**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. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

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.

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	0.166 m ²

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

RFL530-SE LED

Pole mounted

we-ef

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

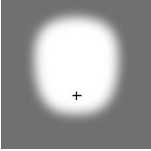
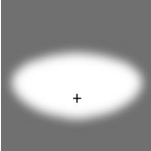

32 W

18 W

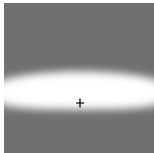
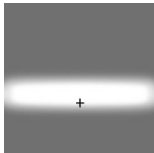
72 W

81 W

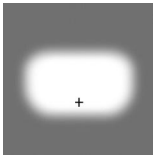
Configurations

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	
111-1030	LED-24/72W / 1050 mA - 2700 K	9122.7	81 W	80	9.30	
asymmetric, side throw [S65] 	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	9.30
	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
	111-1036	LED-12/12W / 350 mA - 2700 K	1566.6	13.9 W	80	9.30
	111-1037	LED-12/24W / 700 mA - 2700 K	2778.3	27 W	80	9.30
	111-1038	LED-24/24W / 350 mA - 2700 K	3133.2	26.5 W	80	9.30
	111-1040	LED-24/72W / 1050 mA - 2700 K	8781.9	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

Pole mounted

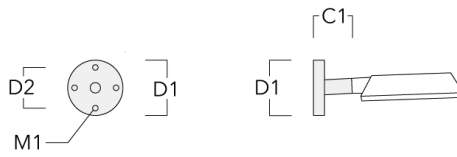
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	111-1054	LED-24/48W / 700 mA - 2700 K	5700.9	54 W	80	9.30
	111-1055	LED-24/72W / 1050 mA - 2700 K	8682	81 W	80	9.30
rectangular, side throw [R65]	111-0416	LED-12/12W / 350 mA - 4000 K	1780.6	13.9 W	80	9.30
	111-0417	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

Pole mounted

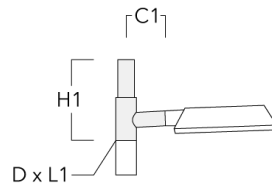
Mounting Accessories

Wall and pole brackets RE

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight(kg)	C	H
Wall bracket RE0-530	111-0052		180	230	195			12	2.50	120	

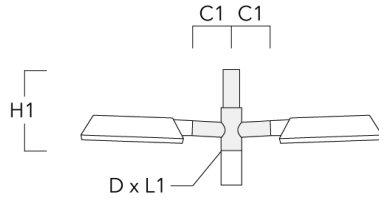


Pole bracket RE1-530, single	111-0040		180			76 x 80	400		5.50	180	400
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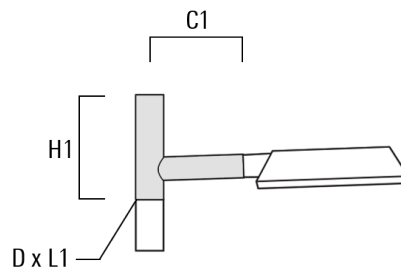


Pole mounted

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Pole bracket RE2-530, double	111-0041		180			76 x 80	400		6.10	180	400

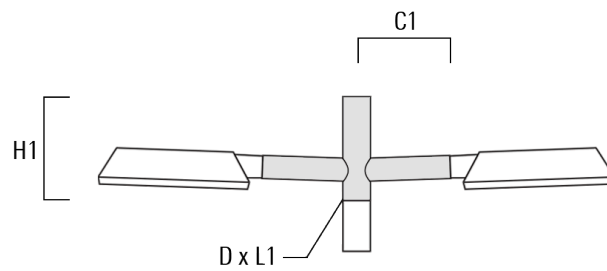


Pole bracket RE1, single for mounting on AML-A poles	111-9020	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	280			76 x 76	400		4.50		
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Pole mounted

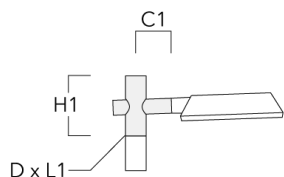
Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Pole bracket RE2, double for mounting on AML-A poles	111-9021	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	280			76 x 76	400		5.00		



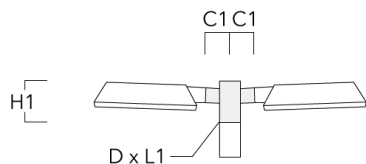
Pole mounted

Pole brackets RF

Description	Part ID	C1	D x L1	H1	Weight (kg)	C	H
Pole bracket RF1-530, single	111-0044	190	76 x 80	275	4.70	190	275



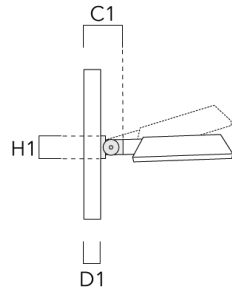
Pole bracket RF2-530, double	111-0045	190	76 x 80	275	5.00	190	275
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Pole mounted

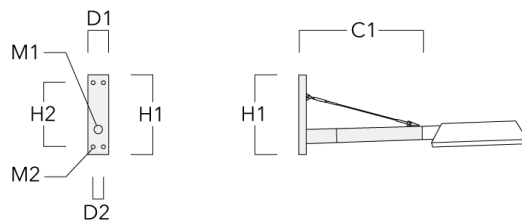
Wall and pole brackets RI

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



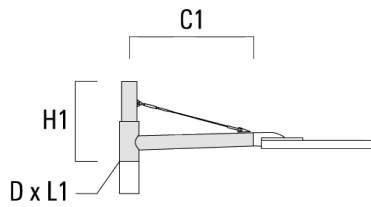
Wall and pole brackets RX

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

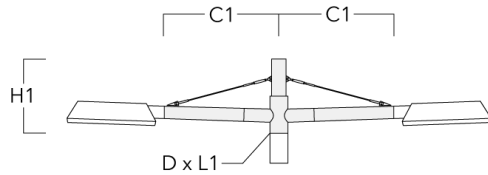


Pole mounted

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



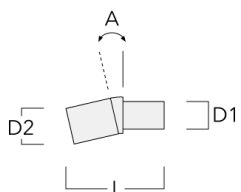
RX2-530 Pole bracket, double	111-0089	710			76 x 80	400				6.20
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Pole mounted

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-530.42-15 Tilt bracket 15°	111-0640	15°	42 x 90	42 x 100	205	0.50
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