

VFL530-SE LED



Description

Pole or wall-mounted LED luminaire with integrated heat sinks. Side-entry mount.

IP66. Class I or Class II. IK08. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. 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 lamp type selected.

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

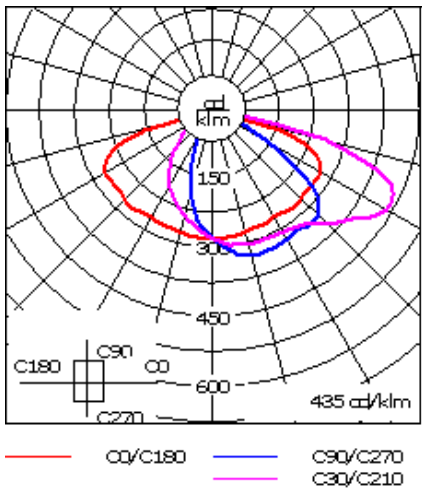
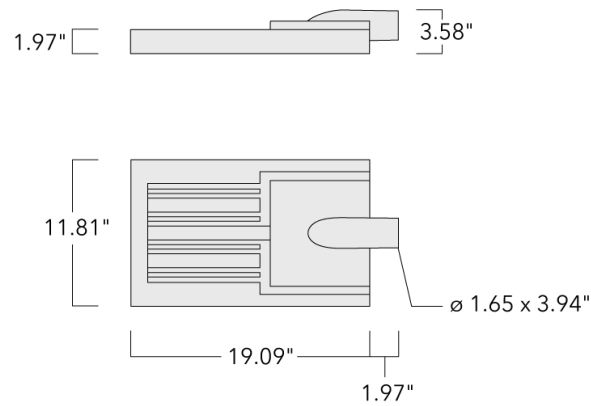
Example: XXX-XXXX-9004 (Black)  
+ XXX-XXXX (Accessory 1)

|                    |                              |
|--------------------|------------------------------|
| Weight             | 12.80 lb                     |
| Light distribution | [S60] Type III Short         |
| Light source       | LED-12/12W / 350 mA - 4000 K |
| CRI                | 80                           |
| Power supply       | electronic gear              |
| BUG                | B1 U0 G0                     |
| LEDs               | 12                           |
| Rated input power  | 13.9 W                       |

|                    |      |
|--------------------|------|
| Nominal Lumen (lm) |      |
| LED Lumen          | 170  |
| Total Lumen        | 2040 |
| Tj                 | 85   |

|                       |        |
|-----------------------|--------|
| Delivered lumens (lm) |        |
| LED Lumen             | 156.7  |
| Total Lumen           | 1879.9 |
| Ta                    | 25     |

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Specifications

Material description

|                      |                                                                                                                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body                 | Marine-grade die-cast aluminium alloy                                                                                                                             |
| Lens                 | PMMA RFC Reflection Contour Lens technology                                                                                                                       |
| 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    | IK08                                                                                                                                                              |
| Corrosion resistance | 5CE                                                                                                                                                               |
| Windage              | 1.6 ft <sup>2</sup>                                                                                                                                               |

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Electrical description

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

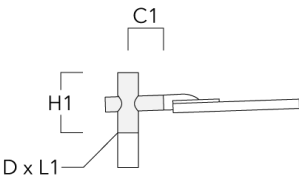
Additional information

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

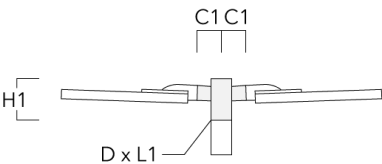
Mounting Accessories

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 |



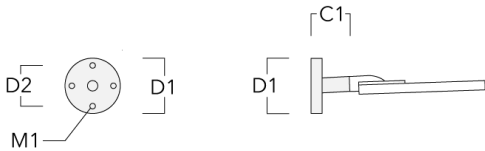
|                              |          |      |       |       |      |      |     |     |
|------------------------------|----------|------|-------|-------|------|------|-----|-----|
| RF2-530 Pole bracket, double | 111-0045 | 7.48 | 3 x 3 | 10.83 | 2.99 | 6.61 | 190 | 275 |
|------------------------------|----------|------|-------|-------|------|------|-----|-----|



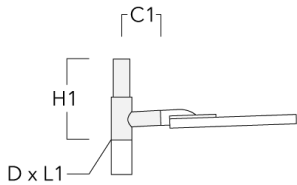
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Wall and pole brackets RE

| Description          | Part ID  | C1   | D1   | D2   | D × 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 |   |

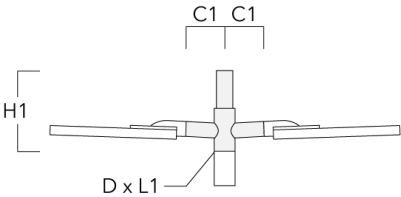


|                              |          |      |  |  |       |       |      |      |     |     |  |
|------------------------------|----------|------|--|--|-------|-------|------|------|-----|-----|--|
| RE1-530 Pole bracket, single | 111-0040 | 7.09 |  |  | 3 x 3 | 15.75 | 2.99 | 7.05 | 180 | 400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



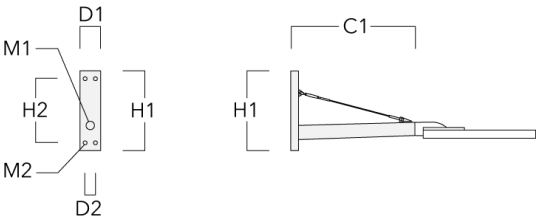
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| Description                  | Part ID  | C1   | D1 | D2 | D × L1 | H1    | L    | M1 | Weight (lb) | C   | H   |
|------------------------------|----------|------|----|----|--------|-------|------|----|-------------|-----|-----|
| RE2-530 Pole bracket,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



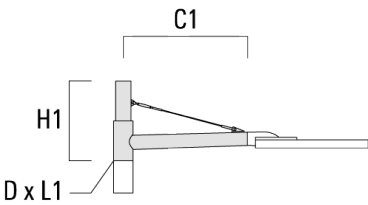
Wall and pole brackets RX

| Description          | Part ID  | C1    | D1   | D2   | D × 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        |

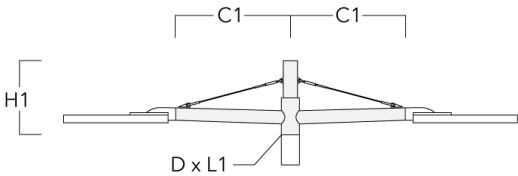


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| Description                  | Part ID  | C1    | D1 | D2 | D × L1 | H1    | H2 | M1 | M2 | Weight (lb) |
|------------------------------|----------|-------|----|----|--------|-------|----|----|----|-------------|
| RX1-530 Pole bracket, single | 111-0088 | 27.95 |    |    | 3 x 3  | 15.75 |    |    |    | 9.92        |



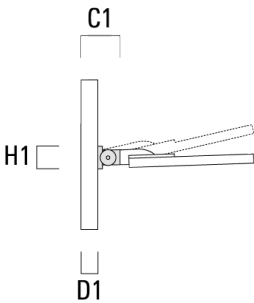
|                              |          |       |  |  |       |       |  |  |  |       |
|------------------------------|----------|-------|--|--|-------|-------|--|--|--|-------|
| RX2-530 Pole bracket, double | 111-0089 | 27.95 |  |  | 3 x 3 | 15.75 |  |  |  | 13.67 |
|------------------------------|----------|-------|--|--|-------|-------|--|--|--|-------|



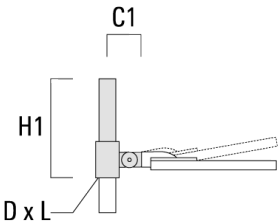
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Wall and pole brackets RI

| 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    |

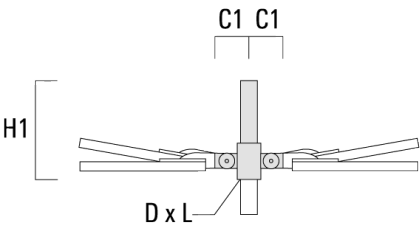


|                                         |          |       |  |       |       |  |           |
|-----------------------------------------|----------|-------|--|-------|-------|--|-----------|
| RI1-530 Adjustable pole bracket, single | 106-0454 | 7.68" |  | 3 x 3 | 18.70 |  | 10.00 lbs |
|-----------------------------------------|----------|-------|--|-------|-------|--|-----------|



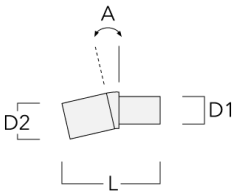
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| Description                             | Part ID  | C1    | D1 | D × L1 | H1     | L     | Weight (lb) |
|-----------------------------------------|----------|-------|----|--------|--------|-------|-------------|
| RI2-530 Adjustable pole bracket, double | 106-0455 | 7.68" |    | 3 x 3  | 18.70" | 2.99" | 13.00 lbs   |



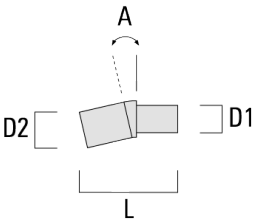
Tilt brackets TB

| 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        |



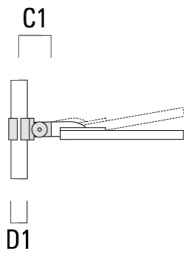
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| Description                   | Part ID  | A   | D1          | D2          | L     | Weight (lb) |
|-------------------------------|----------|-----|-------------|-------------|-------|-------------|
| TB-530.42-15 Tilt bracket 15° | 111-0640 | 15°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



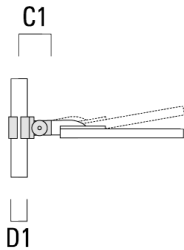
Pole clamp SI

| Description                            | Part ID  | C1    | D1        | Weight (lb) | C   | D       |
|----------------------------------------|----------|-------|-----------|-------------|-----|---------|
| SI1-530 Pole clamp, single (Ø 3"-3.5") | 111-0066 | 7.68" | 3.0"-3.5" | 7.00 lbs    | 195 | 76 - 89 |

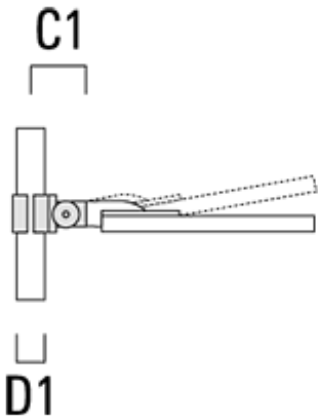


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| Description                            | Part ID  | C1    | D1        | Weight (lb) | C   | D         |
|----------------------------------------|----------|-------|-----------|-------------|-----|-----------|
| SI1-530 Pole clamp, single (Ø 4"-4.5") | 111-0067 | 7.68" | 4.0"-4.5" | 8.00 lbs    | 195 | 102 - 114 |

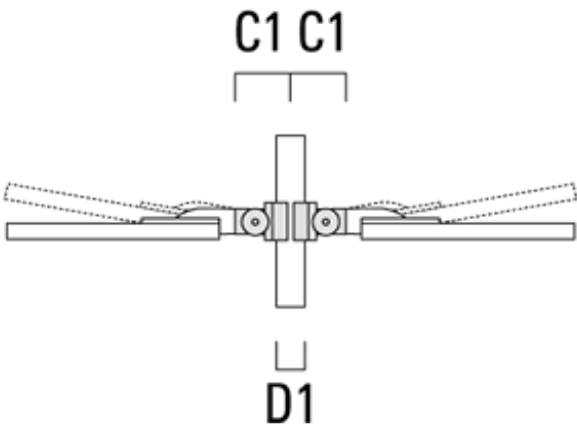


|                                           |          |       |             |          |     |           |
|-------------------------------------------|----------|-------|-------------|----------|-----|-----------|
| SI1-530 Pole clamp, single (Ø 4.5"-5.25") | 111-0176 | 7.68" | 4.50"-5.25" | 9.00 lbs | 195 | 114 - 133 |
|-------------------------------------------|----------|-------|-------------|----------|-----|-----------|

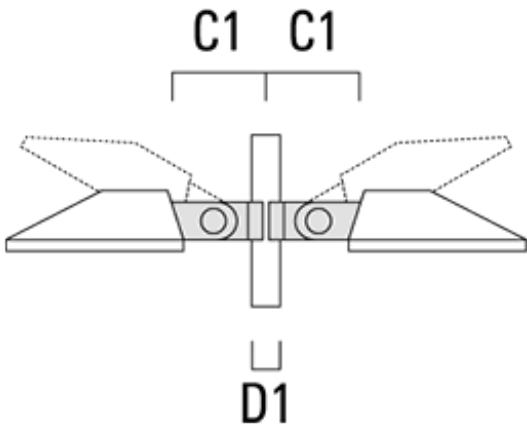


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| Description                            | Part ID  | C1    | D1        | Weight (lb) | C   | D       |
|----------------------------------------|----------|-------|-----------|-------------|-----|---------|
| SI2-530 Pole clamp, double (Ø 3"-3.5")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

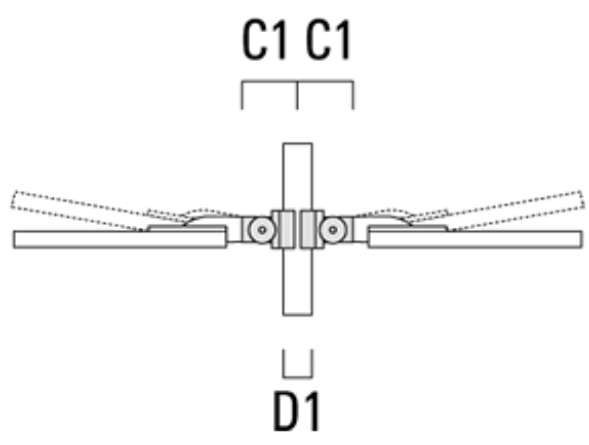


|                                        |          |       |           |           |     |           |
|----------------------------------------|----------|-------|-----------|-----------|-----|-----------|
| SI2-530 Pole clamp, double (Ø 4"-4.5") | 111-0069 | 7.68" | 4.0"-4.5" | 11.00 lbs | 195 | 102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



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| 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 |



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. |