

PFL540 LED

Street and Area Lighting

we-ef



WE-EF LIGHTING USA, LLC

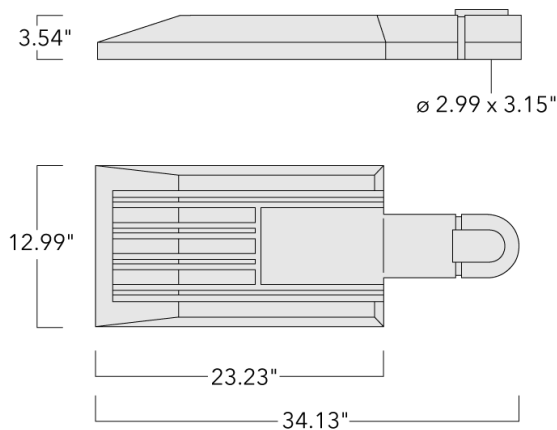
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

PFL540 LED

Street and Area Lighting



Description

IP66. Class I. 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. The luminaire is factory-sealed, factory-wired and supplied with 33' of black, three conductor, flexible SEOW cord for power connection at pole-base hand hole.

Recommended mounting height 12-40 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)

WE-EF LIGHTING USA, LLC





410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>
Subject to technical changes and errors. - Generated on 11/23/2024

PFL540 LED

Street and Area Lighting

Specifications

Material description

Body	Marine-grade die-cast aluminium alloy
Lens	PMMA RFC Reflection Contuor 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	0.5

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

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.

WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>
Subject to technical changes and errors. - Generated on 11/23/2024

PFL540 LED

Street and Area Lighting

Options

Light distribution



[S70] Type II Short



[S65] Type III Medium



[S60] Type III Short



[R65] Type IV Medium



[A60] Type IV Very Short

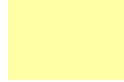


pedestrian crossing, left-hand traffic [P45L]



pedestrian crossing, right-hand traffic [P45R]

Color temperature



4000 K



3000 K



2700 K

Nominal Watt

115 W

85 W

57 W

83 W

119 W

156 W

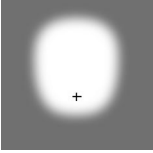
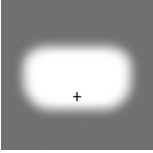
WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
[A60] Type IV Very Short 	108-0961	LED-24/48W / 700 mA - 4000 K	6145.6	54 W	80	28.66
	108-0962	LED-36/72W / 700 mA - 4000 K	9218.5	79 W	80	30.86
	108-0963	LED-48/96W / 700 mA - 4000 K	12291.3	105.5 W	80	33.07
	108-0964	LED-24/72W / 1050 mA - 4000 K	8901.8	81 W	80	28.66
	108-0965	LED-36/108W / 1050 mA - 4000 K	13352.6	119 W	80	30.86
	108-0966	LED-48/144W / 1050 mA - 4000 K	17803.5	159 W	80	33.07
	108-1019	LED-24/48W / 700 mA - 3000 K	5749.1	54 W	80	28.66
	108-1021	LED-24/72W / 1050 mA - 3000 K	8506.1	81 W	80	28.66
	108-1023	LED-36/72W / 700 mA - 3000 K	8623.7	79 W	80	30.86
	108-1025	LED-36/108W / 1050 mA - 3000 K	12759.2	119 W	80	30.86
	108-1027	LED-48/96W / 700 mA - 3000 K	11498.3	105.5 W	80	33.07
	108-1029	LED-48/144W / 1050 mA - 3000 K	17012.3	159 W	80	33.07
	108-2478	LED-24/48W / 700 mA - 2700 K	5352.6	54 W	80	28.66
	108-2479	LED-24/72W / 1050 mA - 2700 K	8110.5	81 W	80	28.66
	108-2480	LED-36/72W / 700 mA - 2700 K	8029	79 W	80	30.86
108-2481	LED-36/108W / 1050 mA - 2700 K	12165.7	119 W	80	30.86	
108-2482	LED-48/96W / 700 mA - 2700 K	10705.3	105.5 W	80	33.07	
108-2483	LED-48/144W / 1050 mA - 2700 K	16221	159 W	80	33.07	
[R65] Type IV Medium 	108-0955	LED-24/48W / 700 mA - 4000 K	6295.7	54 W	80	28.66
	108-0956	LED-36/72W / 700 mA - 4000 K	9443.5	79 W	80	30.86
	108-0957	LED-48/96W / 700 mA - 4000 K	12591.3	105.5 W	80	33.07
	108-0958	LED-24/72W / 1050 mA - 4000 K	9104.5	81 W	80	28.66
	108-0959	LED-36/108W / 1050 mA - 4000 K	13656.7	119 W	80	30.86
	108-0960	LED-48/144W / 1050 mA - 4000 K	18209	159 W	80	33.07
	108-1031	LED-24/48W / 700 mA - 3000 K	5889.5	54 W	80	28.66
	108-1033	LED-24/72W / 1050 mA - 3000 K	8699.8	81 W	80	28.66
	108-1035	LED-36/72W / 700 mA - 3000 K	8834.2	79 W	80	30.86
	108-1037	LED-36/108W / 1050 mA - 3000 K	13049.8	119 W	80	30.86
	108-1039	LED-48/96W / 700 mA - 3000 K	11779	105.5 W	80	33.07
	108-1041	LED-48/144W / 1050 mA - 3000 K	17399.7	159 W	80	33.07
	108-2472	LED-24/48W / 700 mA - 2700 K	5483.3	54 W	80	28.66
	108-2473	LED-24/72W / 1050 mA - 2700 K	8295.2	81 W	80	28.66

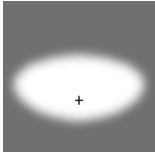
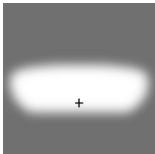
WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	108-2474	LED-36/72W / 700 mA - 2700 K	8225	79 W	80	30.86
	108-2475	LED-36/108W / 1050 mA - 2700 K	12442.8	119 W	80	30.86
	108-2476	LED-48/96W / 700 mA - 2700 K	10966.6	105.5 W	80	33.07
	108-2477	LED-48/144W / 1050 mA - 2700 K	16590.4	159 W	80	33.07
[S60] Type III Short	108-0949	LED-24/48W / 700 mA - 4000 K	6701	54 W	80	28.66
	108-0950	LED-36/72W / 700 mA - 4000 K	10051.6	79 W	80	30.86
	108-0951	LED-48/96W / 700 mA - 4000 K	13402.1	105.5 W	80	33.07
	108-0952	LED-24/72W / 1050 mA - 4000 K	9628.2	81 W	80	28.66
	108-0953	LED-36/108W / 1050 mA - 4000 K	14442.3	119 W	80	30.86
	108-0954	LED-48/144W / 1050 mA - 4000 K	19256.4	159 W	80	33.07
	108-0985	LED-24/48W / 700 mA - 3000 K	6268.7	54 W	80	28.66
	108-0987	LED-24/72W / 1050 mA - 3000 K	9200.3	81 W	80	28.66
	108-0989	LED-36/108W / 1050 mA - 3000 K	13800.4	119 W	80	30.86
	108-0991	LED-48/144W / 1050 mA - 3000 K	18400.5	159 W	80	33.07
	108-0993	LED-36/72W / 700 mA - 3000 K	9403.1	79 W	80	30.86
	108-0995	LED-48/96W / 700 mA - 3000 K	12537.4	105.5 W	80	33.07
	108-2454	LED-24/48W / 700 mA - 2700 K	5836.4	54 W	80	28.66
	108-2455	LED-24/72W / 1050 mA - 2700 K	8772.3	81 W	80	28.66
	108-2456	LED-36/72W / 700 mA - 2700 K	8754.6	79 W	80	30.86
	108-2457	LED-36/108W / 1050 mA - 2700 K	13158.5	119 W	80	30.86
	108-2458	LED-48/96W / 700 mA - 2700 K	11672.8	105.5 W	80	33.07
	108-2459	LED-48/144W / 1050 mA - 2700 K	17544.7	159 W	80	33.07
	108-2638-70	LED-48/207W / 1400 mA - 2700 K	25675.2	214 W	70	13.00
	108-2639-70	LED-48/207W / 1400 mA - 3000 K	26745	214 W	70	13.00
	108-2640-70	LED-48/207W / 1400 mA - 4000 K	27814.8	214 W	70	13.00
[S65] Type III Medium	108-0828	LED-24/48W / 700 mA - 4000 K	6763.7	54 W	80	30.86
	108-0829	LED-24/72W / 1050 mA - 4000 K	9816.6	81 W	80	28.66
	108-0830	LED-36/72W / 700 mA - 4000 K	10145.6	79 W	80	30.86
	108-0831	LED-36/108W / 1050 mA - 4000 K	14725	119 W	80	30.86
	108-0832	LED-48/96W / 700 mA - 4000 K	13527.4	105.5 W	80	33.07
	108-0833	LED-48/144W / 1050 mA - 4000 K	19633.3	159 W	80	33.07
	108-1009	LED-24/48W / 700 mA - 3000 K	6327.3	54 W	80	28.66
	108-1011	LED-24/72W / 1050 mA - 3000 K	9380.3	81 W	80	28.66

WE-EF LIGHTING USA, LLC

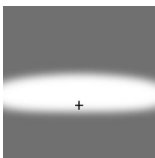
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

PFL540 LED

Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	108-1013	LED-36/108W / 1050 mA - 3000 K	14070.5	119 W	80	30.86
	108-1015	LED-48/96W / 700 mA - 3000 K	12654.7	105.5 W	80	33.07
	108-1017	LED-48/144W / 1050 mA - 3000 K	18760.7	159 W	80	33.07
	108-1043	LED-36/72W / 700 mA - 3000 K	9491	79 W	80	30.86
	108-2460	LED-24/48W / 700 mA - 2700 K	5891	54 W	80	28.66
	108-2461	LED-24/72W / 1050 mA - 2700 K	8944.1	81 W	80	28.66
	108-2462	LED-36/72W / 700 mA - 2700 K	8836.5	79 W	80	30.86
	108-2463	LED-36/108W / 1050 mA - 2700 K	13416.1	119 W	80	30.86
	108-2464	LED-48/96W / 700 mA - 2700 K	11781.9	105.5 W	80	33.07
	108-2465	LED-48/144W / 1050 mA - 2700 K	17888.1	159 W	80	33.07
	108-2641-70	LED-48/207W / 1400 mA - 2700 K	26177.7	214 W	70	15.00
	108-2642-70	LED-48/207W / 1400 mA - 3000 K	27268.5	214 W	70	13.00
	108-2643-70	LED-48/207W / 1400 mA - 4000 K	28359.2	214 W	70	13.00
[S70] Type II Short	108-0822	LED-48/96W / 700 mA - 4000 K	13171.5	105.5 W	80	33.07
	108-0823	LED-36/72W / 700 mA - 4000 K	9878.6	79 W	80	30.86
	108-0824	LED-24/48W / 700 mA - 4000 K	6585.8	54 W	80	28.66
	108-0825	LED-24/72W / 1050 mA - 4000 K	9478.2	81 W	80	28.66
	108-0826	LED-36/108W / 1050 mA - 4000 K	14217.3	119 W	80	30.86
	108-0827	LED-48/144W / 1050 mA - 4000 K	18956.4	159 W	80	33.07
	108-0997	LED-24/48W / 700 mA - 3000 K	6160.9	54 W	80	28.66
	108-0999	LED-24/72W / 1050 mA - 3000 K	9056.9	81 W	80	28.66
	108-1001	LED-36/72W / 700 mA - 3000 K	9241.3	79 W	80	30.86
	108-1003	LED-36/108W / 1050 mA - 3000 K	13585.4	119 W	80	30.86
	108-1005	LED-48/96W / 700 mA - 3000 K	12321.7	105.5 W	80	33.07
	108-1007	LED-48/144W / 1050 mA - 3000 K	18113.9	159 W	80	33.07
	108-2466	LED-24/48W / 700 mA - 2700 K	5736	54 W	80	28.66
	108-2467	LED-24/72W / 1050 mA - 2700 K	8635.7	81 W	80	28.66
	108-2468	LED-36/72W / 700 mA - 2700 K	8604	79 W	80	30.86
	108-2469	LED-36/108W / 1050 mA - 2700 K	12953.5	119 W	80	30.86
	108-2470	LED-48/96W / 700 mA - 2700 K	11472	105.5 W	80	33.07
	108-2471	LED-48/144W / 1050 mA - 2700 K	17271.4	159 W	80	33.07
pedestrian crossing, left-hand traffic	108-1963	LED-36/72W / 700 mA - 3000 K	9127.9	79 W	80	30.86
[P45L]	108-1964	LED-36/72W / 700 mA - 4000 K	9757.4	79 W	80	30.86

WE-EF LIGHTING USA, LLC

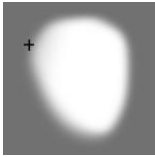
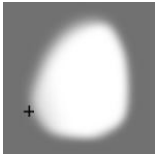
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

PFL540 LED

Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	108-1967	LED-48/96W / 700 mA - 3000 K	12170.5	105.5 W	80	30.86
	108-1968	LED-48/96W / 700 mA - 4000 K	13009.9	105.5 W	80	30.86
	108-1971	LED-36/108W / 1050 mA - 3000 K	13047.5	119 W	80	30.86
	108-1972	LED-36/108W / 1050 mA - 4000 K	13654.4	119 W	80	30.86
	108-1975	LED-48/144W / 1050 mA - 3000 K	17396.7	159 W	80	30.86
	108-1976	LED-48/144W / 1050 mA - 4000 K	18205.8	159 W	80	30.86
pedestrian crossing, right-hand traffic [P45R] 	108-1965	LED-36/72W / 700 mA - 3000 K	9018.9	79 W	80	30.86
	108-1966	LED-36/72W / 700 mA - 4000 K	9640.9	79 W	80	30.86
	108-1969	LED-48/96W / 700 mA - 3000 K	12025.2	105.5 W	80	30.86
	108-1970	LED-48/96W / 700 mA - 4000 K	12854.5	105.5 W	80	30.86
	108-1973	LED-36/108W / 1050 mA - 3000 K	13103.3	119 W	80	30.86
	108-1974	LED-36/108W / 1050 mA - 4000 K	13712.7	119 W	80	30.86
	108-1977	LED-48/144W / 1050 mA - 3000 K	17471	159 W	80	30.86
	108-1978	LED-48/144W / 1050 mA - 4000 K	18283.6	159 W	80	30.86

WE-EF LIGHTING USA, LLC

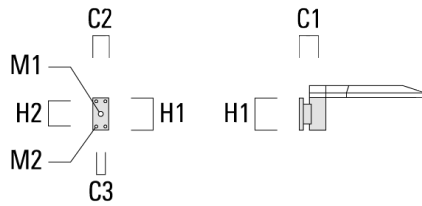
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

Mounting Accessories

Wall and pole brackets RV

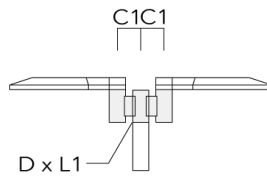
Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	L	M1	M2	Weight (lb)	C	D	H
RVO Wall bracket	108-0979	RVO Wall bracket		4.25"	3.94"	2.36"		7.87"	6.3"		1.5"	0.47"	4.41	108		



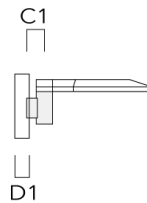
PFL540 LED

Street and Area Lighting

Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	L	M1	M2	Weight (lb)	C	D	H
RV2-76 Pole bracket, double	108-0980	5.79					3 x 4			2.99			10.58	147	76	200



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



WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030
 customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

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.