-16/32W/3000K	3885.2	35 W	80	7.00
rectangular, side throw [R60] 	102-0142	LED-8-16/8W-32W/2200K-3000K	5287.3	44.5 W	70/80	7.00
	102-0142_1	LED-8/8W/2200K	1057.5	9.5 W	70	7.00
	102-0142_2	LED-16/32W/3000K	4229.9	35 W	80	7.00
	102-0143	LED-8-16/8W-32W/True Amber-2200K	4229.9	43 W	NA/70	7.00
	102-0143_1	LED-8/8W/True Amber	291.7	8 W	NA	7.00
	102-0143_2	LED-16/32W/2200K	3938.1	35 W	70	7.00
	102-0401	LED-8-16/8W-32W/PC Amber-3000K	5032.1	44.5 W	60/80	7.00
	102-0401_1	LED-8/8W/PC Amber	802.2	9.5 W	60	7.00
	102-0401_2	LED-16/32W/3000K	4229.9	35 W	80	7.00
	rectangular, side throw [R61] 	102-0348	LED-8-16/8W-32W/2200K-3000K	4734.9	44.5 W	70/80
102-0348_1		LED-8/8W/2200K	947	9.5 W	70	7.00
102-0348_2		LED-16/32W/3000K	3787.9	35 W	80	7.00
102-0409		LED-8-16/8W-32W/PC Amber-3000K	4506.3	44.5 W	60/80	7.00
102-0409_1		LED-8/8W/PC Amber	513.9	9.5 W	60	7.00
102-0409_2		LED-16/32W/3000K	2709.8	35 W	80	7.00
square distribution [Q66] 	102-0148	LED-8-16/8W-32W/2200K-3000K	4834.1	44.5 W	70/80	7.00
	102-0148_1	LED-8/8W/2200K	966.8	9.5 W	70	7.00
	102-0148_2	LED-16/32W/3000K	3867.2	35 W	80	7.00
	102-0149	LED-8-16/8W-32W/True Amber-2200K	3867.2	43 W	NA/70	7.00
	102-0149_1	LED-8/8W/True Amber	266.7	8 W	NA	7.00
	102-0149_2	LED-16/32W/2200K	3600.5	35 W	70	7.00
	102-0404	LED-8-16/8W-32W/PC Amber-3000K	4600.7	44.5 W	60/80	7.00
	102-0404_1	LED-8/8W/PC Amber	733.4	9.5 W	60	7.00
	102-0404_2	LED-16/32W/3000K	3867.2	35 W	80	7.00

AFL120-WL LED

Pole mounted

we-ef

Control

R2C Ready to Connect

Description	Part ID
R2C Ready to Connect (top)	430-0019
R2C Ready to Connect (below)	430-0027
R2C Ready to Connect (top and below)	430-0032

WE-EF LIGHTING Pty Ltd

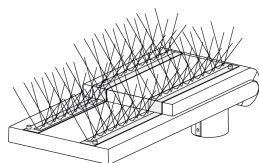
6/13 Downard Street, 3195 Braeside, Victoria - Phone: +61 3 8587 0444 - Fax: +61 3 8587 0499

info.australia@we-ef.com - <https://we-ef.com/aus>

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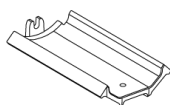
Pole mounted**Mounting Accessories****Bird deterrent**

Description	Part ID
Bird deterrent BD	430-0015



Adaptor

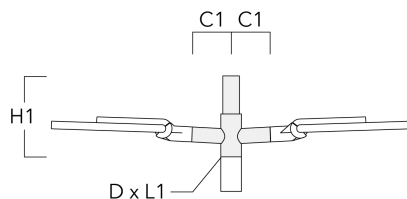
Description	Part ID
Adaptor AFL100	102-0392



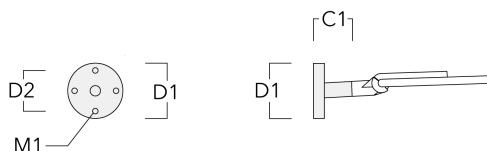
Pole mounted

Wall and pole brackets RE

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)
RE2-540 Pole bracket, double	111-0043		200			76 x 130	550		5.30

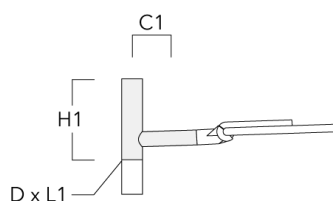


RE0-540 Wall bracket	111-0084		180	230	195			12	3.20
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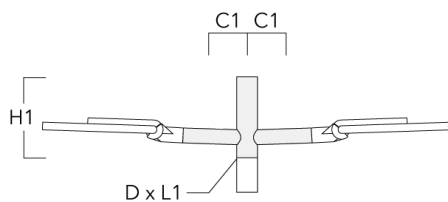


Pole mounted

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)
Pole bracket RE1, single for mounting on AML-A poles	111-9022	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320			76 x 76	550		6.10

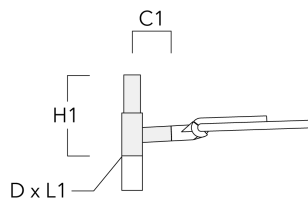


Pole bracket RE2, double for mounting on AML-A poles	111-9023	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320			76 x 76	550		7.20
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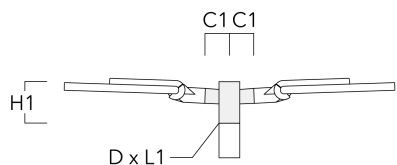
Pole mounted

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)
RE1-540 Pole bracket, single	111-0042		200			76 x 130	500		4.60



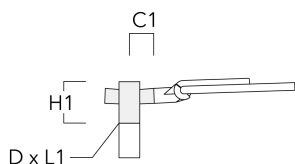
Pole brackets RF

Description	Part ID	C1	D × L1	H1	Weight (kg)
RF2-540 Pole bracket, double	111-0047	200	76 x 80	200	3.30



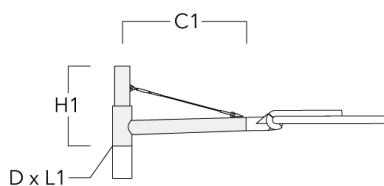
Pole mounted

Description	Part ID	C1	D × L1	H1	Weight (kg)
RF1-540 Pole bracket, single	111-0046	200	76 x 80	200	2.60



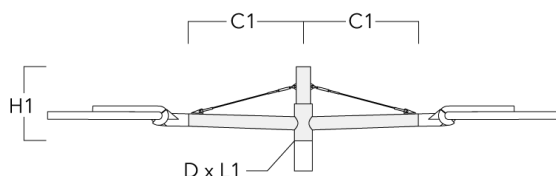
Wall and pole brackets RX

Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (kg)
RX1-540 Pole bracket, single	111-0054	1000			76 x 130	550				6.8

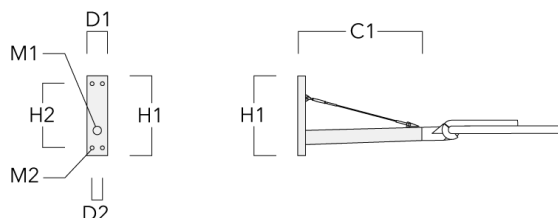


Pole mounted

Description	Part ID	C1	D1	D2	D x L1	H1	H2	M1	M2	Weight (kg)
RX2-540 Pole bracket, double	111-0055	1000			76 x 130	550				9.70



RX0-540 Wall bracket	111-0086	1000	140	100		450	385	30	12	5.20
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Pole mounted

Optical Accessories

Backlight shield

Description	Part ID	Additional information
LS180	003-4123	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S61][S66][R61][P66][Q66][A61] lenses. Must be specified at time of ordering.

