

102-0438

AFL110 LED

we-ef



Description

IP66, Class I. 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. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. DALI interface. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Suitable for using as post top or side entry version. Recommend to be specified at time of ordering.

Optional spigot adaptor Ø 60 x 100 mm or 42 x 100 mm available; refer to accessory listings.

Weight	4,70 kg
Light distribution	pedestrian/bicycle lane [P66]
Light source	LED-8/8W / 350 mA - 2200K
CRI	70
Power supply	EC
LEDs	8
Rated input power	9.5 W

Nominal Lumen (lm)

LED Lumen	145
Total Lumen	1160
Tj	85

Rated lumens (lm)

LED Lumen	123.2
Total Lumen	985.9
Ta	25

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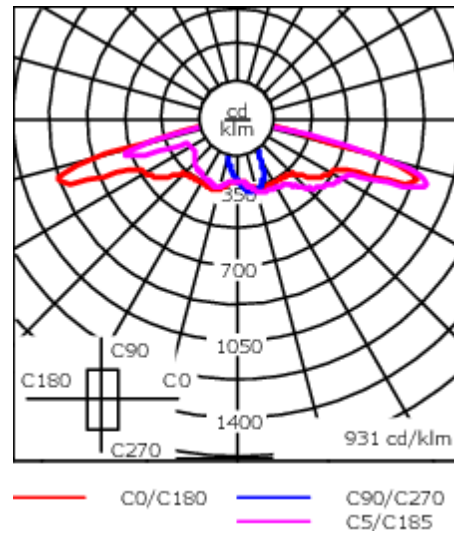
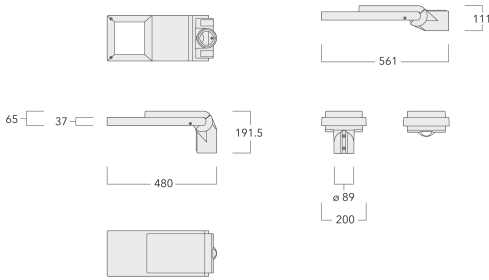
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Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflective safety glass lens
Colours	 RAL9004 Signal black  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	CCG [®] Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.092 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° L90B10 > 90000h
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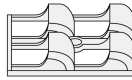
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Optical Accessories

Backlight shield

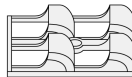
Description	Part ID	Additional information
Backlight shield LS180	102-0395-8LED	Glare Shield for backlight spill. Suitable for AFL110 8 LED [S61], [S66], [R61], [P66] [Q66], [A61] lenses. Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering.



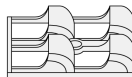
Backlight shield LS180	102-0395-16LED	Glare Shield for backlight spill. Suitable for AFL110 16 LED [S61], [S66], [R61], [P66] [Q66], [A61] lenses. Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering.
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Description	Part ID	Additional information
Backlight shield LS180	102-0959-8LED	Glare Shield for backlight spill. Suitable for AFL110 8 LED [S65] [R60] lenses. Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering.



Backlight shield LS180	102-0959-16LED	Glare Shield for backlight spill. Suitable for AFL110 16 LED [S65] [R60] lenses. Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering.
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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

Eco Step Dim

Description	Part ID
Eco Step Dim® Advanced LED	430-0002

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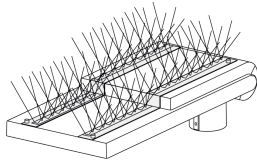
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Mounting Accessories

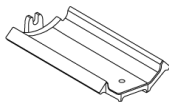
Bird deterrent

Description	Part ID
Bird deterrent BD	430-0015



Adaptor

Description	Part ID
Adaptor AFL100	102-0392



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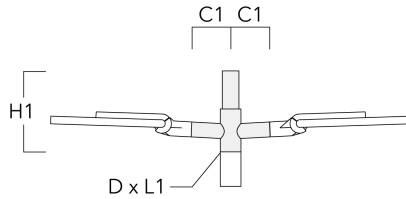
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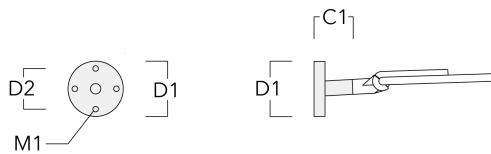
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Wall and pole brackets RE

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



Wall bracket RE0-540	111-0084	180	230	195		12	3.20	
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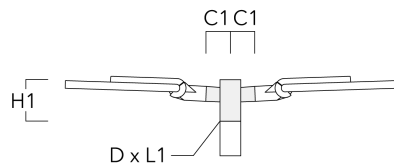
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Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (kg)
RE1-540 Pole bracket, single	111-0042	200			76 x 130	500		4.60



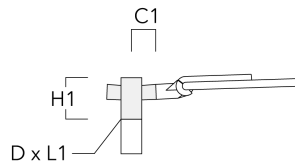
Pole brackets RF

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



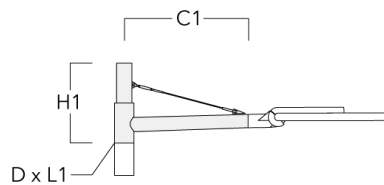
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Description	Part ID	C1	D × L1	H1	Weight (kg)
RF1-540 Pole bracket, single	111-0046	200	76 x 80	200	2.60



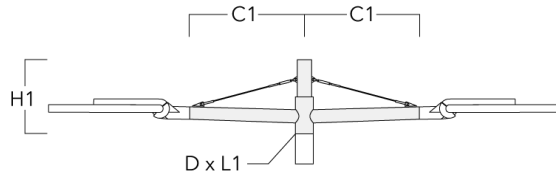
Wall and pole brackets RX

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



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Description	Part ID	C1	D1	D2	D × 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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