



### 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.

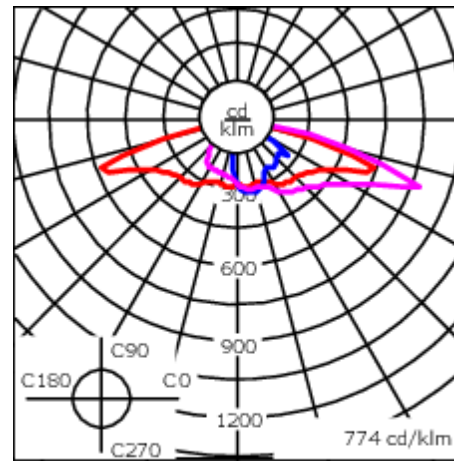
|                    |                              |
|--------------------|------------------------------|
| Weight             | 9.30 kg                      |
| Light distribution | asymmetric, side throw [S70] |
| Light source       | LED-12/12W / 350 mA - 4000 K |
| CRI                | 80                           |
| Power supply       | EC                           |
| LEDs               | 12                           |
| Rated input power  | 13.9 W                       |

### Nominal Lumen (lm)

|             |      |
|-------------|------|
| LED Lumen   | 170  |
| Total Lumen | 2040 |
| Tj          | 85   |

### Rated lumens (lm)

|             |        |
|-------------|--------|
| LED Lumen   | 153.1  |
| Total Lumen | 1836.7 |
| Ta          | 25     |



— C0/C180 — C90/C270  
— C10/C190

## 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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**111-0412**

**RFL530-SE LED**

**we-ef**

## **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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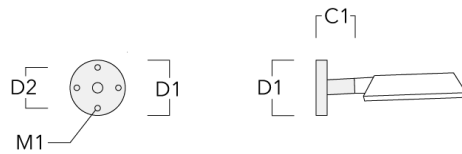
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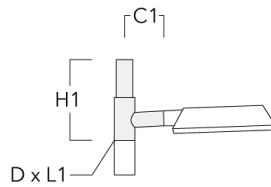
**Mounting Accessories**

**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 |   |

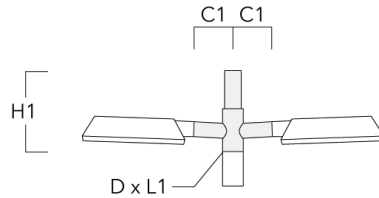


|                              |          |     |  |  |         |     |  |      |     |     |
|------------------------------|----------|-----|--|--|---------|-----|--|------|-----|-----|
| RE1-530 Pole bracket, single | 111-0040 | 180 |  |  | 76 x 80 | 400 |  | 3.20 | 180 | 400 |
|------------------------------|----------|-----|--|--|---------|-----|--|------|-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



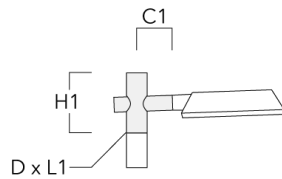
**RFL530-SE LED**

| Description                  | Part ID  | C1  | D1 | D2 | D x 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 x 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**

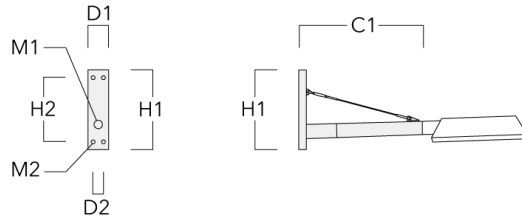
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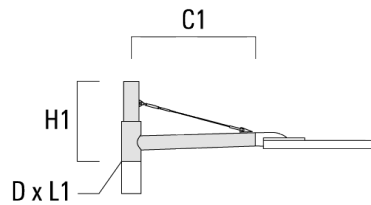
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| Description          | Part ID  | C1  | D1  | D2  | D × L1 | H1  | H2  | M1 | M2 | Weight (kg) |
|----------------------|----------|-----|-----|-----|--------|-----|-----|----|----|-------------|
| RX0-530 Wall bracket | 111-0053 | 710 | 140 | 100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

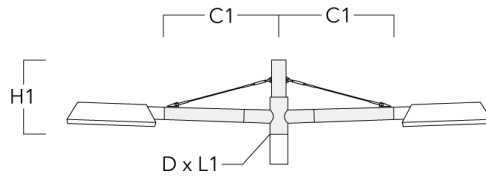


|                              |          |     |  |  |         |     |  |  |  |      |
|------------------------------|----------|-----|--|--|---------|-----|--|--|--|------|
| RX1-530 Pole bracket, single | 111-0088 | 710 |  |  | 76 x 80 | 400 |  |  |  | 4.50 |
|------------------------------|----------|-----|--|--|---------|-----|--|--|--|------|



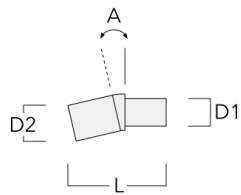
**RFL530-SE LED**

| 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        |



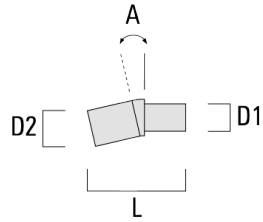


111-0412

RFL530-SE LED

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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.<br>PA injection moulded component, black matt.<br>Suitable for asymmetric light distribution [A60].                          |
| LS180       | 430-0029 | Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit.<br>Suitable for [S60], [S65], [S70], [R65], [P65] lenses. Must be specified at time of ordering. |

**111-0412**

**RFL530-SE LED**

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