

### Description

IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Non-reflecting safety glass lens, hinged. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral electronic converter with DALI interface. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Variant with 2200 K or as 'Wild-Light' 2200 K combined with 3000 K with Eco Step Dim® Advanced or Motion available on request, must be specified at time of ordering.

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

Including 0.5 m cable with a cable connector.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

# RFL540-SE LED

## Pole mounted

**we-ef**

Wild-Light options available on request.

**WE-EF LIGHTING (Thailand) Co., Ltd.**

57 Moo 5, Kingkaew Rd., Bangplee, 10540 Samutprakarn - Phone: +66 2 738 96 20 - Fax: +66 2 738 96 29

<https://we-ef.com/asia>

Subject to technical changes and errors. - Generated on 23/11/2024

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

---

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflecting safety glass lens, hinged
Colours	 RAL9004 Signal black  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.255 m <sup>2</sup>

---

**Electrical description**

---

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral electronic converter with DALI interface
Power factor	> 0.9

---

**Additional information**

---

Lifetime	Ta=25° L90B10 > 90000h
BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare

---

# RFL540-SE LED

**we-ef**

Pole mounted

## Options

### Light distribution



asymmetric, side throw [S60]



asymmetric, side throw [S70]



asymmetric, forward throw [A60]



asymmetric, side throw [S65]



rectangular, side throw [R65]



pedestrian crossing, left-hand traffic [P45L]



pedestrian crossing, right-hand traffic [P45R]

### Colour temperature



3000 K



4000 K



2700 K

### Nominal Watt

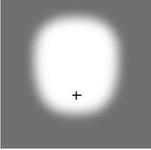
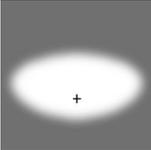
12 W

92 W

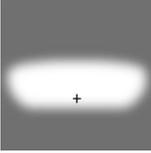
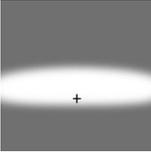
48 W

62 W

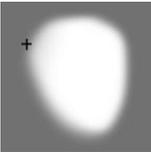
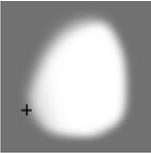
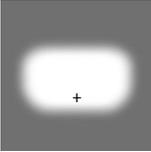
**Configurations**

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	111-0283	LED-36/72W / 700 mA - 3000 K	8675.2	79 W	80	15.00
	111-0285	LED-48/96W / 700 mA - 3000 K	11566.9	105.5 W	80	15.00
	111-0357	LED-36/72W / 700 mA - 4000 K	9273.5	79 W	80	15.00
	111-0359	LED-48/96W / 700 mA - 4000 K	12364.6	105.5 W	80	15.00
	111-0428	LED-36/36W / 350 mA - 4000 K	5353.1	39 W	80	15.00
	111-0429	LED-48/48W / 350 mA - 4000 K	7137.5	52 W	80	15.00
	111-0491	LED-36/36W / 350 mA - 3000 K	4880.8	39 W	80	15.00
	111-0493	LED-48/48W / 350 mA - 3000 K	6507.7	52 W	80	15.00
	111-0920	LED-36/108W / 1050 mA - 3000 K	13770.7	119 W	80	15.00
	111-0921	LED-36/108W / 1050 mA - 4000 K	14411.2	119 W	80	15.00
	111-0930	LED-48/144W / 1050 mA - 3000 K	18361	159 W	80	15.00
	111-0931	LED-48/144W / 1050 mA - 4000 K	19215	159 W	80	15.00
	111-1080	LED-36/36W / 350 mA - 2700 K	4565.9	39 W	80	15.00
	111-1081	LED-36/72W / 700 mA - 2700 K	8076.9	79 W	80	15.00
	111-1082	LED-36/108W / 1050 mA - 2700 K	13130.2	119 W	80	15.00
	111-1083	LED-48/48W / 350 mA - 2700 K	6087.8	52 W	80	15.00
	111-1084	LED-48/96W / 700 mA - 2700 K	10769.2	105.5 W	80	15.00
	111-1085	LED-48/144W / 1050 mA - 2700 K	17507	159 W	80	15.00
asymmetric, side throw [S60] 	111-0188	LED-48/96W / 700 mA - 3000 K	12507.7	105.5 W	80	15.00
	111-0190	LED-36/72W / 700 mA - 3000 K	9380.8	79 W	80	15.00
	111-0341	LED-36/72W / 700 mA - 4000 K	10027.7	79 W	80	15.00
	111-0343	LED-48/96W / 700 mA - 4000 K	13370.3	105.5 W	80	15.00
	111-0420	LED-36/36W / 350 mA - 4000 K	5673	39 W	80	15.00
	111-0421	LED-48/48W / 350 mA - 4000 K	7563.9	52 W	80	15.00
	111-0475	LED-36/36W / 350 mA - 3000 K	5172.4	39 W	80	15.00
	111-0477	LED-48/48W / 350 mA - 3000 K	6896.5	52 W	80	15.00
	111-0924	LED-36/108W / 1050 mA - 3000 K	14351.5	119 W	80	15.00
	111-0925	LED-36/108W / 1050 mA - 4000 K	15019.1	119 W	80	15.00
	111-0934	LED-48/144W / 1050 mA - 3000 K	19135.4	159 W	80	15.00
	111-0935	LED-48/144W / 1050 mA - 4000 K	20025.4	159 W	80	15.00
	111-1056	LED-36/36W / 350 mA - 2700 K	4838.7	39 W	80	15.00
	111-1057	LED-36/72W / 700 mA - 2700 K	8733.8	79 W	80	15.00
	111-1058	LED-36/108W / 1050 mA - 2700 K	13684	119 W	80	15.00
	111-1059	LED-48/48W / 350 mA - 2700 K	6451.6	52 W	80	15.00
	111-1060	LED-48/96W / 700 mA - 2700 K	11645.1	105.5 W	80	15.00

## Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	111-1061	LED-48/144W / 1050 mA - 2700 K	18245.4	159 W	80	15.00
asymmetric, side throw [S65]	111-0422	LED-36/36W / 350 mA - 4000 K	5679.2	39 W	80	15.00
	111-0422-70	LED-36/36W / 350 mA - 4000 K	6347.4	39 W	70	15.00
	111-0423	LED-36/72W / 700 mA - 4000 K	10044.1	79 W	80	15.00
	111-0424	LED-48/48W / 350 mA - 4000 K	7572.3	52 W	80	15.00
	111-0425	LED-48/96W / 700 mA - 4000 K	13392.2	105.5 W	80	15.00
	111-0479	LED-36/36W / 350 mA - 3000 K	5178.1	39 W	80	15.00
	111-0481	LED-36/72W / 700 mA - 3000 K	9396.1	79 W	80	15.00
	111-0483	LED-48/48W / 350 mA - 3000 K	6904.2	52 W	80	15.00
	111-0485	LED-48/96W / 700 mA - 3000 K	12528.2	105.5 W	80	15.00
	111-0926	LED-36/108W / 1050 mA - 3000 K	14417	119 W	80	15.00
	111-0927	LED-36/108W / 1050 mA - 4000 K	15087.5	119 W	80	15.00
	111-0936	LED-48/144W / 1050 mA - 3000 K	19222.6	159 W	80	15.00
	111-0937	LED-48/144W / 1050 mA - 4000 K	20116.7	159 W	80	15.00
	111-1062	LED-36/36W / 350 mA - 2700 K	4844.1	39 W	80	15.00
	111-1063	LED-36/72W / 700 mA - 2700 K	8748.1	79 W	80	15.00
	111-1064	LED-36/108W / 1050 mA - 2700 K	13746.4	119 W	80	15.00
	111-1065	LED-48/48W / 350 mA - 2700 K	6458.8	52 W	80	15.00
	111-1066	LED-48/96W / 700 mA - 2700 K	11664.1	105.5 W	80	15.00
	111-1067	LED-48/144W / 1050 mA - 2700 K	18328.6	159 W	80	15.00
asymmetric, side throw [S70]	111-0218	LED-48/96W / 700 mA - 3000 K	11936.2	105.5 W	80	15.00
	111-0228	LED-36/72W / 700 mA - 3000 K	8952.2	79 W	80	15.00
	111-0349	LED-36/72W / 700 mA - 4000 K	9569.6	79 W	80	15.00
	111-0351	LED-48/96W / 700 mA - 4000 K	12759.4	105.5 W	80	15.00
	111-0426	LED-36/36W / 350 mA - 4000 K	5510.1	39 W	80	15.00
	111-0427	LED-48/48W / 350 mA - 4000 K	7346.8	52 W	80	15.00
	111-0487	LED-36/36W / 350 mA - 3000 K	5023.9	39 W	80	15.00
	111-0489	LED-48/48W / 350 mA - 3000 K	6698.6	52 W	80	15.00
	111-0928	LED-36/108W / 1050 mA - 3000 K	13815.4	119 W	80	15.00
	111-0929	LED-36/108W / 1050 mA - 4000 K	14458	119 W	80	15.00
	111-0938	LED-48/144W / 1050 mA - 3000 K	18420.5	159 W	80	15.00
	111-0939	LED-48/144W / 1050 mA - 4000 K	19277.3	159 W	80	15.00
	111-1068	LED-36/36W / 350 mA - 2700 K	4699.8	39 W	80	15.00
	111-1069	LED-36/72W / 700 mA - 2700 K	8334.8	79 W	80	15.00
	111-1070	LED-36/108W / 1050 mA - 2700 K	13172.8	119 W	80	15.00
	111-1071	LED-48/48W / 350 mA - 2700 K	6266.4	52 W	80	15.00

## Pole mounted

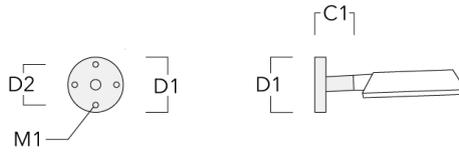
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	111-1072	LED-48/96W / 700 mA - 2700 K	11113.1	105.5 W	80	15.00
	111-1073	LED-48/144W / 1050 mA - 2700 K	17563.7	159 W	80	15.00
pedestrian crossing, left-hand traffic [P45L] 	111-0888	LED-36/72W / 700 mA - 3000 K	8904.7	79 W	80	15.00
	111-0889	LED-36/72W / 700 mA - 4000 K	9518.8	79 W	80	15.00
	111-0892	LED-48/96W / 700 mA - 3000 K	11872.9	105.5 W	80	15.00
	111-0893	LED-48/96W / 700 mA - 4000 K	12691.8	105.5 W	80	15.00
pedestrian crossing, right-hand traffic [P45R] 	111-0890	LED-36/72W / 700 mA - 3000 K	8765.7	79 W	80	15.00
	111-0891	LED-36/72W / 700 mA - 4000 K	9370.3	79 W	80	15.00
	111-0894	LED-48/96W / 700 mA - 3000 K	11687.6	105.5 W	80	15.00
	111-0895	LED-48/96W / 700 mA - 4000 K	12493.7	105.5 W	80	15.00
	111-1086	LED-36/72W / 700 mA - 2700 K	8161.2	79 W	80	15.00
	111-1087	LED-48/96W / 700 mA - 2700 K	10881.6	105.5 W	80	15.00
rectangular, side throw [R65] 	111-0430	LED-36/36W / 350 mA - 4000 K	5341.8	39 W	80	15.00
	111-0431	LED-36/72W / 700 mA - 4000 K	9252.8	79 W	80	15.00
	111-0432	LED-48/48W / 350 mA - 4000 K	7122.4	52 W	80	15.00
	111-0433	LED-48/96W / 700 mA - 4000 K	12337.1	105.5 W	80	15.00
	111-0495	LED-36/36W / 350 mA - 3000 K	4870.5	39 W	80	15.00
	111-0497	LED-36/72W / 700 mA - 3000 K	8655.9	79 W	80	15.00
	111-0499	LED-48/48W / 350 mA - 3000 K	6494	52 W	80	15.00
	111-0501	LED-48/96W / 700 mA - 3000 K	11541.2	105.5 W	80	15.00
	111-0922	LED-36/108W / 1050 mA - 3000 K	13586.1	119 W	80	15.00
	111-0923	LED-36/108W / 1050 mA - 4000 K	14218	119 W	80	15.00
	111-0932	LED-48/144W / 1050 mA - 3000 K	18114.8	159 W	80	15.00
	111-0933	LED-48/144W / 1050 mA - 4000 K	18957.3	159 W	80	15.00
	111-1074	LED-36/36W / 350 mA - 2700 K	4556.3	39 W	80	15.00
	111-1075	LED-36/72W / 700 mA - 2700 K	8058.9	79 W	80	15.00
	111-1076	LED-36/108W / 1050 mA - 2700 K	12954.2	119 W	80	15.00
	111-1077	LED-48/48W / 350 mA - 2700 K	6075	52 W	80	15.00
	111-1078	LED-48/96W / 700 mA - 2700 K	10745.2	105.5 W	80	15.00
	111-1079	LED-48/144W / 1050 mA - 2700 K	17272.2	159 W	80	15.00

Pole mounted

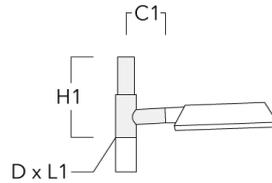
**Mounting Accessories**

**Wall and pole brackets RE**

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight(kg)	C	H
Wall bracket RE0-540	111-0084		180	230	195			12	2.60	140	



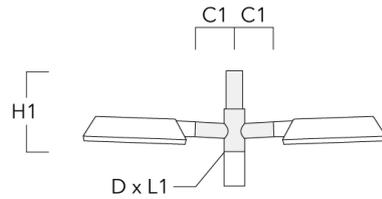
Pole bracket RE1-540, single	111-0042		200			76 x 130	550		7.30	200	550
------------------------------	----------	--	-----	--	--	----------	-----	--	------	-----	-----



# RFL540-SE LED

## Pole mounted

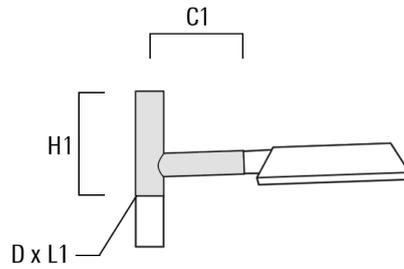
Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Pole bracket RE2-540, double	111-0043		200			76 x 130	550		8.40	200	550



# RFL540-SE LED

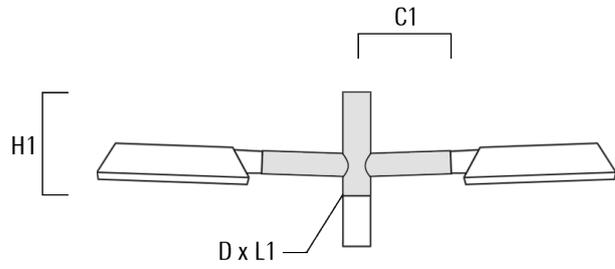
## Pole mounted

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
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		



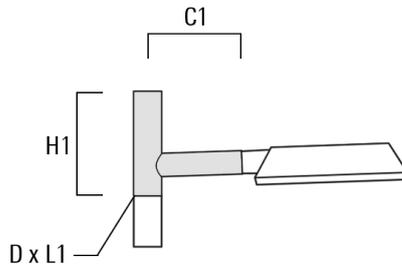
**Pole mounted**

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
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		



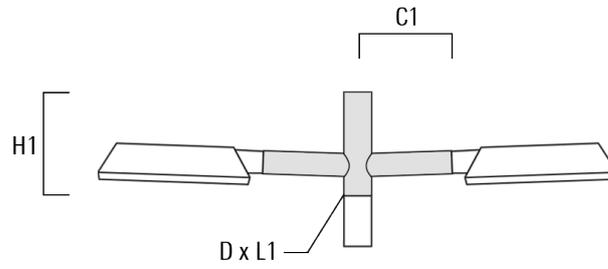
**Pole mounted**

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Pole bracket RE1, single for mounting on AMW poles	111-9012	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320			(102 x 80) + (76 x 100)	590		7.50		



**Pole mounted**

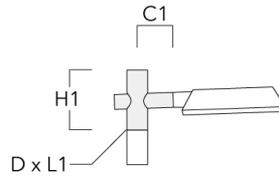
Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Pole bracket RE2, double for mounting on AMW poles	111-9013	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320			(102 x 80) + (76 x 100)	590		8.60		



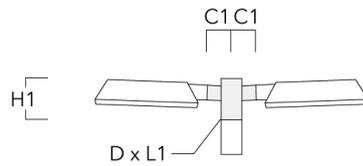
**Pole mounted**

**Pole brackets RF**

Description	Part ID	Additional information	C1	D × L1	H1	Weight(kg)	C	H
Pole bracket RF1-540, single	111-0046		200	76 x 80	200	5.60	200	300

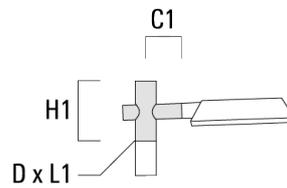


Pole bracket RF2-540, double	111-0047		200	3 x 3	200	6.20	200	300
------------------------------	----------	--	-----	-------	-----	------	-----	-----



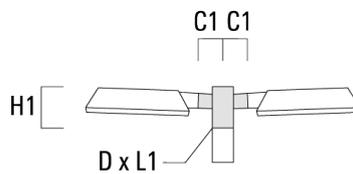
**Pole mounted**

Description	Part ID	Additional information	C1	D × L1	H1	Weight (kg)	C	H
Pole bracket RF1, single for mounting on AMW poles	111-9010	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320	(102 x 80) + (76 x 100)	340	5.80		



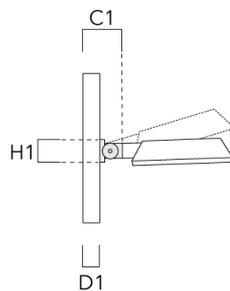
**Pole mounted**

Description	Part ID	Additional information	C1	D × L1	H1	Weight (kg)	C	H
Pole bracket RF2, double for mounting on AMW poles	111-9011	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320	(102 x 80) + (76 x 100)	340	6.40		



**Wall and pole brackets RI**

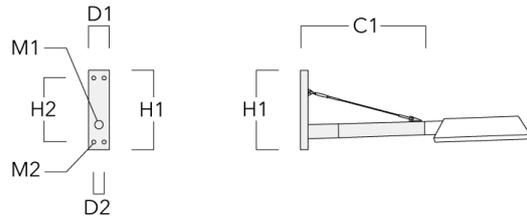
Description	Part ID	C1	D1	H1	Weight (kg)	D	H
Wall and pole bracket RI-540	111-0179	212-255	102-133	127	1.85	102-133	110



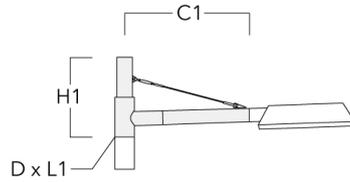
**Pole mounted**

**Wall and pole brackets RX**

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



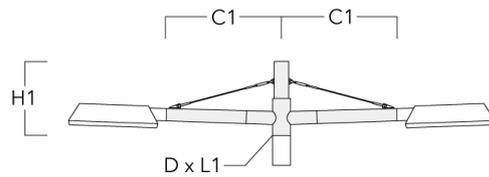
RX1-540 Pole bracket, single	111-0054	1000			76 x 130	550				6.80
------------------------------	----------	------	--	--	----------	-----	--	--	--	------



# RFL540-SE LED

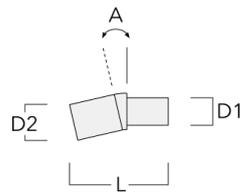
## Pole mounted

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



## Tilt brackets TB

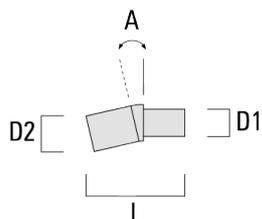
Description	Part ID	A	D1	D2	L	Weight (kg)
TB-540.60-10 Tilt bracket 10°	111-0636	10°	60 x 90	60 x 100	205	0.70



# RFL540-SE LED

## Pole mounted

Description	Part ID	A	D1	D2	L	Weight (kg)
TB-540.60-15 Tilt bracket 15°	111-0637	15°	60 x 90	60 x 100	205	0.70



# RFL540-SE LED

Pole mounted

**we-ef**

## Control

### R2C Ready to Connect

Description	Part ID
R2C Ready to Connect (top)	430-0019

**WE-EF LIGHTING (Thailand) Co., Ltd.**

57 Moo 5, Kingkaew Rd., Bangplee, 10540 Samutprakarn - Phone: +66 2 738 96 20 - Fax: +66 2 738 96 29

<https://we-ef.com/asia>

Subject to technical changes and errors. - Generated on 23/11/2024