

### Description




The RFL530-SE LED features an elegant round shape, designed for side entry installation on poles, seamlessly blending into urban landscapes by day and night. Constructed from marine-grade die-cast aluminium with an IP66 rating, 5CE + Primer protection, and stainless steel fixings with PCS hardware, this durable luminaire withstands tough conditions and ensures longevity. Its consistent design language enhances both historical and modern settings, providing optimised, standard-compliant light distribution for various urban situations, ensuring visual comfort and sustainability. Equipped with WE-EF's IOS® Innovative Optical System and OLC® (One LED Concept), the RFL530-SE LED delivers high efficiency and exceptional light quality. A broad selection of LED lens types enhances its versatility for multiple applications. Factory-sealed for easy installation.

The luminaire can be configured to meet diverse application needs, with a vast range of proprietary optics, colour temperatures, wattages, lumen outputs, finish colours, and control options.

An optional 2200 K version is available for a maximum of 1050mA, to be specified at the time of ordering. If your desired configuration is not listed, please reach out to us with your customisation request.

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

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Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflecting safety glass lens, hinged
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware (unpainted)
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE+Primer
Windage	0.166 m <sup>2</sup>

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**Electrical description**

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Power supply	230V / 50 Hz
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.

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**Additional information**

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Lifetime	Ta=40° L90B10 > 90000h
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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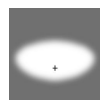
# RFL530-SE LED

Pole mounted

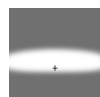
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## Options

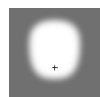
### Light distribution



asymmetric, side throw [S60]



asymmetric, side throw [S70]



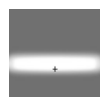
asymmetric, forward throw [A60]



asymmetric, side throw [S65]



rectangular, side throw [R65]



pedestrian/bicycle lane [P65]

### Colour temperature



3000 K



4000 K



2700 K

### Nominal Watt

33 W

61 W

15 W

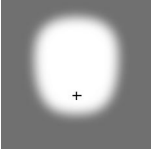
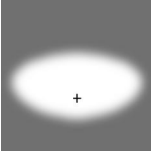

32 W

18 W

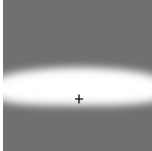
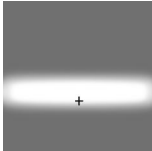
72 W

81 W

**Configurations**

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	111-0275	LED-12/24W / 700 mA - 3000 K	2891.7	27 W	80	9.30
	111-0277	LED-24/48W / 700 mA - 3000 K	5783.5	54 W	80	9.30
	111-0353	LED-12/24W / 700 mA - 4000 K	3091.2	27 W	80	9.30
	111-0355	LED-24/48W / 700 mA - 4000 K	6182.3	54 W	80	9.30
	111-0414	LED-12/12W / 350 mA - 4000 K	1784.4	13.9 W	80	9.30
	111-0415	LED-24/24W / 350 mA - 4000 K	3568.7	26.5 W	80	9.30
	111-0455	LED-12/12W / 350 mA - 3000 K	1626.9	13.9 W	80	9.30
	111-0457	LED-24/24W / 350 mA - 3000 K	3253.8	26.5 W	80	9.30
	111-0908	LED-24/72W / 1050 mA - 3000 K	9180.5	81 W	80	9.30
	111-0909	LED-24/72W / 1050 mA - 4000 K	9607.5	81 W	80	9.30
	111-1046	LED-12/12W / 350 mA - 2700 K	1522	13.9 W	80	9.30
	111-1047	LED-12/24W / 700 mA - 2700 K	2692.3	27 W	80	9.30
	111-1048	LED-24/24W / 350 mA - 2700 K	3043.9	26.5 W	80	9.30
	111-1049	LED-24/48W / 700 mA - 2700 K	5384.6	54 W	80	9.30
asymmetric, side throw [S60] 	111-0192	LED-12/24W / 700 mA - 3000 K	3126.9	27 W	80	9.30
	111-0193	LED-24/48W / 700 mA - 3000 K	6253.8	54 W	80	9.30
	111-0337	LED-12/24W / 700 mA - 4000 K	3342.6	27 W	80	9.30
	111-0339	LED-24/48W / 700 mA - 4000 K	6685.1	54 W	80	9.30
	111-0406	LED-12/12W / 350 mA - 4000 K	1891	13.9 W	80	9.30
	111-0407	LED-24/24W / 350 mA - 4000 K	3782	26.5 W	80	9.30
	111-0447	LED-12/12W / 350 mA - 3000 K	1724.1	13.9 W	80	9.30
	111-0449	LED-24/24W / 350 mA - 3000 K	3448.3	26.5 W	80	9.30
	111-0914	LED-24/72W / 1050 mA - 3000 K	9567.7	81 W	80	9.30
	111-0915	LED-24/72W / 1050 mA - 4000 K	10012.7	81 W	80	9.30
	111-1026	LED-12/12W / 350 mA - 2700 K	1612.9	13.9 W	80	9.30
	111-1027	LED-12/24W / 700 mA - 2700 K	2911.3	27 W	80	9.30
	111-1028	LED-24/24W / 350 mA - 2700 K	3225.8	26.5 W	80	9.30
	111-1029	LED-24/48W / 700 mA - 2700 K	5822.5	54 W	80	9.30
asymmetric, side throw [S65] 	111-1030	LED-24/72W / 1050 mA - 2700 K	9122.7	81 W	80	9.30
	111-0408	LED-12/12W / 350 mA - 4000 K	1893.1	13.9 W	80	9.30
	111-0409	LED-12/24W / 700 mA - 4000 K	3348	27 W	80	9.30
	111-0410	LED-24/24W / 350 mA - 4000 K	3786.2	26.5 W	80	9.30
	111-0411	LED-24/48W / 700 mA - 4000 K	6696.1	54 W	80	9.30
	111-0459	LED-12/12W / 350 mA - 3000 K	1726	13.9 W	80	9.30
	111-0461	LED-12/24W / 700 mA - 3000 K	3132	27 W	80	9.30

## Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	111-0463	LED-24/24W / 350 mA - 3000 K	3452.1	26.5 W	80	9.30
	111-0465	LED-24/48W / 700 mA - 3000 K	6264.1	54 W	80	9.30
	111-0916	LED-24/72W / 1050 mA - 3000 K	9611.3	81 W	80	9.30
	111-0917	LED-24/72W / 1050 mA - 4000 K	10058.4	81 W	80	9.30
	111-1031	LED-12/12W / 350 mA - 2700 K	1614.7	13.9 W	80	9.30
	111-1032	LED-12/24W / 700 mA - 2700 K	2916	27 W	80	9.30
	111-1033	LED-24/24W / 350 mA - 2700 K	3229.4	26.5 W	80	9.30
	111-1034	LED-24/48W / 700 mA - 2700 K	5832.1	54 W	80	9.30
	111-1035	LED-24/72W / 1050 mA - 2700 K	9164.3	81 W	80	9.30
	asymmetric, side throw [S70] 	111-0230	LED-12/24W / 700 mA - 3000 K	2984.1	27 W	80
111-0234		LED-24/48W / 700 mA - 3000 K	5968.1	54 W	80	9.30
111-0345		LED-12/24W / 700 mA - 4000 K	3189.9	27 W	80	9.30
111-0347		LED-24/48W / 700 mA - 4000 K	6379.7	54 W	80	9.30
111-0412		LED-12/12W / 350 mA - 4000 K	1836.7	13.9 W	80	9.30
111-0413		LED-24/24W / 350 mA - 4000 K	3673.4	26.5 W	80	9.30
111-0451		LED-12/12W / 350 mA - 3000 K	1674.6	13.9 W	80	9.30
111-0453		LED-24/24W / 350 mA - 3000 K	3349.3	26.5 W	80	9.30
111-0918		LED-24/72W / 1050 mA - 3000 K	9210.3	81 W	80	9.30
111-0919		LED-24/72W / 1050 mA - 4000 K	9638.6	81 W	80	9.30
pedestrian/bicycle lane [P65] 	111-0780	LED-12/12W / 350 mA - 3000 K	1687	13.9 W	80	9.30
	111-0791	LED-24/24W / 350 mA - 3000 K	3374	26.5 W	80	9.30
	111-0821	LED-12/12W / 350 mA - 4000 K	1850.2	13.9 W	80	9.30
	111-0822	LED-12/24W / 700 mA - 4000 K	3272.8	27 W	80	9.30
	111-0823	LED-24/24W / 350 mA - 4000 K	3700.5	26.5 W	80	9.30
	111-0824	LED-24/48W / 700 mA - 4000 K	6545.5	54 W	80	9.30
	111-0827	LED-12/24W / 700 mA - 3000 K	3061.6	27 W	80	9.30
	111-0828	LED-24/48W / 700 mA - 3000 K	6123.2	54 W	80	9.30
	111-0910	LED-24/72W / 1050 mA - 3000 K	9105.5	81 W	80	9.30
	111-0911	LED-24/72W / 1050 mA - 4000 K	9529	81 W	80	9.30
111-1051	LED-12/12W / 350 mA - 2700 K	1578.1	13.9 W	80	9.30	
111-1052	LED-12/24W / 700 mA - 2700 K	2850.5	27 W	80	9.30	
111-1053	LED-24/24W / 350 mA - 2700 K	3156.3	26.5 W	80	9.30	

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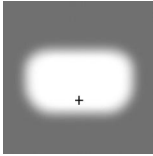
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Subject to technical changes and errors. - Generated on 23/11/2024

# RFL530-SE LED

## Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
 <p>rectangular, side throw [R65]</p>	111-1054	LED-24/48W / 700 mA - 2700 K	5700.9	54 W	80	9.30
	111-1055	LED-24/72W / 1050 mA - 2700 K	8682	81 W	80	9.30
	111-0416	LED-12/12W / 350 mA - 4000 K	1780.6	13.9 W	80	9.30
	111-0417	LED-12/24W / 700 mA - 4000 K	3084.3	27 W	80	9.30
	111-0418	LED-24/24W / 350 mA - 4000 K	3561.2	26.5 W	80	9.30
	111-0419	LED-24/48W / 700 mA - 4000 K	6168.6	54 W	80	9.30
	111-0467	LED-12/12W / 350 mA - 3000 K	1623.5	13.9 W	80	9.30
	111-0469	LED-12/24W / 700 mA - 3000 K	2885.3	27 W	80	9.30
	111-0471	LED-24/24W / 350 mA - 3000 K	3247	26.5 W	80	9.30
	111-0473	LED-24/48W / 700 mA - 3000 K	5770.6	54 W	80	9.30
	111-0912	LED-24/72W / 1050 mA - 3000 K	9057.4	81 W	80	9.30
	111-0913	LED-24/72W / 1050 mA - 4000 K	9478.6	81 W	80	9.30
	111-1041	LED-12/12W / 350 mA - 2700 K	1518.8	13.9 W	80	9.30
	111-1042	LED-12/24W / 700 mA - 2700 K	2686.3	27 W	80	9.30
	111-1043	LED-24/24W / 350 mA - 2700 K	3037.5	26.5 W	80	9.30
	111-1044	LED-24/48W / 700 mA - 2700 K	5372.6	54 W	80	9.30
	111-1045	LED-24/72W / 1050 mA - 2700 K	8636.1	81 W	80	9.30

# RFL530-SE LED

Pole mounted



## 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

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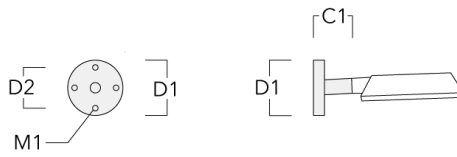
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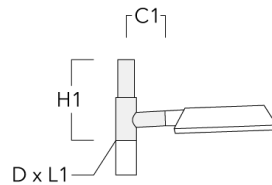
**Mounting Accessories**

**Wall and pole brackets RE**

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight(kg)	C	H
RE0-530 Wall Bracket	111-0052		180	230	195			12	2.90	120	



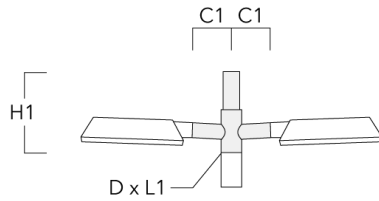
RE1-530 Pole bracket, single	111-0040		180			76 x 80	400		3.20	180	400
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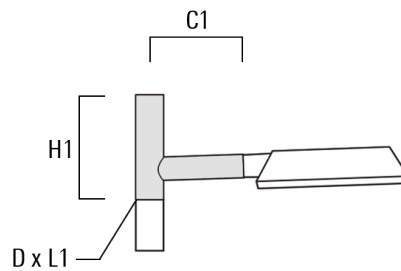


**Pole mounted**

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
RE2-530 Pole bracket, double	111-0041		180			76 x 80	400		3.60	180	400

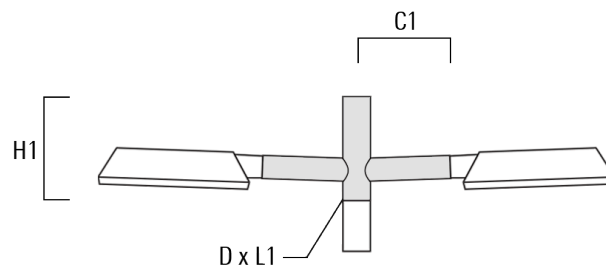


Pole bracket RE1, single for mounting on poles	111-9020	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	280			76 x 76	400		4.50		
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## Pole mounted

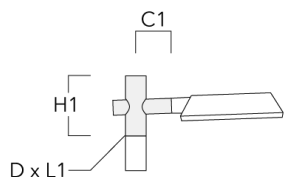
Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Pole bracket RE2, double for mounting on poles	111-9021	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	280			76 x 76	400		5.00		



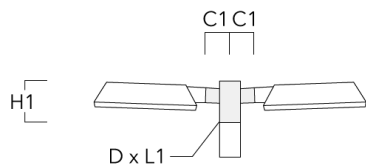
## Pole mounted

### Pole brackets RF

Description	Part ID	C1	D x L1	H1	Weight (kg)	C	H
RF1-530 Pole bracket, single	111-0044	190	76 x 80	275	2.30	190	275



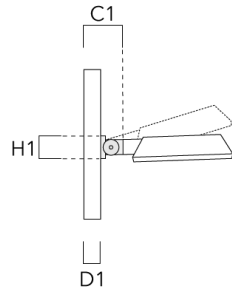
RF2-530 Pole bracket, double	111-0045	190	76 x 80	275	3.00	190	275
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**Pole mounted**

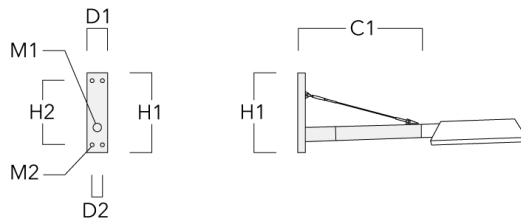
**Wall and pole brackets RI**

Description	Part ID	C1	D1	H1	Weight (kg)	D	H
RI-530 Wall and pole bracket	111-0178	184-255	76-133	127	1.85	102-133	96



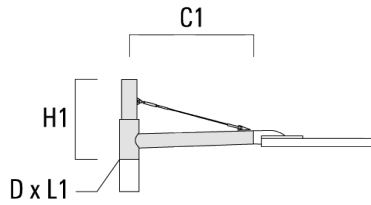
**Wall and pole brackets RX**

Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (kg)
RX0-530 Wall bracket	111-0053	710	140	100		350	285	30	12	3.30

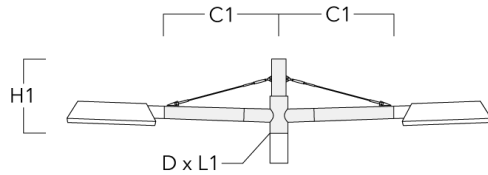


**Pole mounted**

Description	Part ID	C1	D1	D2	D x L1	H1	H2	M1	M2	Weight (kg)
RX1-530 Pole bracket, single	111-0088	710			76 x 80	400				4.50

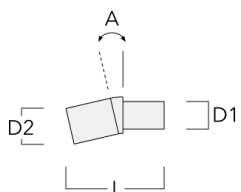


RX2-530 Pole bracket, double	111-0089	710			76 x 80	400				6.20
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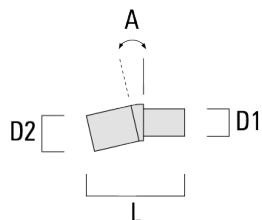


**Pole mounted****Tilt brackets TB**

Description	Part ID	A	D1	D2	L	Weight (kg)
TB-530.42-10 Tilt bracket 10°	111-0639	10°	42 x 90	42 x 100	205	0.50



TB-540.42-15 Tilt bracket 15°	111-0640	15°	42 x 90	42 x 100	205	0.50
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**Pole mounted****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.
LS180	003-4019	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S60], [S65], [S70], [R65], [P65] lenses. Must be specified at time of ordering.