



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 up-grading. 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.

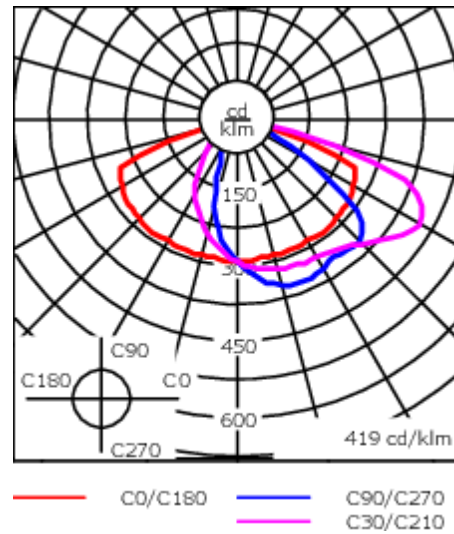
| | |
|--------------------|------------------------------|
| Weight | 9.30 kg |
| Light distribution | asymmetric, side throw [S60] |
| Light source | LED-24/48W / 700 mA - 3000 K |
| CRI | 80 |
| Power supply | EC |
| BUG | B1 U0 G1 |
| LEDs | 24 |
| Rated input power | 54 W |

Nominal Lumen (lm)

| | |
|-------------|------|
| LED Lumen | 290 |
| Total Lumen | 6960 |
| Tj | 85 |

Rated lumens (lm)

| | |
|-------------|--------|
| LED Lumen | 260.6 |
| Total Lumen | 6253.8 |
| Ta | 25 |



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;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> RAL9004 Signal black </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: grey; margin-right: 5px;"></div> RAL9007 Grey aluminium </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: darkgrey; margin-right: 5px;"></div> RAL7016 Anthracite grey </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: lightgrey; 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 ² |

Electrical description

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

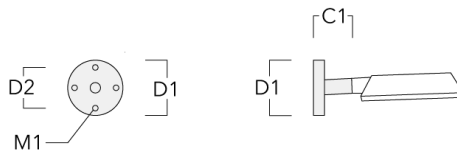
Additional information

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

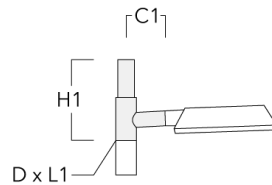
Mounting Accessories

Wall and pole brackets RE

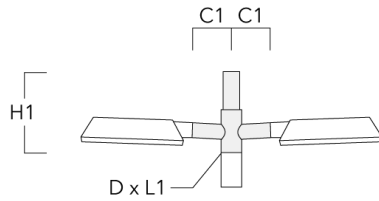
| Description | Part ID | Additional information | C1 | D1 | D2 | D × L1 | H1 | M1 | Weight(kg) | C | H |
|----------------------|----------|------------------------|-----|-----|-----|--------|----|----|------------|-----|---|
| Wall bracket RE0-530 | 111-0052 | | 180 | 230 | 195 | | | 12 | 2.50 | 120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



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



| 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 | | |
|--|----------|--|-----|--|--|---------|-----|--|------|--|--|

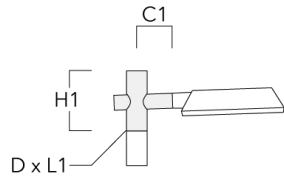


| Description | Part ID | Additional information | C1 | D1 | D2 | D × L1 | H1 | M1 | Weight (kg) | C | H |
|--|----------|--|-----|----|----|---------|-----|----|-------------|---|---|
| Pole bracket RE2, double for mounting on AML-A poles | 111-9021 | Mounting brackets. Marine-grade aluminium alloy.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

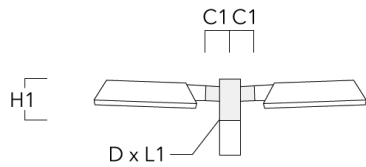


Pole brackets RF

| 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 |

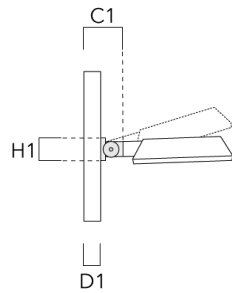


| | | | | | | | |
|------------------------------|----------|-----|---------|-----|------|-----|-----|
| Pole bracket RF2-530, double | 111-0045 | 190 | 76 x 80 | 275 | 5.00 | 190 | 275 |
|------------------------------|----------|-----|---------|-----|------|-----|-----|



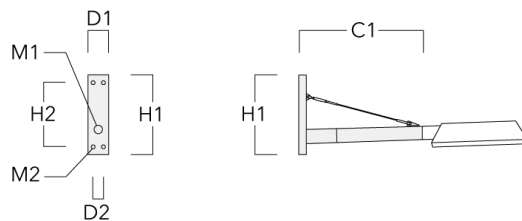
Wall and pole brackets RI

| 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 |



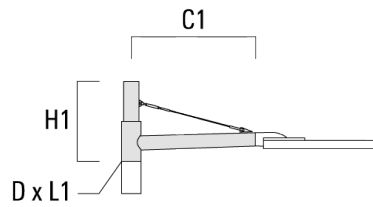
Wall and pole brackets RX

| 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 |

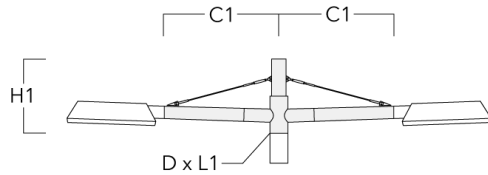


RFL530-SE LED

| 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 |

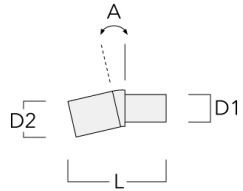


| | | | | | | | | | | |
|------------------------------|----------|-----|--|--|---------|-----|--|--|--|------|
| RX2-530 Pole bracket, double | 111-0089 | 710 | | | 76 x 80 | 400 | | | | 6.20 |
|------------------------------|----------|-----|--|--|---------|-----|--|--|--|------|

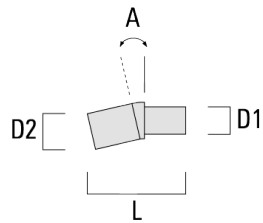


Tilt brackets TB

| 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 |
|-------------------------------|----------|-----|---------|----------|-----|------|



111-0193

RFL530-SE LED

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 19/04/2025