

111-0408

RFL530-SE LED

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### Description

IP66, Class I. Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Non-reflecting safety glass lens, hinged with safety switch. Integral EC electronic converter in thermally separated compartment. DALI. 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.

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

Brackets to be ordered separately.

Weight	9.30 kg
Light distribution	asymmetric, side throw beam [S65]
Light source	LED-12/12W / 350 mA - 4000 K
CRI	80
Power supply	EC
LEDs	12
Rated input power	13.9 W

### Nominal Lumen (lm)

LED Lumen	170
Total Lumen	2040
T <sub>j</sub>	85

### Rated lumens (lm)

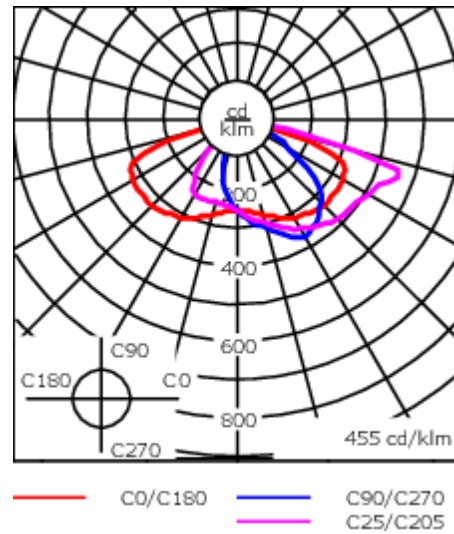
LED Lumen	157.8
Total Lumen	1893.1
T <sub>a</sub>	25

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## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflecting safety glass lens, hinged
Colours	<div style="display: flex; align-items: center; gap: 10px;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> RAL9004 Signal black         </div> <div style="display: flex; align-items: center; gap: 10px; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #cccccc; margin-right: 5px;"></div> RAL9006 White aluminium         </div> <div style="display: flex; align-items: center; gap: 10px; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> RAL9007 Grey aluminium         </div> <div style="display: flex; align-items: center; gap: 10px; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #333333; margin-right: 5px;"></div> RAL7016 Anthracite grey         </div> <div style="display: flex; align-items: center; gap: 10px; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #e0e0e0; margin-right: 5px;"></div> RAL9016 Traffic white         </div>
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 <sup>2</sup>

### Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter. DALI
Power factor	> 0.9
Surge protection	6/6 kV

### Additional information

Lifetime	Ta=25° L90B10 > 90000h
Energy efficiency class	C-D (Light source)

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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

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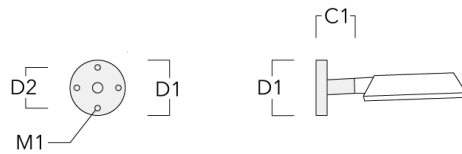
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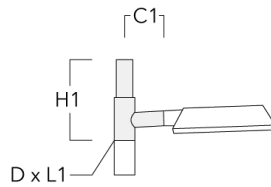
**Mounting Accessories**

**Wall and pole brackets RE**

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

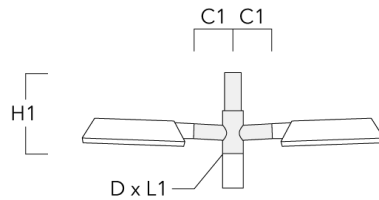


RE1-530 Pole bracket, single	111-0040	180			76 x 80	400		3.20	180	400
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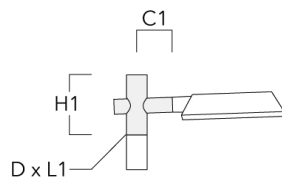
**RFL530-SE LED**

Description	Part ID	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 brackets RF**

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



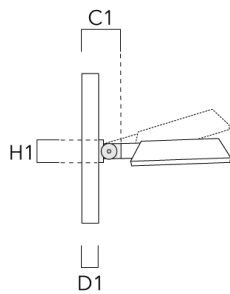
**RFL530-SE LED**

Description	Part ID	C1	D × L1	H1	Weight (kg)	C	H
RF2-530 Pole bracket, double	111-0045	190	76 x 80	275	3.00	190	275



**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**

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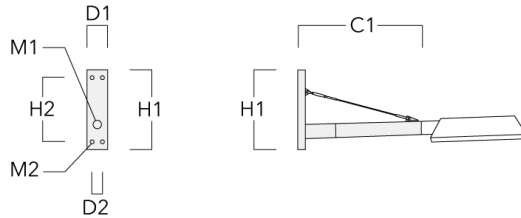
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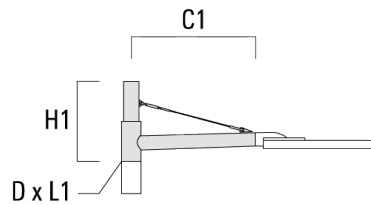
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Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (kg)
RX0-530 Wall bracket	111-0053	710	140	100		350	285	30	12	3.30

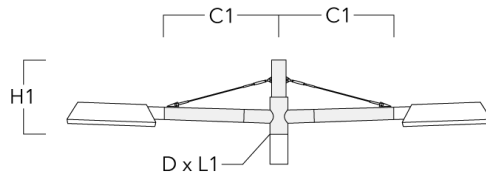


RX1-530 Pole bracket, single	111-0088	710			76 x 80	400				4.50
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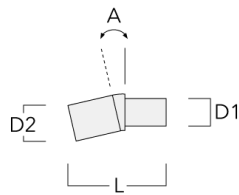
**RFL530-SE LED**

Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (kg)
RX2-530 Pole bracket, double	111-0089	710			76 x 80	400				6.20



**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





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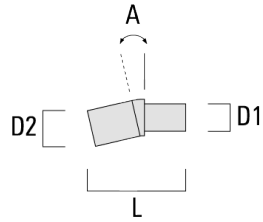
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Description	Part ID	A	D1	D2	L	Weight (kg)
TB-530.42-15 Tilt bracket 15°	111-0640	15°	42 x 90	42 x 100	205	0.50

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## Optical Accessories

### Light shield

Description	Part ID	Additional information
LS180-[A60]	430-0038	Light shield LS180 to greatly reduce or eliminate light pollution. PA injection moulded component, black matt. Suitable for asymmetric light distribution [A60].
LS180	430-0029	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.

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