

RFL540-SE LED



Description

Wall and pole mounted LED 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 10-30 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)

For DarkSky compliant configurations of this product,

|                    |                                |
|--------------------|--------------------------------|
| Weight             | 33.00 lb                       |
| Light distribution | [A60] Type IV Very Short       |
| Light source       | LED-36/108W / 1050 mA - 3000 K |
| CRI                | 80                             |
| Power supply       | electronic gear                |
| LEDs               | 36                             |
| Rated input power  | 115 W                          |

|                    |       |
|--------------------|-------|
| Nominal Lumen (lm) |       |
| LED Lumen          | 430   |
| Total Lumen        | 15480 |
| Tj                 | 85    |

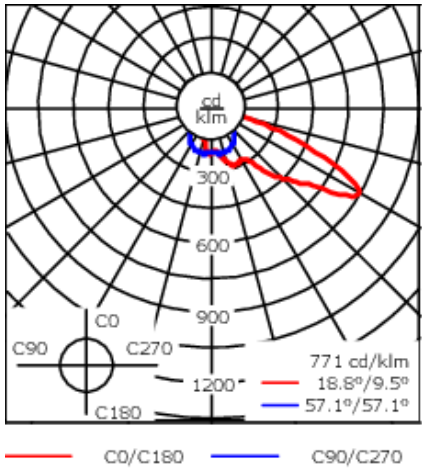
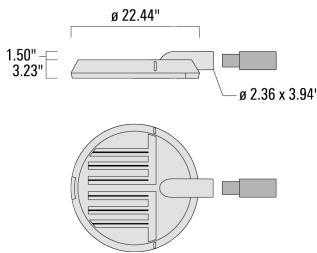
|                       |         |
|-----------------------|---------|
| Delivered lumens (lm) |         |
| LED Lumen             | 382.5   |
| Total Lumen           | 13770.7 |
| Ta                    | 25      |

**RFL540-SE LED**

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please find the spec sheet and DarkSky certificate in the library.

RFL540-SE LED



Specifications  
Material description

|                      |                                                                                                                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body                 | Marine-grade die-cast aluminium alloy                                                                                                                             |
| Lens                 | Non-reflecting safety glass lens, hinged                                                                                                                          |
| Colors               | <div><div></div> RAL9004 Black</div> <div><div></div> RAL9007 Grey Metallic</div> <div><div></div> RAL9016 White</div> <div><div></div> RAL8019 Dark Bronze</div> |
| Gasket               | Silicone rubber gasket                                                                                                                                            |
| Fasteners            | PCS Polymer Coated Stainless Steel hardware                                                                                                                       |
| Ingress protection   | IP66                                                                                                                                                              |
| Impact resistance    | IK07                                                                                                                                                              |
| Corrosion resistance | 5CE                                                                                                                                                               |
| Windage              | 0.5 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                                                    |

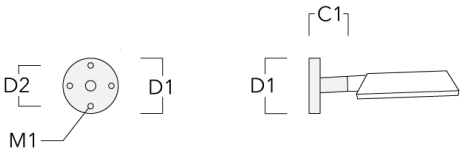
**Additional information**

|            |                                                                                       |
|------------|---------------------------------------------------------------------------------------|
| 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.                            |

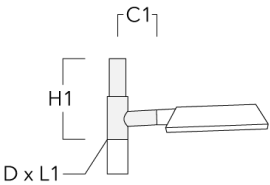
Mounting Accessories

Wall and pole brackets RE

| Description          | Part ID  | C1   | D1   | D2   | D × L1 | H1 | M1   | Weight (lb) | C   | H |
|----------------------|----------|------|------|------|--------|----|------|-------------|-----|---|
| RE0-540 Wall bracket | 111-0084 | 7.09 | 9.06 | 7.68 |        |    | 0.47 | 7.05        | 140 |   |

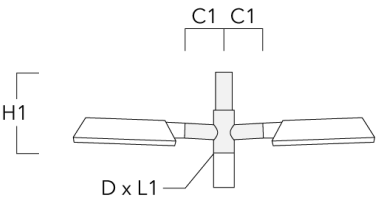


|                              |          |      |  |  |       |       |  |       |     |     |
|------------------------------|----------|------|--|--|-------|-------|--|-------|-----|-----|
| RE1-540 Pole bracket, single | 111-0042 | 7.87 |  |  | 3 x 5 | 21.65 |  | 10.14 | 200 | 550 |
|------------------------------|----------|------|--|--|-------|-------|--|-------|-----|-----|



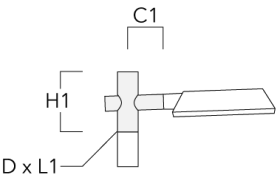
RFL540-SE LED

| Description                  | Part ID  | C1   | D1 | D2 | D × L1 | H1    | M1 | Weight (lb) | C   | H   |
|------------------------------|----------|------|----|----|--------|-------|----|-------------|-----|-----|
| RE2-540 Pole bracket, double | 111-0043 | 7.87 |    |    | 3 x 5  | 21.65 |    | 11.68       | 200 | 550 |



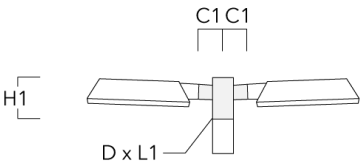
Pole brackets RF

| Description                  | Part ID  | C1   | D × L1 | H1   | Weight (lb) | C   | H   |
|------------------------------|----------|------|--------|------|-------------|-----|-----|
| RF1-540 Pole bracket, single | 111-0046 | 7.87 | 3 x 3  | 7.87 | 5.73        | 200 | 300 |



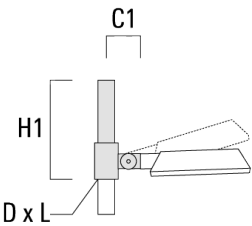
RFL540-SE LED

| Description                  | Part ID  | C1   | D × L1      | H1   | Weight (lb) | C   | H   |
|------------------------------|----------|------|-------------|------|-------------|-----|-----|
| RF2-540 Pole bracket, double | 111-0047 | 7.87 | 2.99 x 3.15 | 7.87 | 7.28        | 200 | 300 |



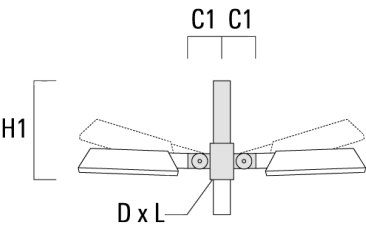
Wall and pole brackets RI

| Description                             | Part ID  | C1    | D × L1 | H1     | Weight (lb) |
|-----------------------------------------|----------|-------|--------|--------|-------------|
| RI1-540 Adjustable pole bracket, single | 111-0179 | 7.87" | 3 x 3  | 20.67" | 12.00 lbs   |



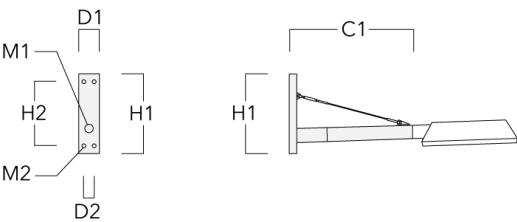
RFL540-SE LED

| Description                             | Part ID  | C1    | D × L1 | H1     | Weight (lb) |
|-----------------------------------------|----------|-------|--------|--------|-------------|
| RI2-540 Adjustable pole bracket, double | 106-0481 | 7.87" | 3 x 3  | 20.67" | 14.00 lbs   |



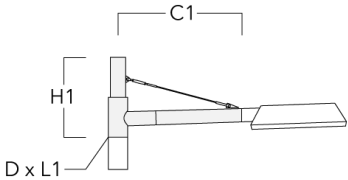
Wall and pole brackets RX

| Description          | Part ID  | C1    | D1   | D2   | D × L1 | H1    | H2    | M1   | M2   | Weight (lb) |
|----------------------|----------|-------|------|------|--------|-------|-------|------|------|-------------|
| RX0-540 Wall bracket | 111-0086 | 39.37 | 5.51 | 3.94 |        | 17.72 | 15.16 | 1.18 | 0.47 | 11.46       |

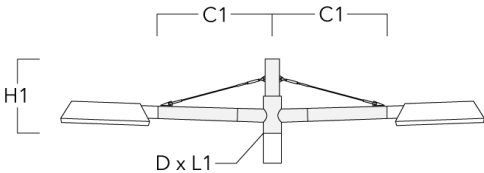


RFL540-SE LED

| Description                  | Part ID  | C1    | D1 | D2 | D × L1      | H1    | H2 | M1 | M2 | Weight (lb) |
|------------------------------|----------|-------|----|----|-------------|-------|----|----|----|-------------|
| RX1-540 Pole bracket, single | 111-0054 | 39.37 |    |    | 2.99 x 3.15 | 21.65 |    |    |    | 14.99       |



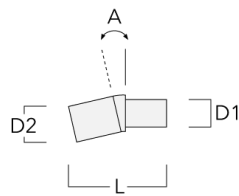
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|------------------------------|----------|-------|--|--|-------------|-------|--|--|--|-------|
| RX2-540 Pole bracket, double | 111-0055 | 39.37 |  |  | 2.99 x 3.15 | 21.65 |  |  |  | 21.38 |
|------------------------------|----------|-------|--|--|-------------|-------|--|--|--|-------|



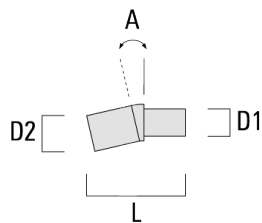
RFL540-SE LED

Tilt brackets TB

| Description                   | Part ID  | A   | D1          | D2          | L   | Weight (lb) |
|-------------------------------|----------|-----|-------------|-------------|-----|-------------|
| TB-540.60-10 Tilt bracket 10° | 111-0636 | 10° | 2.36 x 3.54 | 2.36 x 3.94 | 205 | 1.54        |



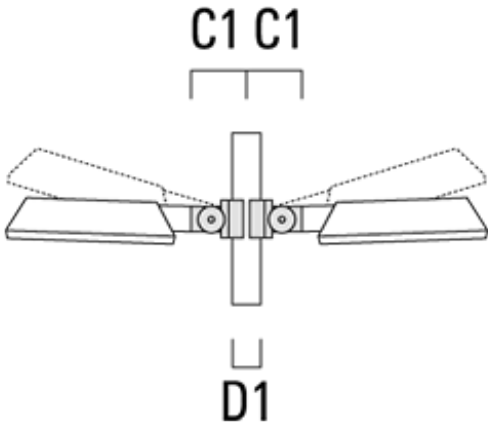
|                               |          |     |             |             |     |      |
|-------------------------------|----------|-----|-------------|-------------|-----|------|
| TB-540.60-15 Tilt bracket 15° | 111-0637 | 15° | 2.36 x 3.54 | 2.36 x 3.94 | 205 | 1.54 |
|-------------------------------|----------|-----|-------------|-------------|-----|------|



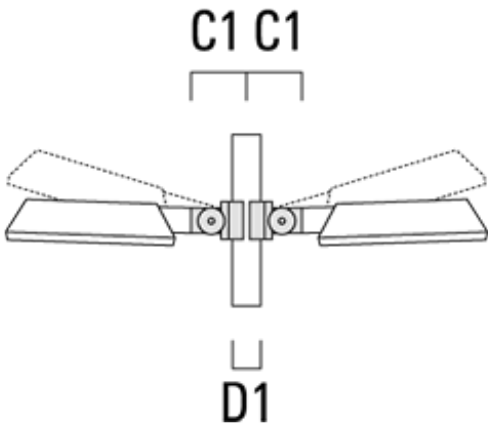
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Pole clamp SI

| Description                            | Part ID  | C1    | D1        | Weight (lb) | C   | D       |
|----------------------------------------|----------|-------|-----------|-------------|-----|---------|
| SI2-540 Pole clamp, double (Ø 3"-3.5") | 111-0072 | 7.68" | 3.0"-3.5" |             | 195 | 76 - 89 |

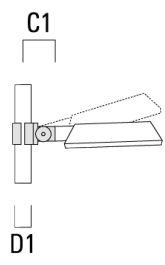


|                                           |          |       |            |        |     |           |
|-------------------------------------------|----------|-------|------------|--------|-----|-----------|
| SI2-540 Pole clamp, double (Ø 4.5"-5.25") | 111-0073 | 7.68" | 4.5"-5.25" | 14 lbs | 195 | 102 - 114 |
|-------------------------------------------|----------|-------|------------|--------|-----|-----------|

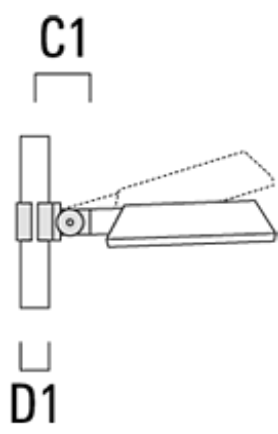


RFL540-SE LED

| Description                            | Part ID  | C1   | D1       | Weight (lb) | C   | D       |
|----------------------------------------|----------|------|----------|-------------|-----|---------|
| SI1-540 Pole clamp, single (Ø 3"-3.5") | 111-0070 | 7.68 | 3.0-3.50 | 11.00       | 195 | 76 - 89 |

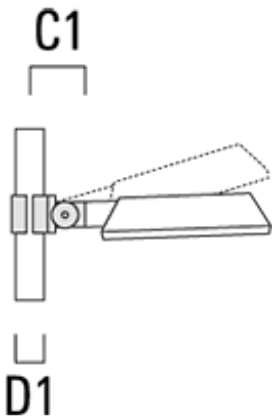


|                                           |          |       |             |           |     |           |
|-------------------------------------------|----------|-------|-------------|-----------|-----|-----------|
| SI1-540 Pole clamp, single (Ø 4.5"-5.25") | 111-0071 | 7.68" | 4.50"-5.25" | 14.00 lbs | 195 | 102 - 114 |
|-------------------------------------------|----------|-------|-------------|-----------|-----|-----------|

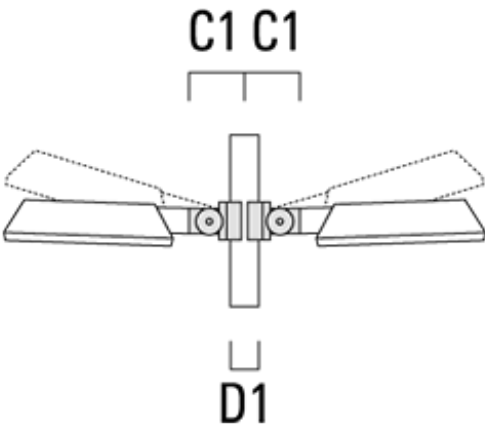


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| Description                            | Part ID  | C1    | D1        | Weight (lb) | C   | D         |
|----------------------------------------|----------|-------|-----------|-------------|-----|-----------|
| SI1-540 Pole clamp, single (Ø 4"-4.5") | 111-0177 | 7.68" | 4.0"-4.5" | 12.00 lbs   | 195 | 102 - 114 |



|                                        |          |       |           |        |     |           |
|----------------------------------------|----------|-------|-----------|--------|-----|-----------|
| SI2-540 Pole clamp, double (Ø 4"-4.5") | 111-0183 | 7.68" | 4.0"-4.5" | 12 lbs | 195 | 102 - 114 |
|----------------------------------------|----------|-------|-----------|--------|-----|-----------|



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. |