

108-0862

VFL540 LED

**we-ef**



**Description**

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

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. Spigot Ø 3"x5" optional available, must be indicated during order placement. Luminaire is factory-sealed and does not need to be opened during installation.

Recommended mounting height 20-40 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             | 18.10 lb                     |
| Light distribution | [S70] Type II Short          |
| Light source       | LED-42/42W / 350 mA - 3000 K |
| CRI                | 80                           |
| Power supply       | electronic gear              |
| BUG                | B1 U0 G1                     |
| LEDs               | 42                           |
| Rated input power  | 46 W                         |

**Nominal Lumen (lm)**

|             |      |
|-------------|------|
| LED Lumen   | 155  |
| Total Lumen | 6510 |
| Tj          | 85   |

**Rated lumens (lm)**

|             |        |
|-------------|--------|
| LED Lumen   | 142.6  |
| Total Lumen | 5990.2 |
| Ta          | 25     |

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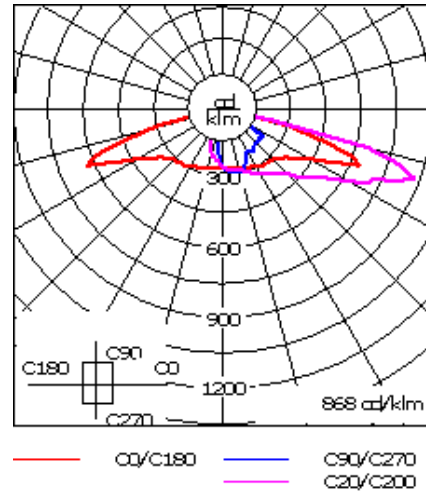
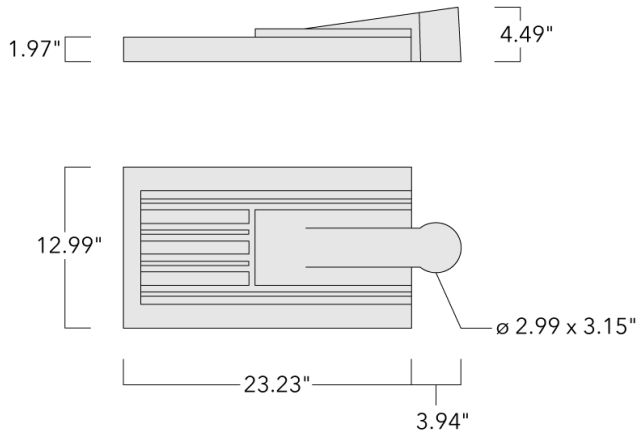
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For DarkSky compliant configurations of this product, please find the spec sheet and DarkSky certificate in the library.

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## Specifications

### Material description

|                      |   |
|----------------------|---|
| Body                 | Marine-grade, die-cast aluminium alloy  |
| Lens                 | PMMA RFC Reflection Contour Lens technology   |
| 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 rubber gasket  |
| Fasteners            | PCS Polymer Coated Stainless Steel hardware   |
| Ingress protection   | IP66  |
| Impact resistance    | IK08  |
| Corrosion resistance | 5CE   |
| Windage              | 2.10 ft <sup>2</sup>  |

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**Electrical description**

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|                  |   |
|------------------|---|
| 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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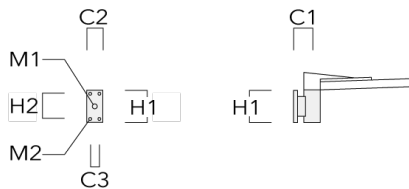
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**Mounting Accessories**

**Wall and pole brackets RV**

| Description      | Part ID  | Additional information | C1 | C2    | C3    | D1    | D × L1 | H1    | H2   | M1   | M2    | Weight (lb) | C   | D | H |  |
|------------------|----------|------------------------|----|-------|-------|-------|--------|-------|------|------|-------|-------------|-----|---|---|--|
| RVO Wall bracket | 108-0979 | RVO Wall bracket       |    | 4.25" | 3.94" | 2.36" |        | 7.87" | 6.3" | 1.5" | 0.47" | 4.41        | 108 |   |   |  |

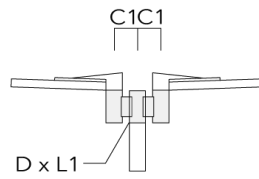


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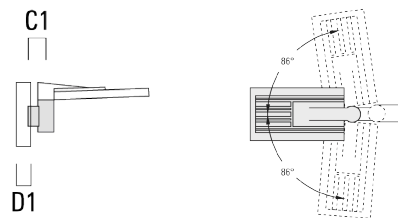
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| Description                 | Part ID  | Additional information | C1 | C2 | C3 | D1 | D x L1 | H1 | H2 | M1 | M2 | Weight (lb) | C   | D  | H   |
|-----------------------------|----------|------------------------|----|----|----|----|--------|----|----|----|----|-------------|-----|----|-----|
| RV2-76 Pole bracket, double | 108-0980 | 5.79                   |    |    |    |    | 3 x 4  |    |    |    |    | 10.58       | 147 | 76 | 200 |



|                  |          |       |  |  |  |  |           |  |  |  |  |          |     |  |     |
|------------------|----------|-------|--|--|--|--|-----------|--|--|--|--|----------|-----|--|-----|
| RV5 Pole bracket | 108-0982 | 4.25" |  |  |  |  | 3.0"-9.5" |  |  |  |  | 3.75 lbs | 106 |  | 200 |
|------------------|----------|-------|--|--|--|--|-----------|--|--|--|--|----------|-----|--|-----|



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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. |

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