

## VFL540 LED

**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
T <sub>j</sub>	85

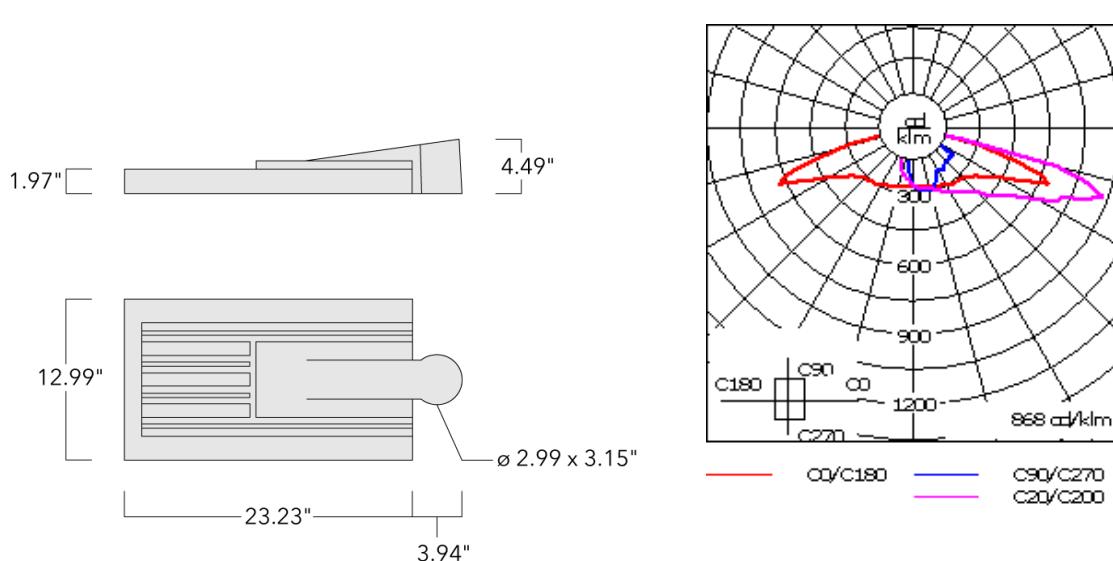
**Delivered lumens (lm)**

LED Lumen	142.6
Total Lumen	5990.2
T <sub>a</sub>	25

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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; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <span style="display: inline-block; width: 20px; height: 15px; background-color: black; border: 1px solid black;"></span>  RAL9004 Black         </div> <div style="text-align: center;"> <span style="display: inline-block; width: 20px; height: 15px; background-color: #808080; border: 1px solid black;"></span>  RAL9007 Grey Metallic         </div> <div style="text-align: center;"> <span style="display: inline-block; width: 20px; height: 15px; background-color: #F0F0F0; border: 1px solid black;"></span>  RAL9016 White         </div> <div style="text-align: center;"> <span style="display: inline-block; width: 20px; height: 15px; background-color: #555555; border: 1px solid black;"></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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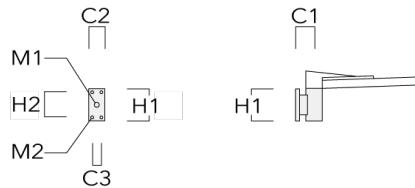
Lifetime	Ta=25°/40° L90B10 > 90000h
BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare.
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.

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## Mounting Accessories

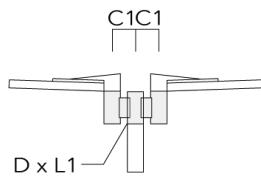
### Wall and pole brackets RV

Description	Part ID	Additional information	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight C (lb)	D	H	
RV0 Wall bracket	108-0979	RV0 Wall bracket	4.25"	3.94"	2.36"		7.87"	6.3"	1.5"	0.47"	4.41	108 lbs		

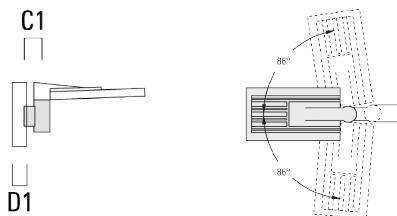


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Description	Part ID	Additional information	C2	C3	D1	D x L1	H1	H2	M1	M2	Weight C (lb)	D	H	
RV2-76 Pole bracket, double	108-0980		5.79			3 x 4					10.58	147	76	200



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



## Optical Accessories

### Light shield

Description	Part ID	Additional information
LS180-[A60]	430-0038	Light shield LS180 to greatly reduce or eliminate light pollution. PA injection moulded component, black matt. Suitable for asymmetric light distribution [A60].
LS180	430-0029	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S60], [S65], [S70], [R65], [P65] lenses. Must be specified at time of ordering.