108-0914

VFL540 LED

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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)

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Weight	18.10 lb
Light distribution	[S60] Type III Short
Light source	LED-42/84W / 700 mA - 3000 K
CRI	80
Power supply	electronic gear
BUG	B2 U0 G2
LEDs	42
Rated input power	96 W
Nominal Lumen (lm)	
LED Lumen	290
Total Lumen	12180
Tj	85
Delivered lumens (lm)	
LED Lumen	261.2
Total Lumen	10970.2
Ta	25

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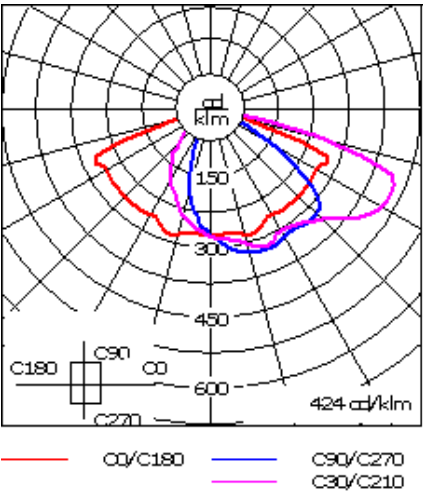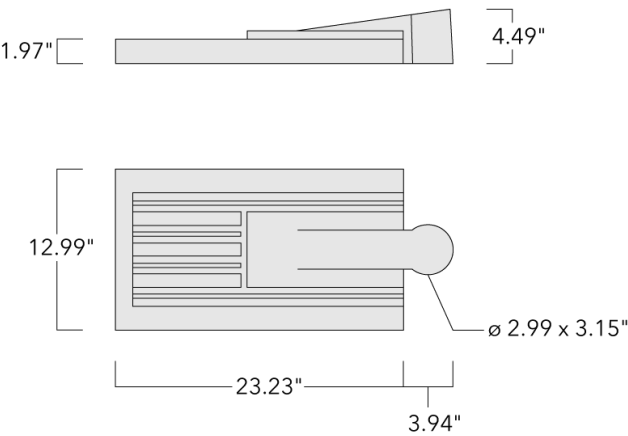
Specifications
Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	PMMA RFC Reflection Contour Lens technology
Colors	◼ RAL9004 Black
	◼ RAL9007 Grey Metallic
	◻ RAL9016 White
	◼ RAL8019 Dark Bronze
Gasket	Silicone rubber gasket
Fasteners	PCS Polymer Coated Stainless Steel hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	2.10 ft²

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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 EC electronic converter
Power factor	> 0.9
Surge protection	In-line bracket 10kV Surge Protector

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	C1	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight (lb)	C	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 lbs	108		
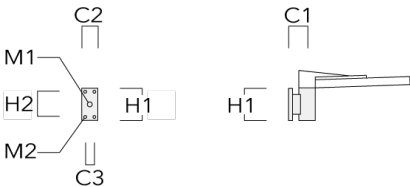
Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight (lb)	C	D	H
RV2-76 Pole bracket, double	108-0980	5.79					3 x 4					10.58	147	76	200
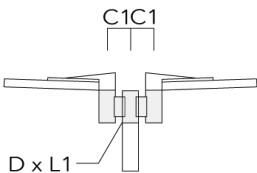
| RV5 Pole bracket | 108-0982 | 4.25" | | | | | 3.0"-9.5" | | | | | 3.75 lbs | 106 | | 200 |

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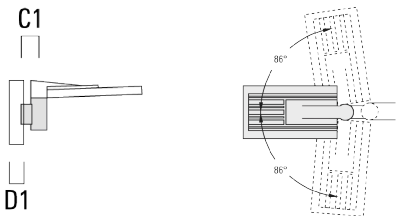
Optical Accessories

Light shield

Description	Part ID	Additional information
LS180-[A60]	430-0038	Light shield LS180 to greatly reduce or eliminate light pollution. 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.