



### 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.

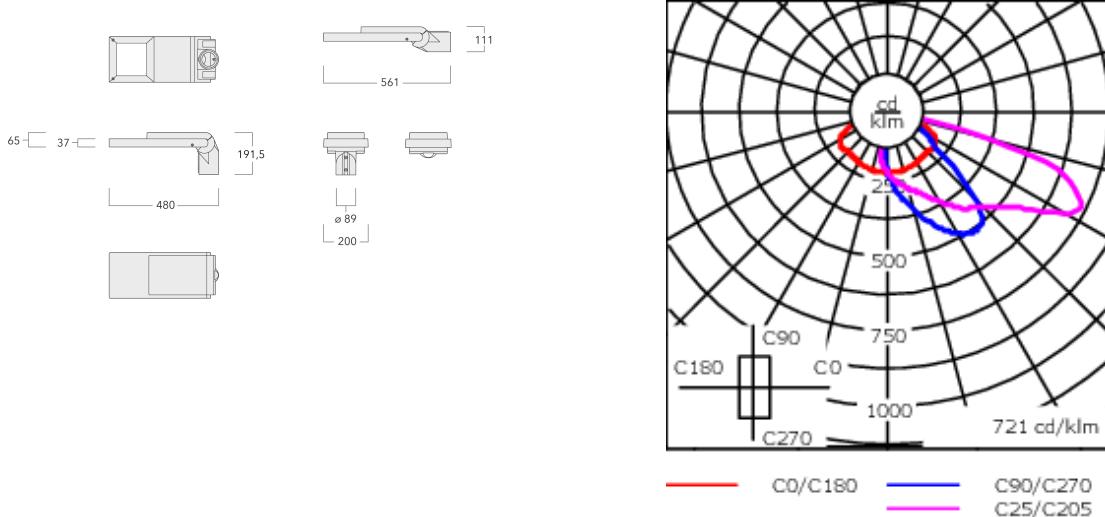
Spigot Ø 76 x 100 mm. Spigot Ø 60 x 100 mm or 42 x 100 mm option available. Must be indicated during order placement.

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

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

Weight	4,70 kg
Light distribution	asymmetric, side throw [S61]
Light source	LED-8/8W / 350 mA - 4000K
CRI	80
Power supply	EC
LEDs	8
Rated input power	9.5 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	170
Total Lumen	1360
T <sub>j</sub>	85
<b>Rated lumens (lm)</b>	
LED Lumen	155.6
Total Lumen	1244.9
T <sub>a</sub>	25

## AFL110 LED



## Specifications

## Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflective safety glass lens
Colours	<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: 20px; background-color: black; border-radius: 50%;"></span>  RAL9004 Signal black       </div> <div style="text-align: center;"> <span style="display: inline-block; width: 20px; height: 20px; background-color: #e0e0e0; border-radius: 50%;"></span>  RAL9006 White aluminium       </div> <div style="text-align: center;"> <span style="display: inline-block; width: 20px; height: 20px; background-color: #808080; border-radius: 50%;"></span>  RAL9007 Grey aluminium       </div> </div>
Gasket	CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE+Primer
Windage	0.092 m <sup>2</sup>

## 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	T <sub>a</sub> =40° L90B10 > 100000h
----------	--------------------------------------

## Control

### Eco Step Dim® Advanced

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

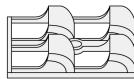
### R2C Ready to Connect

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

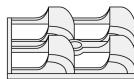
## Optical Accessories

### Backlight shield

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.



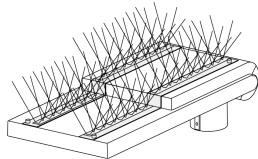
Backlight shield LS180	102-0959-16LED	Glare Shield for backlight spill. Suitable for AFL110 16 LED [S65][R60] lenses. Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering.
------------------------	----------------	--



## Mounting Accessories

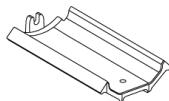
### Bird deterrent

Description	Part ID
Bird deterrent BD	430-0015



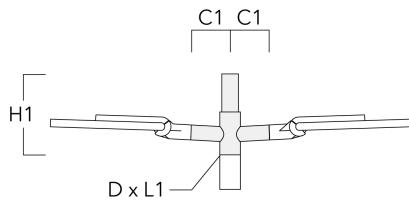
### Adaptor

Description	Part ID
Adaptor AFL100	102-0392

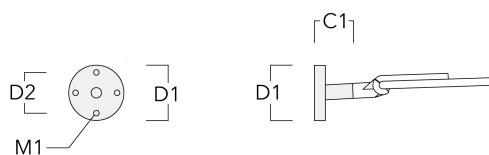


**Wall and pole brackets RE**

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

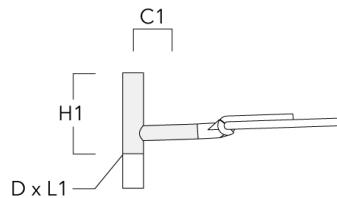


RE0-540 Wall bracket	111-0084	180	230	195	12	3.20
----------------------	----------	-----	-----	-----	----	------

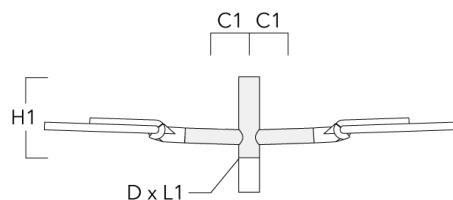


## AFL110 LED

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

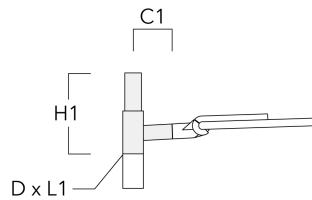


Pole bracket RE2, double for mounting on AML-A poles	111-9023	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320			76 x 76	550		7.20
--	----------	--	-----	--	--	---------	-----	--	------



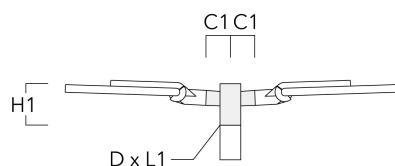
## AFL110 LED

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



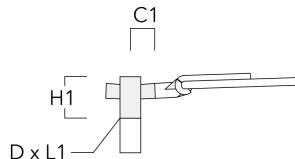
## Pole brackets RF

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



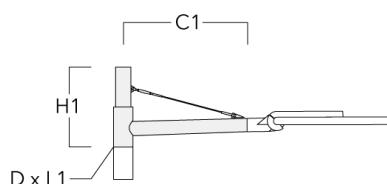
## AFL110 LED

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



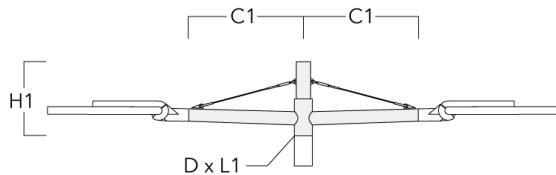
## Wall and pole brackets RX

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



## AFL110 LED

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
----------------------	----------	------	-----	-----	-----	-----	----	----	------

