

VFL520 LED

Street and Area Lighting

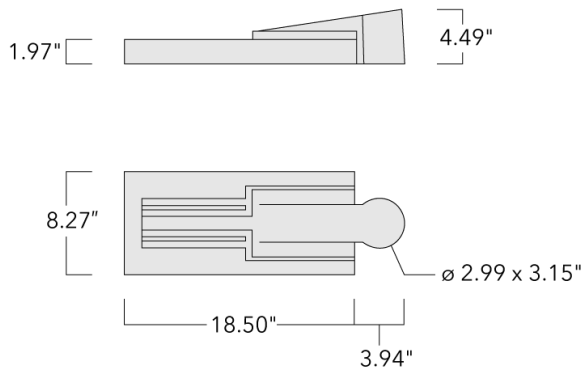
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Description

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 10-20 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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Street and Area Lighting**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	1.16 ft ²

Electrical description

Power supply	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Driver / Ballast	Integral EC electronic converter
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.

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Options

Light distribution



[S60] Type III Short



[S65] Type III Medium



[S70] Type II Short



[R65] Type IV Medium



[A60] Type IV Very Short



[P65] Type II Medium

Color temperature



3000 K



4000 K



2700 K

Nominal Watt

15 W

29 W

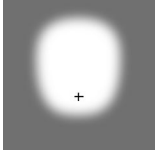
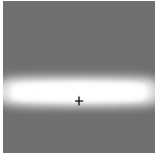
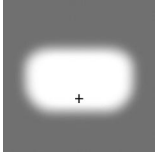
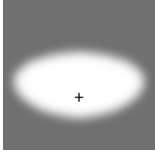
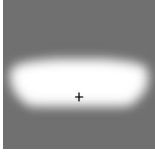

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Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
[A60] Type IV Very Short 	108-1496	LED-12/12W / 350 mA - 3000 K	1635	13.9 W	80	10.40
	108-1497	LED-12/12W / 350 mA - 4000 K	1793.2	13.9 W	80	10.40
	108-1498	LED-12/24W / 700 mA - 3000 K	2948.9	27 W	80	10.40
	108-1499	LED-12/24W / 700 mA - 4000 K	3152.3	27 W	80	10.40
	108-2313	LED-12/12W / 350 mA - 2700 K	1529.5	13.9 W	80	10.40
	108-2314	LED-12/24W / 700 mA - 2700 K	2745.5	27 W	80	10.40
[P65] Type II Medium 	108-1500	LED-12/12W / 350 mA - 3000 K	1708.3	13.9 W	80	10.40
	108-1501	LED-12/12W / 350 mA - 4000 K	1873.6	13.9 W	80	10.40
	108-1502	LED-12/24W / 700 mA - 3000 K	3122.4	27 W	80	10.40
	108-1503	LED-12/24W / 700 mA - 4000 K	3337.7	27 W	80	10.40
	108-2315	LED-12/12W / 350 mA - 2700 K	1598.1	13.9 W	80	10.40
	108-2316	LED-12/24W / 700 mA - 2700 K	2907.1	27 W	80	10.40
[R65] Type IV Medium 	108-1492	LED-12/12W / 350 mA - 3000 K	1670.7	13.9 W	80	10.40
	108-1493	LED-12/12W / 350 mA - 4000 K	1832.4	13.9 W	80	10.40
	108-1494	LED-12/24W / 700 mA - 3000 K	3013.3	27 W	80	10.40
	108-1495	LED-12/24W / 700 mA - 4000 K	3221.1	27 W	80	10.40
	108-2311	LED-12/12W / 350 mA - 2700 K	1562.9	13.9 W	80	10.40
	108-2312	LED-12/24W / 700 mA - 2700 K	2805.5	27 W	80	10.40
[S60] Type III Short 	108-1480	LED-12/12W / 350 mA - 3000 K	1722.4	13.9 W	80	10.40
	108-1481	LED-12/12W / 350 mA - 4000 K	1889.1	13.9 W	80	10.40
	108-1482	LED-12/24W / 700 mA - 3000 K	3154	27 W	80	10.40
	108-1483	LED-12/24W / 700 mA - 4000 K	3371.5	27 W	80	10.40
	108-1890	LED-12/24W / 700 mA - 2700 K	2936.4	27 W	80	10.40
	108-2303	LED-12/12W / 350 mA - 2700 K	1611.3	13.9 W	80	10.40
[S65] Type III Medium 	108-1484	LED-12/12W / 350 mA - 3000 K	1744.9	13.9 W	80	10.40
	108-1485	LED-12/12W / 350 mA - 4000 K	1913.7	13.9 W	80	10.40
	108-1486	LED-12/24W / 700 mA - 3000 K	3211.3	27 W	80	10.40
	108-1487	LED-12/24W / 700 mA - 4000 K	3432.7	27 W	80	10.40
	108-2304	LED-12/12W / 350 mA - 2700 K	1632.3	13.9 W	80	10.40
	108-2308	LED-12/24W / 700 mA - 2700 K	2989.8	27 W	80	10.40
[S70] Type II Short 	108-1488	LED-12/12W / 350 mA - 3000 K	1714.3	13.9 W	80	10.40
	108-1489	LED-12/12W / 350 mA - 4000 K	1880.2	13.9 W	80	10.40

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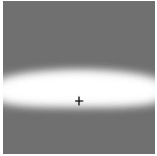
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	108-1490	LED-12/24W / 700 mA - 3000 K	3131.1	27 W	80	10.40
	108-1491	LED-12/24W / 700 mA - 4000 K	3347	27 W	80	10.40
	108-2309	LED-12/12W / 350 mA - 2700 K	1603.7	13.9 W	80	10.40
	108-2310	LED-12/24W / 700 mA - 2700 K	2915.1	27 W	80	10.40

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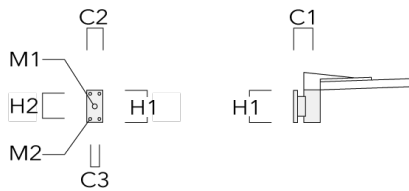
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Mounting Accessories

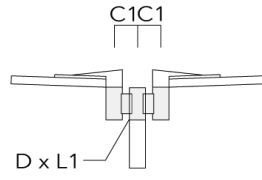
Wall and pole brackets RV

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			

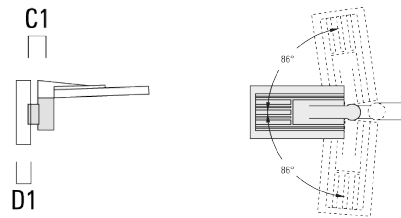


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Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight (lb)	C	D	H
RV2-76 Pole bracket, double	108-0980	5.79					3 x 4					10.58	147	76	200



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.