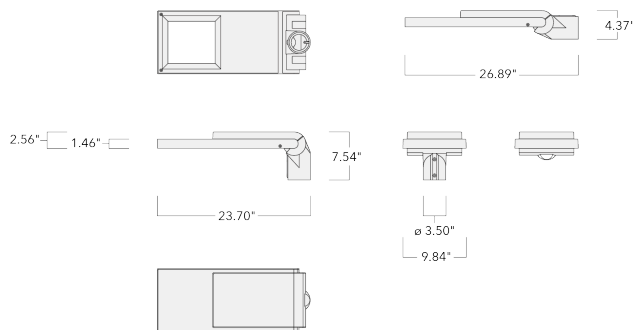


AFL120-WL LED

Street and Area Lighting

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 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.

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Street and Area Lighting

IMPORTANT

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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Street and Area Lighting**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	0.146 m ²

Electrical description

Driver / Ballast	Integral EC electronic converter. DALI
Power factor	> 0.9
Surge protection	6/6kV, optional 10kV

Additional information

Lifetime	Ta=25°/40° L90B10 > 90000h
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AFL120-WL LED

Street and Area Lighting

Options

Light distribution



[A61] Type IV Very Short



[S65] Type III Medium



[S70] Type II Short



rectangular, side throw [R60]



[P66] Type II Medium



[S61] Type III Short



square distribution [Q66]



pedestrian crossing, right-hand traffic [P46R]



pedestrian crossing, left-hand traffic [P46L]



asymmetric, side throw beam [S66]



asymmetric, side throw [S71]



rectangular, side throw [R61]

Color temperature

True Amber / 2200 K



2200 K

True Amber

PC Amber / 3000 K



3000 K

Nominal Watt

40 W

36 W

32 W

8 W

0 W

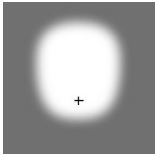
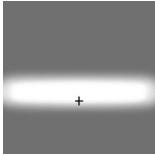
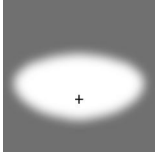
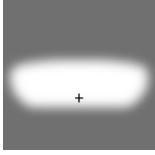
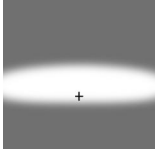
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Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
[A61] Type IV Very Short 	102-0147	LED-8-16/8W-32W/True Amber-2200K	3983	43 W	NA/70	15.40
	102-0147_1	LED-8/8W/True Amber	274.7	8 W	NA	15.40
	102-0147_2	LED-16/32W/2200K	3708.3	35 W	70	15.40
	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
[P66] Type II Medium 	102-0145	LED-8-16/8W-32W/True Amber-2200K	3885.2	43 W	NA/70	15.40
	102-0145_1	LED-8/8W/True Amber	267.9	8 W	NA	15.40
	102-0145_2	LED-16/32W/2200K	3617.3	35 W	70	15.40
	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
[S61] Type III Short 	102-0137	LED-8-16/8W-32W/True Amber-2200K	4202.9	43 W	NA/70	15.40
	102-0137_1	LED-8/8W/True Amber	289.9	8 W	NA	15.40
	102-0137_2	LED-16/32W/2200K	3913	35 W	70	15.40
	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
[S65] Type III Medium 	102-0139	LED-8-16/8W-32W/True Amber-2200K	4192.3	43 W	NA/70	15.40
	102-0139_1	LED-8/8W/True Amber	289.1	8 W	NA	15.40
	102-0139_2	LED-16/32W/2200K	3903.2	35 W	70	15.40
	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
[S70] Type II Short 	102-0141	LED-8-16/8W-32W/True Amber-2200K	4101.2	43 W	NA/70	15.40
	102-0141_1	LED-8/8W/True Amber	282.8	8 W	NA	15.40
	102-0141_2	LED-16/32W/2200K	3818.4	35 W	70	15.40
	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]	102-0347	LED-8-16/8W-32W/True Amber-2200K	3773	43 W	NA/70	15.40
	102-0347_1	LED-8/8W/True Amber	260.2	8 W	NA	15.40

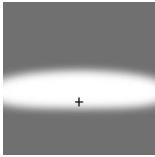
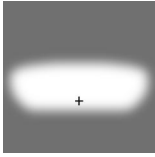
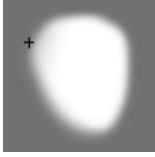
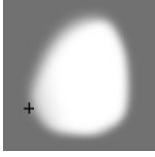
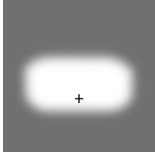
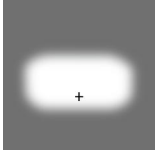
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Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	102-0347_2	LED-16/32W/2200K	3512.8	35 W	70	15.40
	102-0408	LED-8-16/8W-32W/PC Amber-3000K	4488.5	44.5 W	60/80	7.00
	102-0408_1	LED-8/8W/PC Amber	715.6	9.5 W	60	7.00
	102-0408_2	LED-16/32W/3000K	3773	35 W	80	7.00
asymmetric, side throw beam [S66] 	102-0345	LED-8-16/8W-32W/True Amber-2200K	4164.6	43 W	NA/70	15.40
	102-0345_1	LED-8/8W/True Amber	287.2	8 W	NA	15.40
	102-0345_2	LED-16/32W/2200K	3877.4	35 W	70	15.40
	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
	102-0407_2	LED-16/32W/3000K	4164.6	35 W	80	7.00
pedestrian crossing, left-hand traffic [P46L] 	102-0153	LED-8-16/8W-32W/True Amber-2200K	4420.2	43 W	NA/70	15.40
	102-0153_1	LED-8/8W/True Amber	304.8	8 W	NA	15.40
	102-0153_2	LED-16/32W/2200K	4115.4	35 W	70	15.40
	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] 	102-0151	LED-8-16/8W-32W/True Amber-2200K	4272.2	43 W	NA/70	15.40
	102-0151_1	LED-8/8W/True Amber	294.6	8 W	NA	15.40
	102-0151_2	LED-16/32W/2200K	3977.6	35 W	70	15.40
	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
	102-0405_2	LED-16/32W/3000K	4272.2	35 W	80	7.00
rectangular, side throw [R60] 	102-0143	LED-8-16/8W-32W/True Amber-2200K	4229.9	43 W	NA/70	15.40
	102-0143_1	LED-8/8W/True Amber	291.7	8 W	NA	15.40
	102-0143_2	LED-16/32W/2200K	3938.1	35 W	70	15.40
	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] 	102-0409	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]	102-0149	LED-8-16/8W-32W/True Amber-2200K	3867.2	43 W	NA/70	15.40

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AFL120-WL LED

Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	102-0149_1	LED-8/8W/True Amber	266.7	8 W	NA	15.40
	102-0149_2	LED-16/32W/2200K	3600.5	35 W	70	15.40
	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

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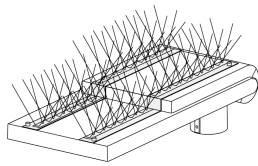
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Mounting Accessories

Bird deterrent

Description	Part ID
Bird deterrent BD	430-0015

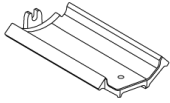


AFL120-WL LED

Street and Area Lighting

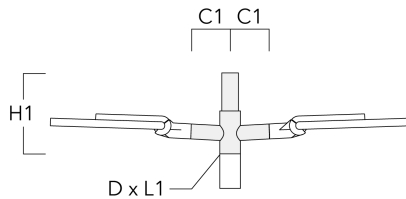
Adaptor

Description	Part ID
Adaptor AFL100	102-0392



Wall and pole brackets RE

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



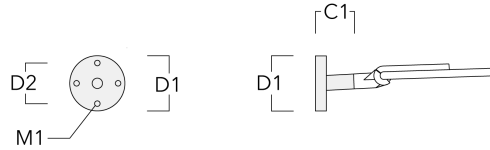
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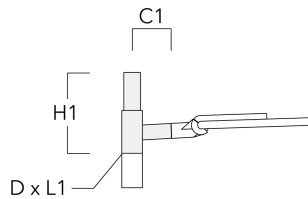
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Street and Area Lighting

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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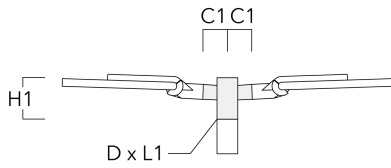
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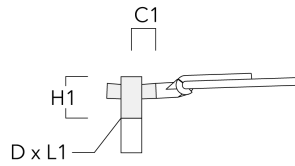
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Pole brackets RF

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

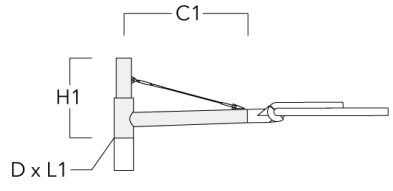


RF1-540 Pole bracket, single	111-0046	200	3 x 3	200	2.60
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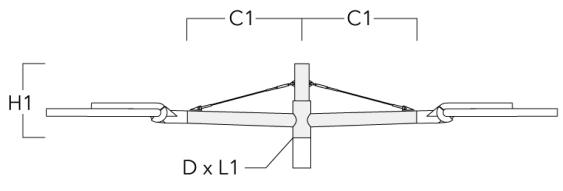


Wall and pole brackets RX

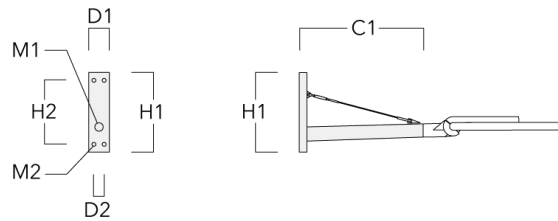
Description	Part ID	C1	D1	D2	D x L1	H1	H2	M1	M2	Weight (lb)
RX1-540 Pole bracket, single	111-0054	39.37			2.99 x 3.15	21.65				14.99



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][S66][R61][P66][Q66][A61] lenses. Must be specified at time of ordering.

