

111-0417

RFL530-SE LED

**we-ef**



**Description**

Wall and pole mounted luminaire.

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Non-reflecting safety glass lens hinged, tool-less entry. CAD-optimized optics for superior illumination and glare control. Integral driver in thermally separated compartment. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire. Luminaire is factory-sealed and does not need to be opened during installation.

Recommended mounting height 10-20 ft, depending on wattage and light distribution selected.

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black)  
+ XXX-XXXX (Accessory 1)

|                    |                              |
|--------------------|------------------------------|
| Weight             | 21.00 lb                     |
| Light distribution | [R65] Type IV Medium         |
| Light source       | LED-12/24W / 700 mA - 4000 K |
| CRI                | 80                           |
| Power supply       | electronic gear              |
| BUG                | B1 U0 G1                     |
| LEDs               | 12                           |
| Rated input power  | 27 W                         |

**Nominal Lumen (lm)**

|             |      |
|-------------|------|
| LED Lumen   | 310  |
| Total Lumen | 3720 |
| Tj          | 85   |

**Rated lumens (lm)**

|             |        |
|-------------|--------|
| LED Lumen   | 257    |
| Total Lumen | 3084.3 |
| Ta          | 25     |

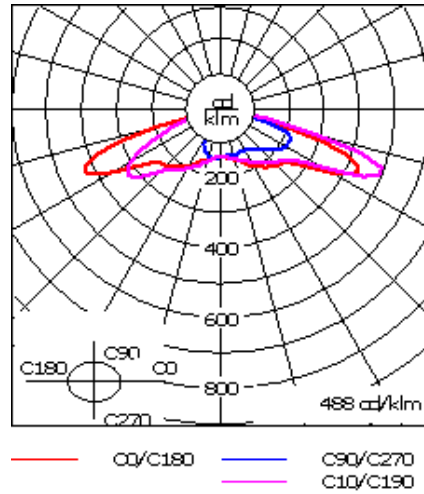
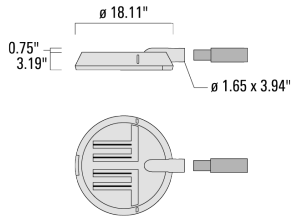
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## Specifications

### Material description

|                      |   |
|----------------------|---|
| Body                 | Marine-grade, die-cast aluminium alloy  |
| Lens                 | Non-reflecting safety glass lens, hinged  |
| Colors               | <div style="display: flex; flex-direction: column; gap: 5px;"> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></span> RAL9004 Black</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: grey; margin-right: 5px;"></span> RAL9007 Grey Metallic</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: white; margin-right: 5px;"></span> RAL9016 White</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: darkgrey; margin-right: 5px;"></span> RAL8019 Dark Bronze</div> </div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket   |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware   |
| Ingress protection   | IP66  |
| Impact resistance    | IK07  |
| Corrosion resistance | 5CE   |
| Windage              | 0.3 ft <sup>2</sup>   |

### Electrical description

|                  |   |
|------------------|---|
| Power supply     | Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order. |
| Driver / Ballast | Integral EC electronic converter  |
| Power factor     | > 0.9   |
| Surge protection | In-line bracket 10kV Surge Protector  |

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**Additional information**

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|            |   |
|------------|---|
| Lifetime   | Ta=25°/40° L90B10 > 90000h  |
| BUG Rating | Please see individual Spec Sheets for classification of Backlight, Uplight and Glare. |
| Listings   | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.                            |

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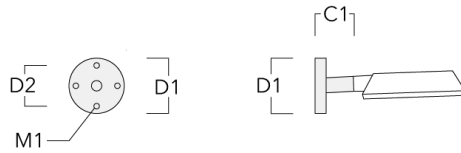
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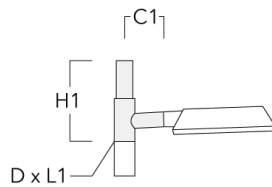
**Mounting Accessories**

**Wall and pole brackets RE**

| Description          | Part ID  | C1   | D1   | D2   | D x L1 | H1 | L | M1   | Weight (lb) | C   | H |
|----------------------|----------|------|------|------|--------|----|---|------|-------------|-----|---|
| RE0-530 Wall bracket | 111-0052 | 7.09 | 9.06 | 7.68 |        |    |   | 0.47 | 6.39        | 120 |   |

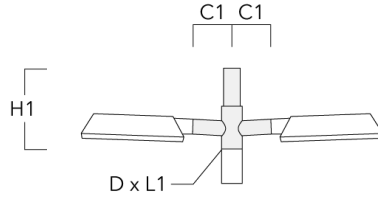


|                              |          |      |  |  |       |       |      |      |  |     |     |
|------------------------------|----------|------|--|--|-------|-------|------|------|--|-----|-----|
| RE1-530 Pole bracket, single | 111-0040 | 7.09 |  |  | 3 x 3 | 15.75 | 2.99 | 7.05 |  | 180 | 400 |
|------------------------------|----------|------|--|--|-------|-------|------|------|--|-----|-----|



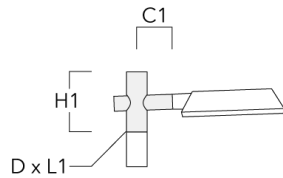
**RFL530-SE LED**

| Description                  | Part ID  | C1   | D1 | D2 | D × L1 | H1    | L    | M1 | Weight (lb) | C   | H   |
|------------------------------|----------|------|----|----|--------|-------|------|----|-------------|-----|-----|
| RE2-530 Pole bracket, double | 111-0041 | 7.09 |    |    | 3 x 3  | 15.75 | 2.99 |    | 7.94        | 180 | 400 |



**Pole brackets RF**

| Description                  | Part ID  | C1   | D × L1 | H1    | L    | Weight (lb) | C   | H   |
|------------------------------|----------|------|--------|-------|------|-------------|-----|-----|
| RF1-530 Pole bracket, single | 111-0044 | 7.48 | 3 x 3  | 10.83 | 2.99 | 5.07        | 190 | 275 |



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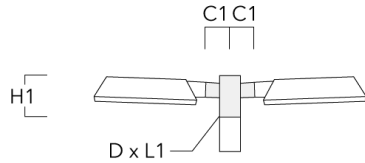
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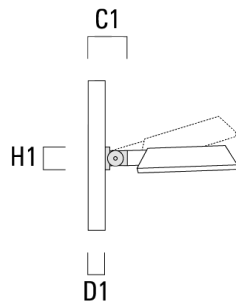
**RFL530-SE LED**

| Description                  | Part ID  | C1   | D × L1 | H1    | L    | Weight (lb) | C   | H   |
|------------------------------|----------|------|--------|-------|------|-------------|-----|-----|
| RF2-530 Pole bracket, double | 111-0045 | 7.48 | 3 x 3  | 10.83 | 2.99 | 6.61        | 190 | 275 |



**Wall and pole brackets RI**

| Description                              | Part ID  | C1       | D1      | D × L1 | H1 | L | Weight (lb) |
|--|----------|----------|---------|--------|----|---|-------------|
| RI0-530 Adjustable wall and pole bracket | 111-0178 | 7.24-10" | 3-5.25" |        | 5" |   | 4.08 lbs    |

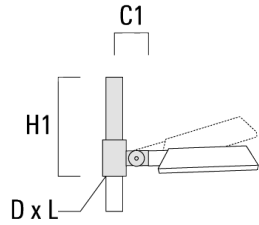


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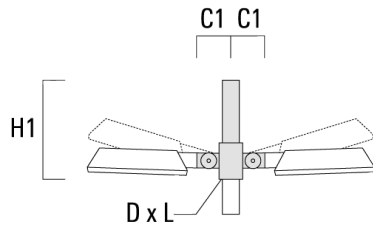
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**RFL530-SE LED**

| Description                                | Part ID  | C1    | D1 | D x L1 | H1     | L | Weight (lb) |
|--|----------|-------|----|--------|--------|---|-------------|
| R11-530 Adjustable pole bracket,<br>single | 106-0454 | 7.68" |    | 3 x 3  | 18.70" |   | 10.00 lbs   |



|  |          |       |  |       |        |       |           |
|--|----------|-------|--|-------|--------|-------|-----------|
| R12-530 Adjustable pole bracket,<br>double | 106-0455 | 7.68" |  | 3 x 3 | 18.70" | 2.99" | 13.00 lbs |
|--|----------|-------|--|-------|--------|-------|-----------|

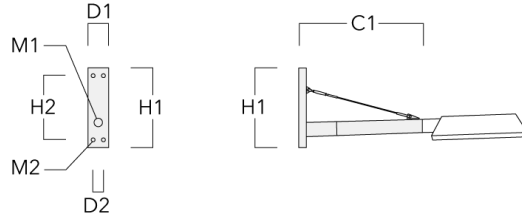


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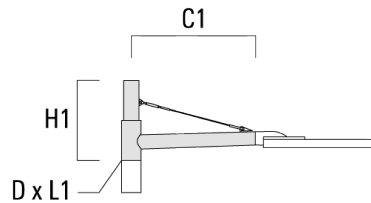
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**Wall and pole brackets RX**

| Description          | Part ID  | C1    | D1   | D2   | D x L1 | H1    | H2    | M1   | M2   | Weight (lb) |
|----------------------|----------|-------|------|------|--------|-------|-------|------|------|-------------|
| RX0-530 Wall bracket | 111-0053 | 27.95 | 5.51 | 3.94 |        | 13.78 | 11.22 | 1.18 | 0.47 | 7.28        |



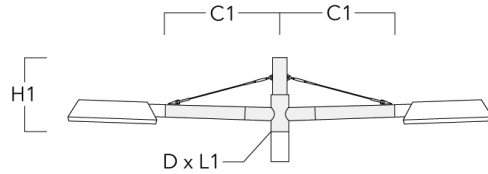
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|------------------------------|----------|-------|--|--|-------|-------|--|--|--|------|
| RX1-530 Pole bracket, single | 111-0088 | 27.95 |  |  | 3 x 3 | 15.75 |  |  |  | 9.92 |
|------------------------------|----------|-------|--|--|-------|-------|--|--|--|------|





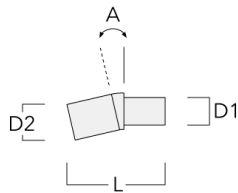
**RFL530-SE LED**

| Description                  | Part ID  | C1    | D1 | D2 | D x L1 | H1    | H2 | M1 | M2 | Weight (lb) |
|------------------------------|----------|-------|----|----|--------|-------|----|----|----|-------------|
| RX2-530 Pole bracket, double | 111-0089 | 27.95 |    |    | 3 x 3  | 15.75 |    |    |    | 13.67       |



**Tilt brackets TB**

| Description                   | Part ID  | A   | D1          | D2          | L     | Weight (lb) |
|-------------------------------|----------|-----|-------------|-------------|-------|-------------|
| TB-530.42-10 Tilt bracket 10° | 111-0639 | 10° | 1.65 x 3.54 | 1.65 x 3.94 | 8.07" | 1.10        |



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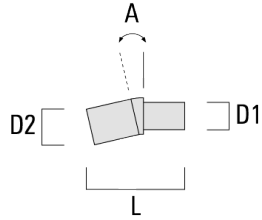
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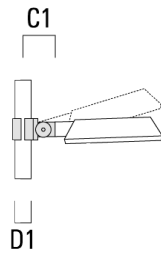
**RFL530-SE LED**

| Description                   | Part ID  | A   | D1          | D2          | L     | Weight (lb) |
|-------------------------------|----------|-----|-------------|-------------|-------|-------------|
| TB-530.42-15 Tilt bracket 15° | 111-0640 | 15° | 1.65 x 3.54 | 1.65 x 3.94 | 8.07" | 1.10        |



**Pole clamp SI**

| Description                            | Part ID  | C1 | D1 | Weight (lb) | C  | D  |
|--|----------|----|----|-------------|----|----|
| SI1-530 Pole clamp, single (Ø 3"-3.5") | 111-0066 |    |    | 195         | 76 | 89 |



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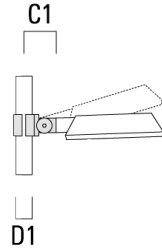
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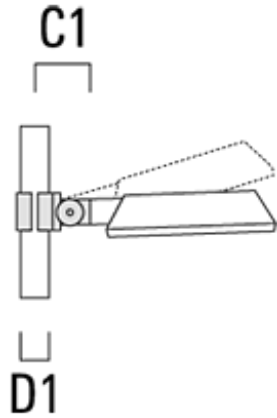
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| Description                            | Part ID  | C1    | D1        | Weight (lb) | C   | D   |
|--|----------|-------|-----------|-------------|-----|-----|
| SI1-530 Pole clamp, single (Ø 4"-4.5") | 111-0067 | 7.68" | 4.0"-4.5" | 195         | 102 | 114 |



|   |          |       |             |     |     |     |
|---|----------|-------|-------------|-----|-----|-----|
| SI1-530 Pole clamp, single (Ø 4.5"-5.25") | 111-0176 | 7.68" | 4.50"-5.25" | 195 | 114 | 133 |
|---|----------|-------|-------------|-----|-----|-----|



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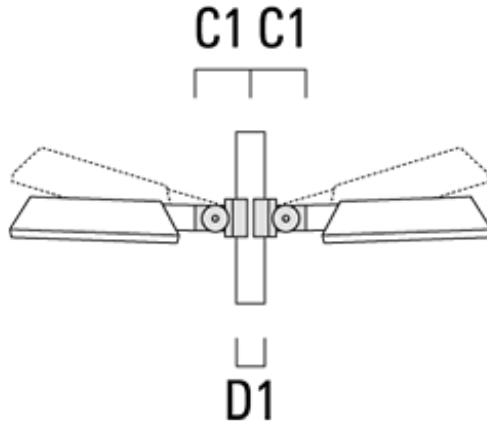
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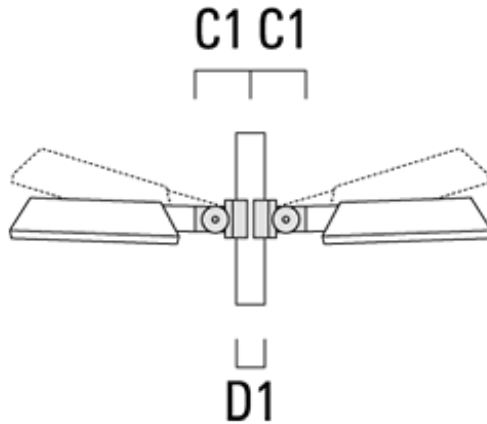
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| Description                            | Part ID  | C1    | D1        | Weight (lb) | C   | D       |
|--|----------|-------|-----------|-------------|-----|---------|
| SI2-530 Pole clamp, double (Ø 3"-3.5") | 111-0068 | 7.68" | 3.0"-3.5" | 9.00 lbs    | 195 | 76 - 89 |



|  |          |       |           |           |     |           |
|--|----------|-------|-----------|-----------|-----|-----------|
| SI2-530 Pole clamp, double (Ø 4"-4.5") | 111-0069 | 7.68" | 4.0"-4.5" | 11.00 lbs | 195 | 102 - 114 |
|--|----------|-------|-----------|-----------|-----|-----------|



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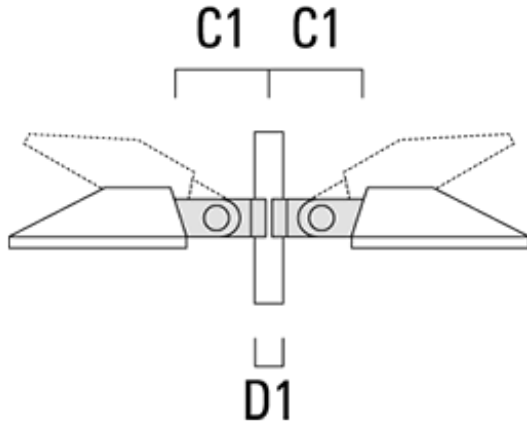
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| Description                               | Part ID  | C1    | D1          | Weight (lb) | C   | D         |
|---|----------|-------|-------------|-------------|-----|-----------|
| SI2-530 Pole clamp, double (Ø 4.5"-5.25") | 111-0182 | 7.68" | 4.50"-5.25" | 12.00       | 195 | 114 - 133 |



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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. |