



### Description

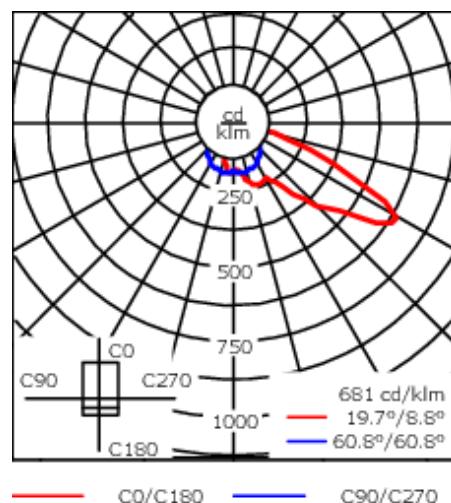
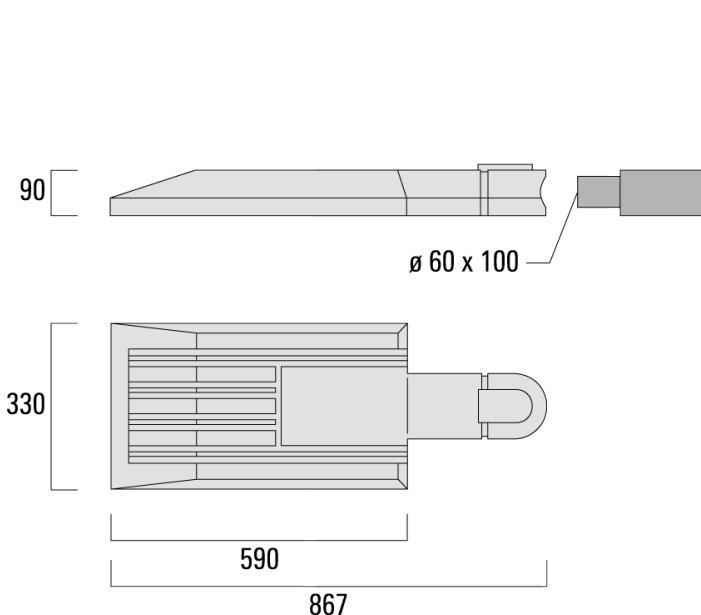
IP66, Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Silicone CCG® Controlled Compression Gasket. PMMA RFC® Reflection Free Contour technology. LED board can be easily removed to upgrade. CAD-optimised OLC® PMMA lens for superior illumination and glare control. DALI.

Optional: Side Entry (see Mounting Accessories)

A professional lighting design in consultation with the relevant sections of AS/NZS-1158.4:2015 is essential for all applications with the [P45] lens.

Weight	15.00 kg
Light distribution	asymmetric, forward throw [A60]
Light source	LED-48/144W / 1050 mA - 4000 K
CRI	80
Power supply	EC
LEDs	48
Rated input power	154 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	450
Total Lumen	21600
T <sub>j</sub>	85
<b>Rated lumens (lm)</b>	
LED Lumen	370.9
Total Lumen	17803.5
T <sub>a</sub>	25

## PFL540-SE LED

**Specifications****Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	PMMA RFC® Reflection Free Contour technology
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: 1px solid black;"></span> </div> <div>RAL9004 Signal black</div> </div> <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: #c0c0c0; border: 1px solid black;"></span> </div> <div>RAL9006 White aluminium</div> </div> <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: #a0a0a0; border: 1px solid black;"></span> </div> <div>RAL9007 Grey aluminium</div> </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware (unpainted)
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE+Primer

**Electrical description**

Power supply	230V / 50 Hz
Driver / Ballast	Integral EC electronic converter. DALI
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**

Warranty	The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on <a href="http://www.we-ef.com">www.we-ef.com</a> for further details.
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## Control

### Eco Step Dim® Basic

Description	Part ID
Eco Step Dim® Basic LED	430-0001

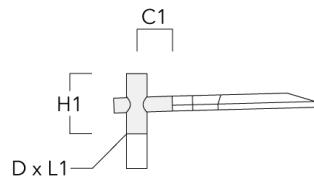
### Eco Step Dim® Advanced

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

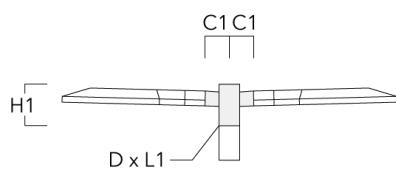
## Mounting Accessories

### Pole brackets RF

Description	Part ID	C1	D x L1	H1	Weight(kg)	C	H
RF1-540 Pole bracket, single	111-0046	200	76 x 80	200	2.60	200	300

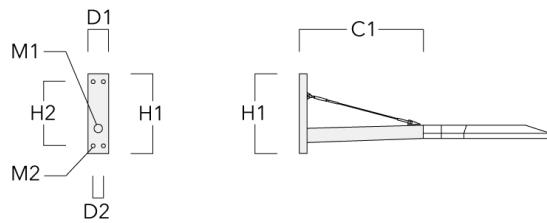


RF2-540 Pole bracket, double	111-0047	200	76 x 80	200	3.30	200	300
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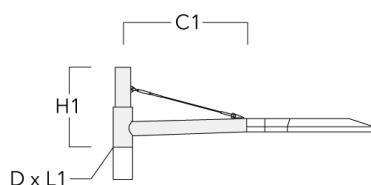


**Wall and pole brackets RX**

Description	Part ID	C1	D1	D2	D x L1	H1	H2	M1	M2	Weight(kg)
RX0-540 Wall bracket	111-0086	1000	140	100		450	385	30	12	5.20

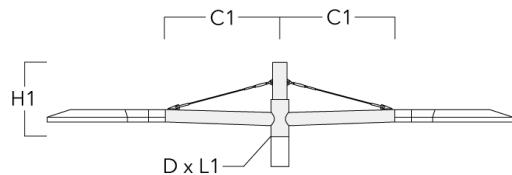


RX1-540 Pole bracket, single	111-0054	1000	76 x 130	550	6.80
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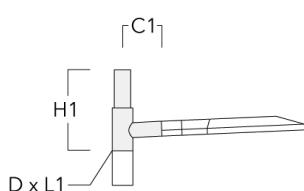
## PFL540-SE LED

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



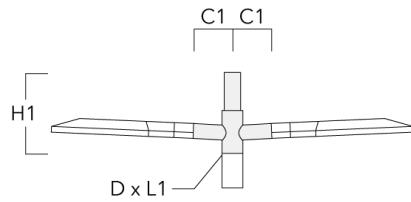
## Wall and pole brackets RE

Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight(kg)	C	H
RE1-540 Pole bracket, single	111-0042	200			76 x 130	550		4.60	200	550

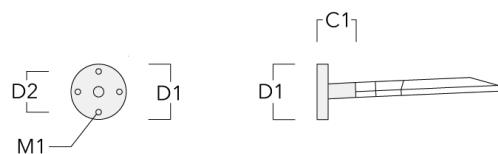


## PFL540-SE LED

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

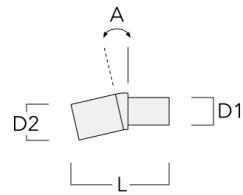


RE0-540 Wall bracket	111-0084	180	230	195		12	3.20		140
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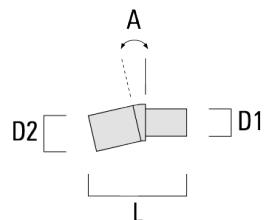


**Tilt brackets TB**

Description	Part ID	A	D1	D2	L	Weight(kg)
TB-540.60-10 Tilt bracket 10°	111-0636	10°	60 x 90	60 x 100	205	0.70



TB-540.60-15 Tilt bracket 15°	111-0637	15°	60 x 90	60 x 100	205	0.70
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## Optical Accessories

### Light shield

Description	Part ID	Additional information
LS180-[A60]	003-4018	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [A60] lenses. Must be specified at time of ordering.