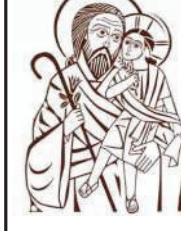


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Issue	Issue Name	Date

ST. JOSEPH CHURCH / SUNDAY SCHOOL BUILDING

5013 E Broadway Rd, Mesa, AZ 85206

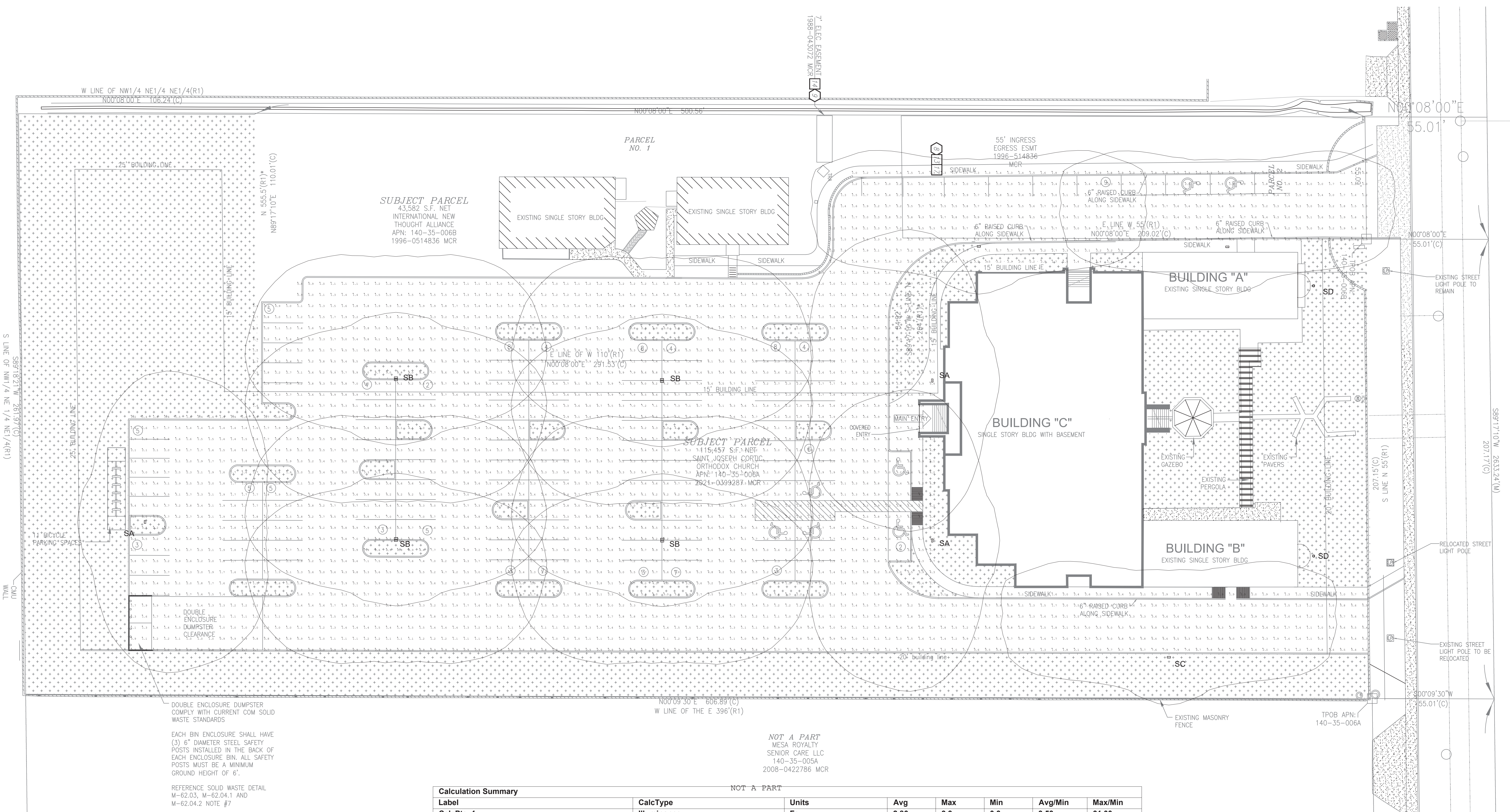


Sheet Name
PHOTOMETRIC PLAN

Original Issue 3/11/2024 / PERMIT PACKAGE
 Sheet Number

PH 1.01

Project # 190
 Drawing Date 3/11/2024



DOUBLE ENCLOSURE DUMPSTER COMPLY WITH CURRENT COM SOLID WASTE STANDARDS
 EACH BIN ENCLOSURE SHALL HAVE (3) 4" DIAMETER STEEL SAFETY POSTS INSTALLED IN THE BACK OF EACH ENCLOSURE BIN. ALL SAFETY POSTS MUST BE A MINIMUM GROUND HEIGHT OF 6'.
 REFERENCE SOLID WASTE DETAIL M-62.03, M-62.04.1 AND M-62.04.2 NOTE #7

FLC260 LED
 Floodlights
 Type SD

we-ef

2 @ 90 PFL540 LED
 Street and Area Lighting
 Type SB

we-ef

108-0960 PFL540 LED
 Type SA
 Type SB 2 @ 180

we-ef

108-0960

PFL540 LED

we-ef

Type SA
Type SB 2 @ 180



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)

Weight	33.07
Light distribution	[R65] Type IV Medium
Light source	LED-48/144W / 1050 mA - 4000 K
CRI	80
Power supply	EC
BUG	B3 U0 G3

Nominal Lumen (lm)

LED Lumen	450.0 lm
LEDs	48
Total Lumen	21600.0 lm
Tj	85°C

Rated lumens (lm)

LED Lumen	379.4 lm
Total Lumen	18209.0 lm
Ta	25°C
Rated input power	159 W

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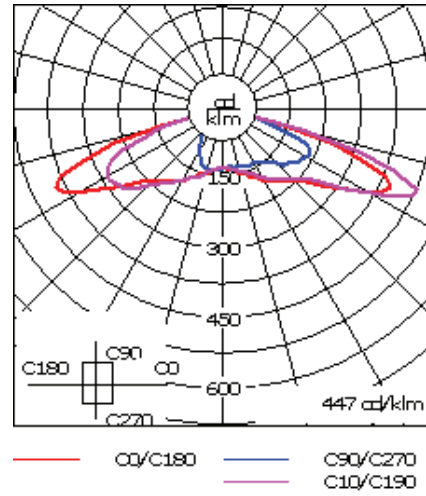
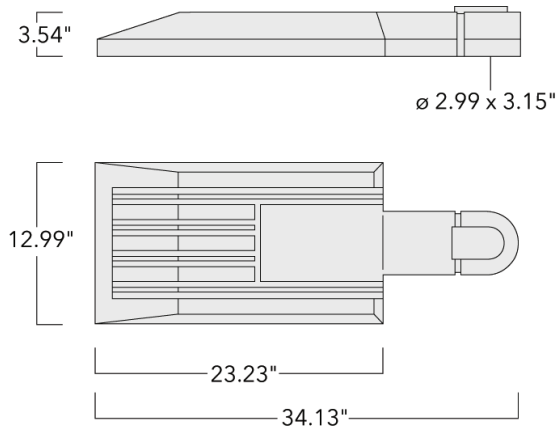
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108-0960

PFL540 LED

we-ef



Specifications

Material description

Body	Marine-grade die-cast aluminium alloy
Lens	PMMA RFC Reflection Contuor Lens technology
Colors	<ul style="list-style-type: none"> RAL9004 Black RAL9007 Grey Metallic <li style="border: 2px solid red; padding: 2px;"> 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

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108-0960

PFL540 LED

we-ef

Electrical description

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

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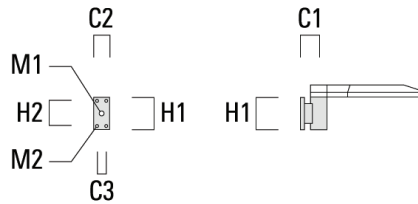
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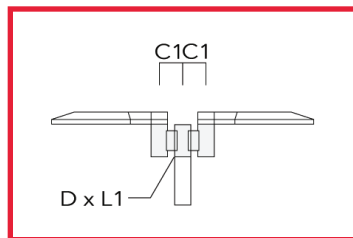
Mounting Accessories

Wall and pole brackets RV

Description	Part ID	Text	C1	C2	C3	D1	DxL1	H1	H2	L	M1	M2	Weight	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	108			lbs



RV2-76 Pole bracket, double	108-0980		5.79				3 x 4			2.99			10.58	147	76	200
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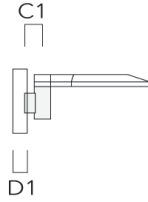


108-0960

PFL540 LED

we-ef

Description	Part ID	Text	C1	C2	C3	D1	Dx1	H1	H2	L	M1	M2	Weight	C	D	H
RV5 Pole bracket	108-0982		4.25"			3.0"-9.5"							3.75	106		200
													lbs			



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108-0960

PFL540 LED

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Optical Accessories

Light shield

Description	Part ID	Text
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	Light shield LS180 to greatly reduce or eliminate light pollution. PA injection moulded component, black matt. Suitable for asymmetric light distribution [S60], [S65], [S70], [R65], [P65].

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108-0960

PFL540 LED

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PFL540 LED

Street and Area Lighting

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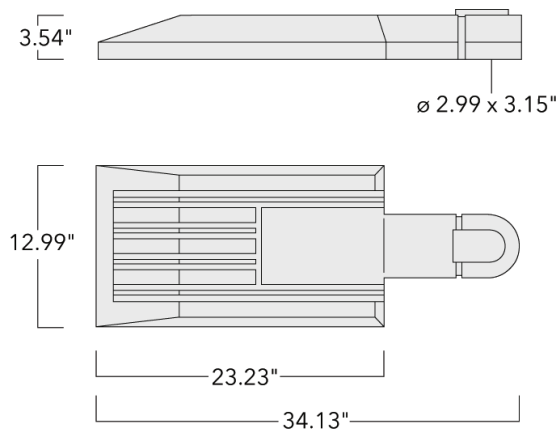
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2 @ 90 PFL540 LED

we-ef

Street and Area Lighting

Type SB



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)

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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
Termination	
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.

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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

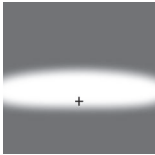
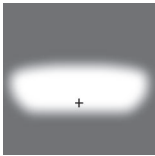
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Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
[S70] Type II Short 	108-0822	LED-48/96W / 700 mA - 4000 K	13171.5 lm	105.5 W	80	33.07
	108-0823	LED-36/72W / 700 mA - 4000 K	9878.6 lm	79 W	80	30.86
	108-0824	LED-24/48W / 700 mA - 4000 K	6585.8 lm	54 W	80	28.66
	108-0825	LED-24/72W / 1050 mA - 4000 K	9478.2 lm	81 W	80	28.66
	108-0826	LED-36/108W / 1050 mA - 4000 K	14217.3 lm	119 W	80	30.86
	108-0827	LED-48/144W / 1050 mA - 4000 K	18956.4 lm	159 W	80	33.07
	108-0997	LED-24/48W / 700 mA - 3000 K	6160.9 lm	54 W	80	28.66
	108-0999	LED-24/72W / 1050 mA - 3000 K	9056.9 lm	81 W	80	28.66
	108-1001	LED-36/72W / 700 mA - 3000 K	9241.3 lm	79 W	80	30.86
	108-1003	LED-36/108W / 1050 mA - 3000 K	13585.4 lm	119 W	80	30.86
	108-1005	LED-48/96W / 700 mA - 3000 K	12321.7 lm	105.5 W	80	33.07
	108-1007	LED-48/144W / 1050 mA - 3000 K	18113.9 lm	159 W	80	33.07
	108-2466	LED-24/48W / 700 mA - 2700 K	5736.0 lm	54 W	80	28.66
	108-2467	LED-24/72W / 1050 mA - 2700 K	8635.7 lm	81 W	80	28.66
	108-2468	LED-36/72W / 700 mA - 2700 K	8604.0 lm	79 W	80	30.86
108-2469	LED-36/108W / 1050 mA - 2700 K	12953.5 lm	119 W	80	30.86	
108-2470	LED-48/96W / 700 mA - 2700 K	11472.0 lm	105.5 W	80	33.07	
108-2471	LED-48/144W / 1050 mA - 2700 K	17271.4 lm	159 W	80	33.07	
[S65] Type III Medium 	108-0828	LED-24/48W / 700 mA - 4000 K	6763.7 lm	54 W	80	30.86
	108-0829	LED-24/72W / 1050 mA - 4000 K	9816.6 lm	81 W	80	28.66
	108-0830	LED-36/72W / 700 mA - 4000 K	10145.6 lm	79 W	80	30.86
	108-0831	LED-36/108W / 1050 mA - 4000 K	14725.0 lm	119 W	80	30.86
	108-0832	LED-48/96W / 700 mA - 4000 K	13527.4 lm	105.5 W	80	33.07
	108-0833	LED-48/144W / 1050 mA - 4000 K	19633.3 lm	159 W	80	33.07
	108-1009	LED-24/48W / 700 mA - 3000 K	6327.3 lm	54 W	80	28.66
	108-1011	LED-24/72W / 1050 mA - 3000 K	9380.3 lm	81 W	80	28.66
	108-1013	LED-36/108W / 1050 mA - 3000 K	14070.5 lm	119 W	80	30.86
	108-1015	LED-48/96W / 700 mA - 3000 K	12654.7 lm	105.5 W	80	33.07
	108-1017	LED-48/144W / 1050 mA - 3000 K	18760.7 lm	159 W	80	33.07
	108-1043	LED-36/72W / 700 mA - 3000 K	9491.0 lm	79 W	80	30.86
	108-2460	LED-24/48W / 700 mA - 2700 K	5891.0 lm	54 W	80	28.66
	108-2461	LED-24/72W / 1050 mA - 2700 K	8944.1 lm	81 W	80	28.66

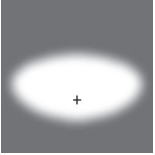
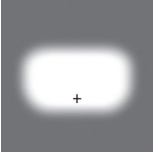
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Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
	108-2462	LED-36/72W / 700 mA - 2700 K	8836.5 lm	79 W	80	30.86
	108-2463	LED-36/108W / 1050 mA - 2700 K	13416.1 lm	119 W	80	30.86
	108-2464	LED-48/96W / 700 mA - 2700 K	11781.9 lm	105.5 W	80	33.07
	108-2465	LED-48/144W / 1050 mA - 2700 K	17888.1 lm	159 W	80	33.07
	108-2641-70	LED-48/207W / 1400 mA - 2700 K	26177.7 lm	214 W	70	15.00
	108-2642-70	LED-48/207W / 1400 mA - 3000 K	27268.5 lm	214 W	70	13.00
	108-2643-70	LED-48/207W / 1400 mA - 4000 K	28359.2 lm	214 W	70	13.00
[S60] Type III Short	108-0949	LED-24/48W / 700 mA - 4000 K	6701.0 lm	54 W	80	28.66
	108-0950	LED-36/72W / 700 mA - 4000 K	10051.6 lm	79 W	80	30.86
	108-0951	LED-48/96W / 700 mA - 4000 K	13402.1 lm	105.5 W	80	33.07
	108-0952	LED-24/72W / 1050 mA - 4000 K	9628.2 lm	81 W	80	28.66
	108-0953	LED-36/108W / 1050 mA - 4000 K	14442.3 lm	119 W	80	30.86
	108-0954	LED-48/144W / 1050 mA - 4000 K	19256.4 lm	159 W	80	33.07
	108-0985	LED-24/48W / 700 mA - 3000 K	6268.7 lm	54 W	80	28.66
	108-0987	LED-24/72W / 1050 mA - 3000 K	9200.3 lm	81 W	80	28.66
	108-0989	LED-36/108W / 1050 mA - 3000 K	13800.4 lm	119 W	80	30.86
	108-0991	LED-48/144W / 1050 mA - 3000 K	18400.5 lm	159 W	80	33.07
	108-0993	LED-36/72W / 700 mA - 3000 K	9403.1 lm	79 W	80	30.86
	108-0995	LED-48/96W / 700 mA - 3000 K	12537.4 lm	105.5 W	80	33.07
	108-2454	LED-24/48W / 700 mA - 2700 K	5836.4 lm	54 W	80	28.66
	108-2455	LED-24/72W / 1050 mA - 2700 K	8772.3 lm	81 W	80	28.66
	108-2456	LED-36/72W / 700 mA - 2700 K	8754.6 lm	79 W	80	30.86
	108-2457	LED-36/108W / 1050 mA - 2700 K	13158.5 lm	119 W	80	30.86
	108-2458	LED-48/96W / 700 mA - 2700 K	11672.8 lm	105.5 W	80	33.07
	108-2459	LED-48/144W / 1050 mA - 2700 K	17544.7 lm	159 W	80	33.07
	108-2638-70	LED-48/207W / 1400 mA - 2700 K	25675.2 lm	214 W	70	13.00
	108-2639-70	LED-48/207W / 1400 mA - 3000 K	26745.0 lm	214 W	70	13.00
	108-2640-70	LED-48/207W / 1400 mA - 4000 K	27814.8 lm	214 W	70	13.00
[R65] Type IV Medium	108-0955	LED-24/48W / 700 mA - 4000 K	6295.7 lm	54 W	80	28.66
	108-0956	LED-36/72W / 700 mA - 4000 K	9443.5 lm	79 W	80	30.86
	108-0957	LED-48/96W / 700 mA - 4000 K	12591.3 lm	105.5 W	80	33.07
	108-0958	LED-24/72W / 1050 mA - 4000 K	9104.5 lm	81 W	80	28.66
	108-0959	LED-36/108W / 1050 mA - 4000 K	13656.7 lm	119 W	80	30.86

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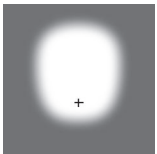
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Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
	108-0960	LED-48/144W / 1050 mA - 4000 K	18209.0 lm	159 W	80	33.07
	108-1031	LED-24/48W / 700 mA - 3000 K	5889.5 lm	54 W	80	28.66
	108-1033	LED-24/72W / 1050 mA - 3000 K	8699.8 lm	81 W	80	28.66
	108-1035	LED-36/72W / 700 mA - 3000 K	8834.2 lm	79 W	80	30.86
	108-1037	LED-36/108W / 1050 mA - 3000 K	13049.8 lm	119 W	80	30.86
	108-1039	LED-48/96W / 700 mA - 3000 K	11779.0 lm	105.5 W	80	33.07
	108-1041	LED-48/144W / 1050 mA - 3000 K	17399.7 lm	159 W	80	33.07
	108-2472	LED-24/48W / 700 mA - 2700 K	5483.3 lm	54 W	80	28.66
	108-2473	LED-24/72W / 1050 mA - 2700 K	8295.2 lm	81 W	80	28.66
	108-2474	LED-36/72W / 700 mA - 2700 K	8225.0 lm	79 W	80	30.86
	108-2475	LED-36/108W / 1050 mA - 2700 K	12442.8 lm	119 W	80	30.86
	108-2476	LED-48/96W / 700 mA - 2700 K	10966.6 lm	105.5 W	80	33.07
	108-2477	LED-48/144W / 1050 mA - 2700 K	16590.4 lm	159 W	80	33.07
[A60] Type IV Very Short	108-0961	LED-24/48W / 700 mA - 4000 K	6145.6 lm	54 W	80	28.66
	108-0962	LED-36/72W / 700 mA - 4000 K	9218.5 lm	79 W	80	30.86
	108-0963	LED-48/96W / 700 mA - 4000 K	12291.3 lm	105.5 W	80	33.07
	108-0964	LED-24/72W / 1050 mA - 4000 K	8901.8 lm	81 W	80	28.66
	108-0965	LED-36/108W / 1050 mA - 4000 K	13352.6 lm	119 W	80	30.86
	108-0966	LED-48/144W / 1050 mA - 4000 K	17803.5 lm	159 W	80	33.07
	108-1019	LED-24/48W / 700 mA - 3000 K	5749.1 lm	54 W	80	28.66
	108-1021	LED-24/72W / 1050 mA - 3000 K	8506.1 lm	81 W	80	28.66
	108-1023	LED-36/72W / 700 mA - 3000 K	8623.7 lm	79 W	80	30.86
	108-1025	LED-36/108W / 1050 mA - 3000 K	12759.2 lm	119 W	80	30.86
	108-1027	LED-48/96W / 700 mA - 3000 K	11498.3 lm	105.5 W	80	33.07
	108-1029	LED-48/144W / 1050 mA - 3000 K	17012.3 lm	159 W	80	33.07
	108-2478	LED-24/48W / 700 mA - 2700 K	5352.6 lm	54 W	80	28.66
	108-2479	LED-24/72W / 1050 mA - 2700 K	8110.5 lm	81 W	80	28.66
	108-2480	LED-36/72W / 700 mA - 2700 K	8029.0 lm	79 W	80	30.86
	108-2481	LED-36/108W / 1050 mA - 2700 K	12165.7 lm	119 W	80	30.86
	108-2482	LED-48/96W / 700 mA - 2700 K	10705.3 lm	105.5 W	80	33.07
	108-2483	LED-48/144W / 1050 mA - 2700 K	16221.0 lm	159 W	80	33.07
pedestrian crossing, left-hand traffic [P45L]	108-1963	LED-36/72W / 700 mA - 3000 K	9127.9 lm	79 W	80	30.86
	108-1964	LED-36/72W / 700 mA - 4000 K	9757.4 lm	79 W	80	30.86



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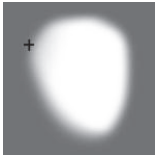
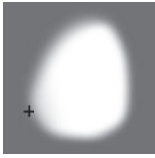
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PFL540 LED

Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
	108-1967	LED-48/96W / 700 mA - 3000 K	12170.5 lm	105.5 W	80	30.86
	108-1968	LED-48/96W / 700 mA - 4000 K	13009.9 lm	105.5 W	80	30.86
	108-1971	LED-36/108W / 1050 mA - 3000 K	13047.5 lm	119 W	80	30.86
	108-1972	LED-36/108W / 1050 mA - 4000 K	13654.4 lm	119 W	80	30.86
	108-1975	LED-48/144W / 1050 mA - 3000 K	17396.7 lm	159 W	80	30.86
	108-1976	LED-48/144W / 1050 mA - 4000 K	18205.8 lm	159 W	80	30.86
pedestrian crossing, right-hand traffic [P45R] 	108-1965	LED-36/72W / 700 mA - 3000 K	9018.9 lm	79 W	80	30.86
	108-1966	LED-36/72W / 700 mA - 4000 K	9640.9 lm	79 W	80	30.86
	108-1969	LED-48/96W / 700 mA - 3000 K	12025.2 lm	105.5 W	80	30.86
	108-1970	LED-48/96W / 700 mA - 4000 K	12854.5 lm	105.5 W	80	30.86
	108-1973	LED-36/108W / 1050 mA - 3000 K	13103.3 lm	119 W	80	30.86
	108-1974	LED-36/108W / 1050 mA - 4000 K	13712.7 lm	119 W	80	30.86
	108-1977	LED-48/144W / 1050 mA - 3000 K	17471.0 lm	159 W	80	30.86
	108-1978	LED-48/144W / 1050 mA - 4000 K	18283.6 lm	159 W	80	30.86

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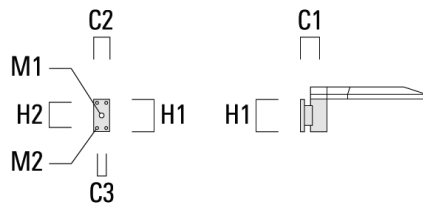
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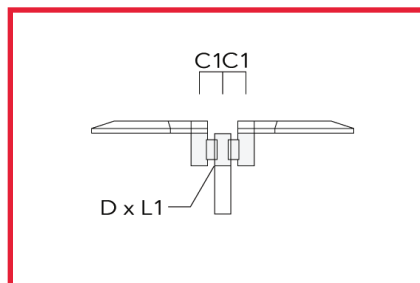
Mounting Accessories

Wall and pole brackets RV

Description	Part ID	Text	C1	C2	C3	D1	Dx1	H1	H2	L	M1	M2	Weight	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		



RV2-76 Pole bracket, double	108-0980		5.79				3 x 4			2.99			10.58	147	76	200
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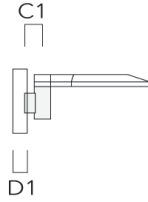


PFL540 LED



Street and Area Lighting

Description	Part ID	Text	C1	C2	C3	D1	Dx1	H1	H2	L	M1	M2	Weight	C	D	H
RV5 Pole bracket	108-0982		4.25"			3.0"-9.5"							3.75	106		200
													lbs			



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Optical Accessories**Light shield**

Description	Part ID	Text
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	Light shield LS180 to greatly reduce or eliminate light pollution. PA injection moulded component, black matt. Suitable for asymmetric light distribution [S60], [S65], [S70], [R65], [P65].

PFL540 LED

Street and Area Lighting

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PFL540 LED

Street and Area Lighting

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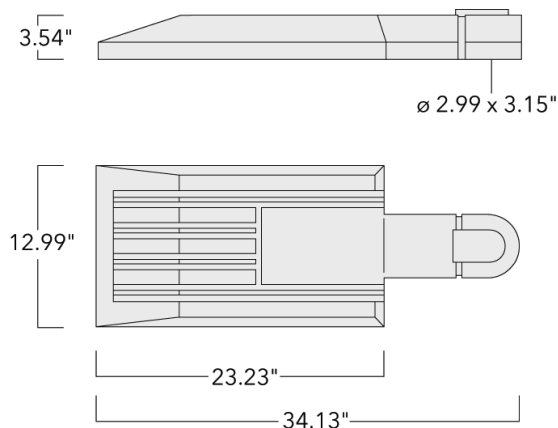


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TYPE SC**Description**

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)

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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
Termination	
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.

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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


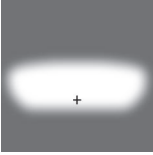
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Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight	
[S70] Type II Short 	108-0822	LED-48/96W / 700 mA - 4000 K	13171.5 lm	105.5 W	80	33.07	
	108-0823	LED-36/72W / 700 mA - 4000 K	9878.6 lm	79 W	80	30.86	
	108-0824	LED-24/48W / 700 mA - 4000 K	6585.8 lm	54 W	80	28.66	
	108-0825	LED-24/72W / 1050 mA - 4000 K	9478.2 lm	81 W	80	28.66	
	108-0826	LED-36/108W / 1050 mA - 4000 K	14217.3 lm	119 W	80	30.86	
	108-0827	LED-48/144W / 1050 mA - 4000 K	18956.4 lm	159 W	80	33.07	
	108-0997	LED-24/48W / 700 mA - 3000 K	6160.9 lm	54 W	80	28.66	
	108-0999	LED-24/72W / 1050 mA - 3000 K	9056.9 lm	81 W	80	28.66	
	108-1001	LED-36/72W / 700 mA - 3000 K	9241.3 lm	79 W	80	30.86	
	108-1003	LED-36/108W / 1050 mA - 3000 K	13585.4 lm	119 W	80	30.86	
	108-1005	LED-48/96W / 700 mA - 3000 K	12321.7 lm	105.5 W	80	33.07	
	108-1007	LED-48/144W / 1050 mA - 3000 K	18113.9 lm	159 W	80	33.07	
	108-2466	LED-24/48W / 700 mA - 2700 K	5736.0 lm	54 W	80	28.66	
	108-2467	LED-24/72W / 1050 mA - 2700 K	8635.7 lm	81 W	80	28.66	
	108-2468	LED-36/72W / 700 mA - 2700 K	8604.0 lm	79 W	80	30.86	
	108-2469	LED-36/108W / 1050 mA - 2700 K	12953.5 lm	119 W	80	30.86	
	108-2470	LED-48/96W / 700 mA - 2700 K	11472.0 lm	105.5 W	80	33.07	
	108-2471	LED-48/144W / 1050 mA - 2700 K	17271.4 lm	159 W	80	33.07	
	[S65] Type III Medium 	108-0828	LED-24/48W / 700 mA - 4000 K	6763.7 lm	54 W	80	30.86
		108-0829	LED-24/72W / 1050 mA - 4000 K	9816.6 lm	81 W	80	28.66
108-0830		LED-36/72W / 700 mA - 4000 K	10145.6 lm	79 W	80	30.86	
108-0831		LED-36/108W / 1050 mA - 4000 K	14725.0 lm	119 W	80	30.86	
108-0832		LED-48/96W / 700 mA - 4000 K	13527.4 lm	105.5 W	80	33.07	
108-0833		LED-48/144W / 1050 mA - 4000 K	19633.3 lm	159 W	80	33.07	
108-1009		LED-24/48W / 700 mA - 3000 K	6327.3 lm	54 W	80	28.66	
108-1011		LED-24/72W / 1050 mA - 3000 K	9380.3 lm	81 W	80	28.66	
108-1013		LED-36/108W / 1050 mA - 3000 K	14070.5 lm	119 W	80	30.86	
108-1015		LED-48/96W / 700 mA - 3000 K	12654.7 lm	105.5 W	80	33.07	
108-1017		LED-48/144W / 1050 mA - 3000 K	18760.7 lm	159 W	80	33.07	
108-1043		LED-36/72W / 700 mA - 3000 K	9491.0 lm	79 W	80	30.86	
108-2460		LED-24/48W / 700 mA - 2700 K	5891.0 lm	54 W	80	28.66	
108-2461		LED-24/72W / 1050 mA - 2700 K	8944.1 lm	81 W	80	28.66	

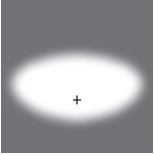
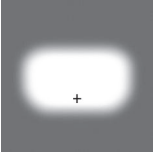
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Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
	108-2462	LED-36/72W / 700 mA - 2700 K	8836.5 lm	79 W	80	30.86
	108-2463	LED-36/108W / 1050 mA - 2700 K	13416.1 lm	119 W	80	30.86
	108-2464	LED-48/96W / 700 mA - 2700 K	11781.9 lm	105.5 W	80	33.07
	108-2465	LED-48/144W / 1050 mA - 2700 K	17888.1 lm	159 W	80	33.07
	108-2641-70	LED-48/207W / 1400 mA - 2700 K	26177.7 lm	214 W	70	15.00
	108-2642-70	LED-48/207W / 1400 mA - 3000 K	27268.5 lm	214 W	70	13.00
	108-2643-70	LED-48/207W / 1400 mA - 4000 K	28359.2 lm	214 W	70	13.00
[S60] Type III Short	108-0949	LED-24/48W / 700 mA - 4000 K	6701.0 lm	54 W	80	28.66
	108-0950	LED-36/72W / 700 mA - 4000 K	10051.6 lm	79 W	80	30.86
	108-0951	LED-48/96W / 700 mA - 4000 K	13402.1 lm	105.5 W	80	33.07
	108-0952	LED-24/72W / 1050 mA - 4000 K	9628.2 lm	81 W	80	28.66
	108-0953	LED-36/108W / 1050 mA - 4000 K	14442.3 lm	119 W	80	30.86
	108-0954	LED-48/144W / 1050 mA - 4000 K	19256.4 lm	159 W	80	33.07
	108-0985	LED-24/48W / 700 mA - 3000 K	6268.7 lm	54 W	80	28.66
	108-0987	LED-24/72W / 1050 mA - 3000 K	9200.3 lm	81 W	80	28.66
	108-0989	LED-36/108W / 1050 mA - 3000 K	13800.4 lm	119 W	80	30.86
	108-0991	LED-48/144W / 1050 mA - 3000 K	18400.5 lm	159 W	80	33.07
	108-0993	LED-36/72W / 700 mA - 3000 K	9403.1 lm	79 W	80	30.86
	108-0995	LED-48/96W / 700 mA - 3000 K	12537.4 lm	105.5 W	80	33.07
	108-2454	LED-24/48W / 700 mA - 2700 K	5836.4 lm	54 W	80	28.66
	108-2455	LED-24/72W / 1050 mA - 2700 K	8772.3 lm	81 W	80	28.66
	108-2456	LED-36/72W / 700 mA - 2700 K	8754.6 lm	79 W	80	30.86
	108-2457	LED-36/108W / 1050 mA - 2700 K	13158.5 lm	119 W	80	30.86
	108-2458	LED-48/96W / 700 mA - 2700 K	11672.8 lm	105.5 W	80	33.07
	108-2459	LED-48/144W / 1050 mA - 2700 K	17544.7 lm	159 W	80	33.07
	108-2638-70	LED-48/207W / 1400 mA - 2700 K	25675.2 lm	214 W	70	13.00
	108-2639-70	LED-48/207W / 1400 mA - 3000 K	26745.0 lm	214 W	70	13.00
	108-2640-70	LED-48/207W / 1400 mA - 4000 K	27814.8 lm	214 W	70	13.00
[R65] Type IV Medium	108-0955	LED-24/48W / 700 mA - 4000 K	6295.7 lm	54 W	80	28.66
	108-0956	LED-36/72W / 700 mA - 4000 K	9443.5 lm	79 W	80	30.86
	108-0957	LED-48/96W / 700 mA - 4000 K	12591.3 lm	105.5 W	80	33.07
	108-0958	LED-24/72W / 1050 mA - 4000 K	9104.5 lm	81 W	80	28.66
	108-0959	LED-36/108W / 1050 mA - 4000 K	13656.7 lm	119 W	80	30.86

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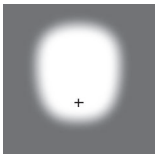
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Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
	108-0960	LED-48/144W / 1050 mA - 4000 K	18209.0 lm	159 W	80	33.07
	108-1031	LED-24/48W / 700 mA - 3000 K	5889.5 lm	54 W	80	28.66
	108-1033	LED-24/72W / 1050 mA - 3000 K	8699.8 lm	81 W	80	28.66
	108-1035	LED-36/72W / 700 mA - 3000 K	8834.2 lm	79 W	80	30.86
	108-1037	LED-36/108W / 1050 mA - 3000 K	13049.8 lm	119 W	80	30.86
	108-1039	LED-48/96W / 700 mA - 3000 K	11779.0 lm	105.5 W	80	33.07
	108-1041	LED-48/144W / 1050 mA - 3000 K	17399.7 lm	159 W	80	33.07
	108-2472	LED-24/48W / 700 mA - 2700 K	5483.3 lm	54 W	80	28.66
	108-2473	LED-24/72W / 1050 mA - 2700 K	8295.2 lm	81 W	80	28.66
	108-2474	LED-36/72W / 700 mA - 2700 K	8225.0 lm	79 W	80	30.86
	108-2475	LED-36/108W / 1050 mA - 2700 K	12442.8 lm	119 W	80	30.86
	108-2476	LED-48/96W / 700 mA - 2700 K	10966.6 lm	105.5 W	80	33.07
	108-2477	LED-48/144W / 1050 mA - 2700 K	16590.4 lm	159 W	80	33.07
[A60] Type IV Very Short	108-0961	LED-24/48W / 700 mA - 4000 K	6145.6 lm	54 W	80	28.66
	108-0962	LED-36/72W / 700 mA - 4000 K	9218.5 lm	79 W	80	30.86
	108-0963	LED-48/96W / 700 mA - 4000 K	12291.3 lm	105.5 W	80	33.07
	108-0964	LED-24/72W / 1050 mA - 4000 K	8901.8 lm	81 W	80	28.66
	108-0965	LED-36/108W / 1050 mA - 4000 K	13352.6 lm	119 W	80	30.86
	108-0966	LED-48/144W / 1050 mA - 4000 K	17803.5 lm	159 W	80	33.07
	108-1019	LED-24/48W / 700 mA - 3000 K	5749.1 lm	54 W	80	28.66
	108-1021	LED-24/72W / 1050 mA - 3000 K	8506.1 lm	81 W	80	28.66
	108-1023	LED-36/72W / 700 mA - 3000 K	8623.7 lm	79 W	80	30.86
	108-1025	LED-36/108W / 1050 mA - 3000 K	12759.2 lm	119 W	80	30.86
	108-1027	LED-48/96W / 700 mA - 3000 K	11498.3 lm	105.5 W	80	33.07
	108-1029	LED-48/144W / 1050 mA - 3000 K	17012.3 lm	159 W	80	33.07
	108-2478	LED-24/48W / 700 mA - 2700 K	5352.6 lm	54 W	80	28.66
	108-2479	LED-24/72W / 1050 mA - 2700 K	8110.5 lm	81 W	80	28.66
	108-2480	LED-36/72W / 700 mA - 2700 K	8029.0 lm	79 W	80	30.86
	108-2481	LED-36/108W / 1050 mA - 2700 K	12165.7 lm	119 W	80	30.86
	108-2482	LED-48/96W / 700 mA - 2700 K	10705.3 lm	105.5 W	80	33.07
	108-2483	LED-48/144W / 1050 mA - 2700 K	16221.0 lm	159 W	80	33.07
pedestrian crossing, left-hand traffic [P45L]	108-1963	LED-36/72W / 700 mA - 3000 K	9127.9 lm	79 W	80	30.86
	108-1964	LED-36/72W / 700 mA - 4000 K	9757.4 lm	79 W	80	30.86



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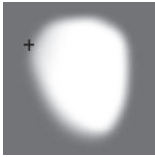
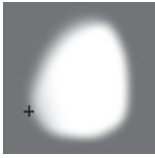
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PFL540 LED

Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
	108-1967	LED-48/96W / 700 mA - 3000 K	12170.5 lm	105.5 W	80	30.86
	108-1968	LED-48/96W / 700 mA - 4000 K	13009.9 lm	105.5 W	80	30.86
	108-1971	LED-36/108W / 1050 mA - 3000 K	13047.5 lm	119 W	80	30.86
	108-1972	LED-36/108W / 1050 mA - 4000 K	13654.4 lm	119 W	80	30.86
	108-1975	LED-48/144W / 1050 mA - 3000 K	17396.7 lm	159 W	80	30.86
	108-1976	LED-48/144W / 1050 mA - 4000 K	18205.8 lm	159 W	80	30.86
pedestrian crossing, right-hand traffic [P45R] 	108-1965	LED-36/72W / 700 mA - 3000 K	9018.9 lm	79 W	80	30.86
	108-1966	LED-36/72W / 700 mA - 4000 K	9640.9 lm	79 W	80	30.86
	108-1969	LED-48/96W / 700 mA - 3000 K	12025.2 lm	105.5 W	80	30.86
	108-1970	LED-48/96W / 700 mA - 4000 K	12854.5 lm	105.5 W	80	30.86
	108-1973	LED-36/108W / 1050 mA - 3000 K	13103.3 lm	119 W	80	30.86
	108-1974	LED-36/108W / 1050 mA - 4000 K	13712.7 lm	119 W	80	30.86
	108-1977	LED-48/144W / 1050 mA - 3000 K	17471.0 lm	159 W	80	30.86
	108-1978	LED-48/144W / 1050 mA - 4000 K	18283.6 lm	159 W	80	30.86

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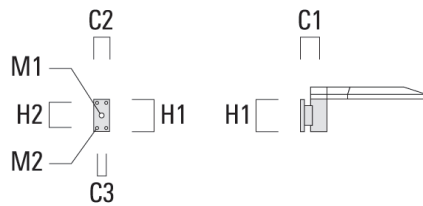
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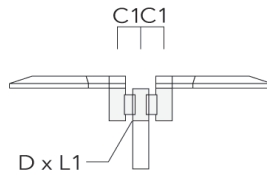
Mounting Accessories

Wall and pole brackets RV

Description	Part ID	Text	C1	C2	C3	D1	Dx1	H1	H2	L	M1	M2	Weight	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	108			lbs



RV2-76 Pole bracket, double	108-0980		5.79				3 x 4			2.99			10.58	147	76	200
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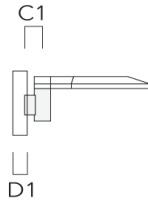
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PFL540 LED



Street and Area Lighting

Description	Part ID	Text	C1	C2	C3	D1	Dx1	H1	H2	L	M1	M2	Weight	C	D	H
RV5 Pole bracket	108-0982		4.25"			3.0"-9.5"							3.75	106		200
													lbs			



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Optical Accessories**Light shield**

Description	Part ID	Text
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	Light shield LS180 to greatly reduce or eliminate light pollution. PA injection moulded component, black matt. Suitable for asymmetric light distribution [S60], [S65], [S70], [R65], [P65].

PFL540 LED

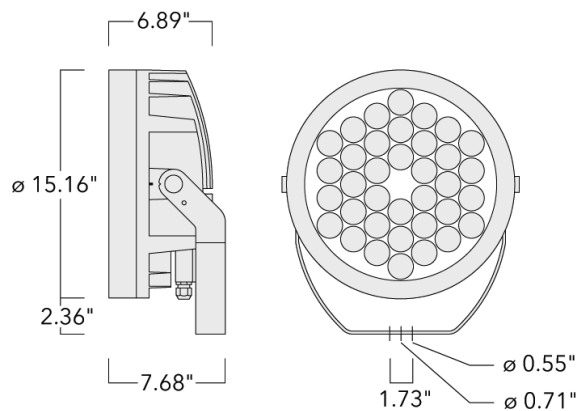
Street and Area Lighting

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Type SD**Description**

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. One cable gland, second gland for through wiring on request. CAD-optimized optics for superior illumination and glare control. Integral driver, thermally separated. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming on request.

A maximum of one internal optical accessory.

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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Floodlights**Specifications****Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	 RAL9004 Black  RAL9007 Grey Metallic  RAL9016 White  RAL8019 Dark Bronze
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	1.5

Electrical description

Power supply	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
Termination	
Power factor	> 0.9
Surge protection	Integral 10kV Surge Protector

Additional information

Lifetime	Ta=25°/40° L90B10 > 90000h
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.

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FLC260 LED

Floodlights



Options

Light distribution



symmetric, medium beam [M]



symmetric, narrow beam [N]



symmetric, very narrow beam [VN]



symmetric, very narrow beam, 'sharp cut-off' [VNS]



symmetric, wide beam [W]



linear spread, very narrow beam [VN]



linear spread, very narrow beam, 'sharp cut-off'



wallwash

Color temperature



3000 K



4000 K



2700 K

Nominal Watt

0 W




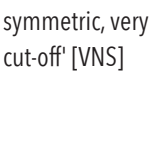
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Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight	
symmetric, medium beam [M] 	139-1806	LED-36/72W / 700 mA - 3000 K	9457.0 lm	79 W	80	38.58	
	139-1807	LED-36/72W / 700 mA - 4000 K	10109.2 lm	79 W	80	38.58	
	139-1791	LED-36/108W / 1050 mA - 3000 K	14022.4 lm	119 W	80	38.58	
	139-1792	LED-36/108W / 1050 mA - 4000 K	14674.6 lm	119 W	80	38.58	
	139-1797	LED-36/155W / 1400 mA - 3000 K	17246.3 lm	172 W	80	38.58	
	139-1798	LED-36/155W / 1400 mA - 4000 K	18030.3 lm	172 W	80	38.58	
	139-2175	LED-36/155W / 1400 mA - 2700 K	16305.6 lm	172 W	80	38.58	
	139-2255	LED-36/108W / 1050 mA - 2700 K	13370.2 lm	119 W	80	38.58	
	139-2258	LED-36/72W / 700 mA - 2700 K	8804.8 lm	79 W	80	38.58	
	symmetric, narrow beam [N] 	139-1808	LED-36/72W / 700 mA - 3000 K	8896.5 lm	79 W	80	38.58
139-1809		LED-36/72W / 700 mA - 4000 K	9510.1 lm	79 W	80	38.58	
139-1793		LED-36/108W / 1050 mA - 3000 K	13191.4 lm	119 W	80	38.58	
139-1794		LED-36/108W / 1050 mA - 4000 K	13805.0 lm	119 W	80	38.58	
139-1799		LED-36/155W / 1400 mA - 3000 K	16236.7 lm	172 W	80	38.58	
139-1800		LED-36/155W / 1400 mA - 4000 K	16974.7 lm	172 W	80	38.58	
139-2231		LED-36/155W / 1400 mA - 2700 K	15351.0 lm	172 W	80	38.58	
139-2256		LED-36/108W / 1050 mA - 2700 K	12577.9 lm	119 W	80	38.58	
139-2259		LED-36/72W / 700 mA - 2700 K	8283.0 lm	79 W	80	38.58	
symmetric, very narrow beam [VN] 		139-1811	LED-36/72W / 700 mA - 4000 K	10007.2 lm	79 W	80	38.58
		139-1795	LED-36/108W / 1050 mA - 3000 K	13881.0 lm	119 W	80	38.58
		139-1796	LED-36/108W / 1050 mA - 4000 K	14526.6 lm	119 W	80	38.58
		139-1801	LED-36/155W / 1400 mA - 3000 K	17400.1 lm	172 W	80	38.58
	139-1802	LED-36/155W / 1400 mA - 4000 K	18191.0 lm	172 W	80	38.58	
	139-1810	LED-36/72W / 700 mA - 3000 K	9361.6 lm	79 W	80	35.58	
	139-2281	LED-36/155W / 1400 mA - 2700 K	16451.0 lm	172 W	80	38.58	
	139-2274	LED-36/108W / 1050 mA - 2700 K	13235.3 lm	119 W	80	38.58	
	139-2267	LED-36/72W / 700 mA - 2700 K	8715.9 lm	79 W	80	35.58	
	symmetric, very narrow beam, 'sharp cut-off' [VNS] 	139-1953	LED-36/72W / 700 mA - 3000 K	7389.9 lm	79 W	80	35.58
139-1954		LED-36/72W / 700 mA - 4000 K	8286.4 lm	79 W	80	35.58	
139-1957		LED-36/108W / 1050 mA - 3000 K	10618.3 lm	119 W	80	38.58	
139-1958		LED-36/108W / 1050 mA - 4000 K	11905.4 lm	119 W	80	38.58	
139-1961		LED-36/155W / 1400 mA - 3000 K	13173.7 lm	172 W	80	38.58	

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Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
	139-1962	LED-36/155W / 1400 mA - 4000 K	14769.8 lm	172 W	80	38.58
	139-2282	LED-36/155W / 1400 mA - 2700 K	12375.2 lm	172 W	80	38.58
	139-2275	LED-36/108W / 1050 mA - 2700 K	9974.8 lm	119 W	80	38.58
	139-2268	LED-36/72W / 700 mA - 2700 K	6942.1 lm	79 W	80	35.58
symmetric, wide beam [W] 	139-1955	LED-36/72W / 700 mA - 3000 K	8972.1 lm	79 W	80	38.58
	139-1956	LED-36/72W / 700 mA - 4000 K	9590.9 lm	79 W	80	38.58
	139-1959	LED-36/108W / 1050 mA - 3000 K	13303.5 lm	119 W	80	38.58
	139-1960	LED-36/108W / 1050 mA - 4000 K	13922.2 lm	119 W	80	38.58
	139-1964	LED-36/155W / 1400 mA - 4000 K	17188.4 lm	172 W	80	38.58
	139-1963	LED-36/155W / 1400 mA - 3000 K	16441.1 lm	172 W	80	38.58
	139-2230	LED-36/155W / 1400 mA - 2700 K	15544.3 lm	172 W	80	38.58
	139-2254	LED-36/108W / 1050 mA - 2700 K	12684.7 lm	119 W	80	38.58
	139-2257	LED-36/72W / 700 mA - 2700 K	8353.3 lm	79 W	80	38.58
	linear spread, very narrow beam [VN] 	139-1795+139-1861	LED-36/108W / 1050 mA - 3000 K	13228.8 lm	119 W	80
139-1796+139-1861		LED-36/108W / 1050 mA - 4000 K	13844.1 lm	119 W	80	38.58
139-1801+139-1861		LED-36/155W / 1400 mA - 3000 K	16276.0 lm	172 W	80	38.58
139-1802+139-1861		LED-36/155W / 1400 mA - 4000 K	17015.8 lm	172 W	80	38.58
139-1810+139-1861		LED-36/72W / 700 mA - 3000 K	8921.8 lm	79 W	80	38.58
139-1811+139-1861		LED-36/72W / 700 mA - 4000 K	9537.1 lm	79 W	80	38.58
139-2267+139-1861		LED-36/72W / 700 mA - 2700 K	8306.5 lm	79 W	80	35.58
139-2274+139-1861		LED-36/108W / 1050 mA - 2700 K	12613.5 lm	119 W	80	38.58
139-2281+139-1861		LED-36/155W / 1400 mA - 2700 K	15388.2 lm	172 W	80	38.58
linear spread, very narrow beam, 'sharp cut-off' 		139-1957+139-1861	LED-36/108W / 1050 mA - 3000 K	10375.1 lm	119 W	80
	139-1958+139-1861	LED-36/108W / 1050 mA - 4000 K	11632.7 lm	119 W	80	38.58
	139-1961+139-1861	LED-36/155W / 1400 mA - 3000 K	12759.6 lm	172 W	80	38.58
	139-1962+139-1861	LED-36/155W / 1400 mA - 4000 K	14305.5 lm	172 W	80	38.58
	139-1953+139-1861	LED-36/72W / 700 mA - 3000 K	7220.7 lm	79 W	80	38.58
	139-1954+139-1861	LED-36/72W / 700 mA - 4000 K	8096.6 lm	79 W	80	38.58
	139-2268+139-1861	LED-36/72W / 700 mA - 2700 K	6783.1 lm	79 W	80	35.58
	139-2275+139-1861	LED-36/108W / 1050 mA - 2700 K	9746.3 lm	119 W	80	38.58
	139-2282+139-1861	LED-36/155W / 1400 mA - 2700 K	11986.2 lm	172 W	80	38.58
	wallwash	139-1791+139-1860	LED-36/108W / 1050 mA - 3000 K	11645.2 lm	119 W	80
139-1792+139-1860		LED-36/108W / 1050 mA - 4000 K	12186.8 lm	119 W	80	38.58

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FLC260 LED

Floodlights

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
	139-1797+139-1860	LED-36/155W / 1400 mA - 3000 K	14322.3 lm	172 W	80	38.58
	139-1798+139-1860	LED-36/155W / 1400 mA - 4000 K	14973.3 lm	172 W	80	38.58
	139-1806+139-1860	LED-36/72W / 700 mA - 3000 K	7853.7 lm	79 W	80	38.58
	139-1807+139-1860	LED-36/72W / 700 mA - 4000 K	8395.4 lm	79 W	80	38.58
	139-2258+139-1860	LED-36/72W / 700 mA - 2700 K	7312.1 lm	79 W	80	38.58
	139-2255+139-1860	LED-36/108W / 1050 mA - 2700 K	11103.5 lm	119 W	80	38.58
	139-2175+139-1860	LED-36/155W / 1400 mA - 2700 K	13541.1 lm	172 W	80	38.58

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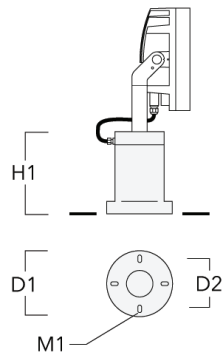
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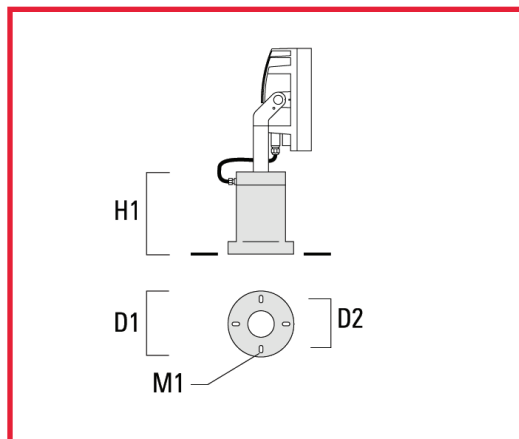
Mounting Accessories

Short post EM

Description	Part ID	D1	D2	H1	M1	Weight
EM1-M16 AL	270-9038	6.3	5.12	7.87"	0.35"	4.85



EM1-M16 AL - Single Cable Entry	270-9038	6.3	5.12	7.87"	0.35"	4.85 lbs
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Planted root

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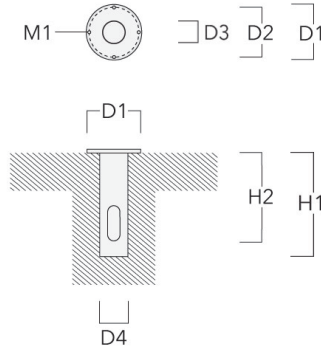
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FLC260 LED

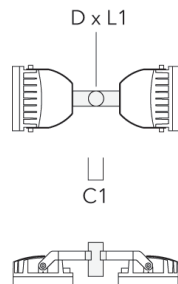
Floodlights

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	Weight
Planted root ESV4	300-0461	5.71	5.12	2.36	3.50	15.75	13.78	.31	8.44



Floodlight mounting bracket TA

Description	Part ID	A	C1	DxL1	L	Weight	Dxs
TA2 Mounting bracket, double (Ø 3 x 8)	147-0024		5.12	3 x 8	2.99	4.2 lbs	76 x 200



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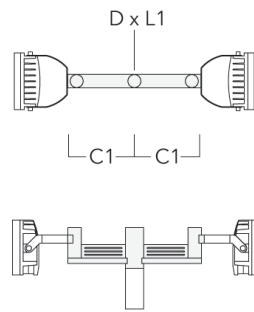
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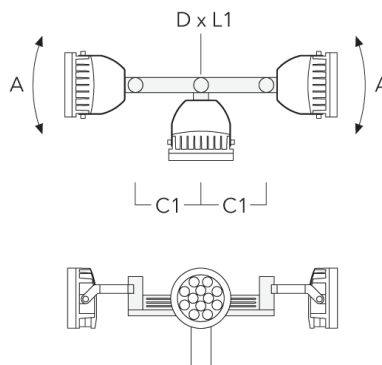
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Floodlights

Description	Part ID	A	C1	DxL1	L	Weight	Dxs
TA2-L Mounting bracket, double (Ø 3 x 8)	147-0105	±90°	16.54	3 x 8	2.99	35.49	76 x 200



TA3 Mounting bracket, triple (Ø 3.50 x 8)	147-0025	±90°	25.59	3.50 x 8	3.5	39.46	89 x 200
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TA4 Mounting bracket, quad (Ø 3.50 x 8)	147-0099	±90°	25.59	3.50 x 8		45.86 lbs	89 x 200
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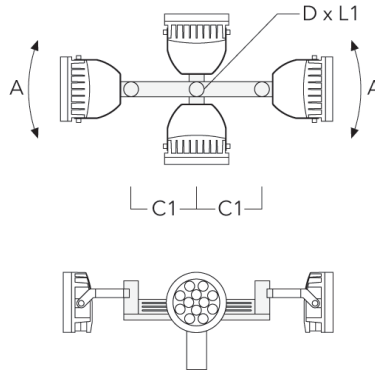
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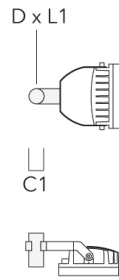
FLC260 LED

Floodlights

Description	Part ID	A	C1	Dxl1	L	Weight	Dxs
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TA1 Mounting bracket, single (Ø 4.25 x 8)	147-0096	5.12	4.25 x 8	4.25	16.53	108 x 200
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TA3 Mounting bracket, triple (Ø 4.25 x 8)	147-0098	±90°	25.59"	4.25 x 8	53.35 lbs	108 x 200
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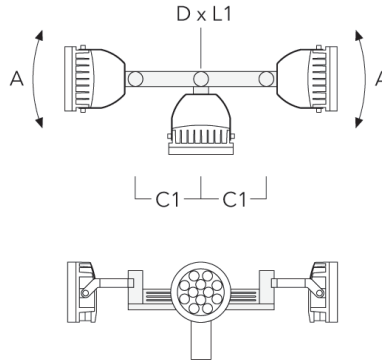
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FLC260 LED

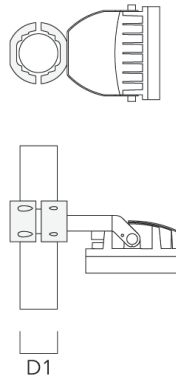
Floodlights

Description	Part ID	A	C1	Dxl1	L	Weight	Dxs
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Pole clamp TS

Description	Part ID	D1	Weight	D
TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5")	147-0526	4.0-4.50	3.53	102-114



TS1-2/M12 Pole clamp, single (Ø 3"-3.5")	147-0543	3.0-3.50	3.31	76-89
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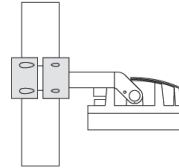
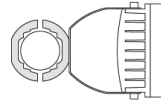
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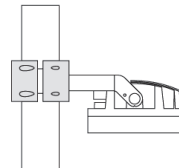
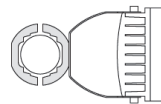
Subject to technical changes and errors. - Generated on 05/08/2024

Description	Part ID	D1	Weight	D
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D1

TS1-2/M16 Pole clamp, single (Ø 4.5"-5.25")	147-0544	4.5-5.25	1.70	114-133
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D1

TS2-2/M16 Pole clamp, double (Ø 3"-3.5")	147-0545	3.0"-3.5"	3.09 lbs	76-89
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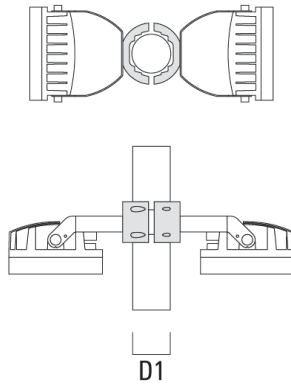
WE-EF LIGHTING USA, LLC

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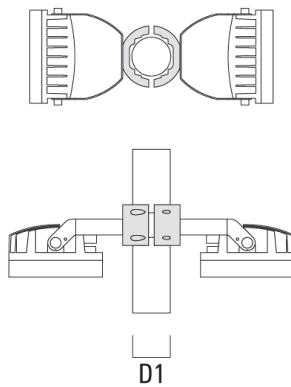
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Description	Part ID	D1	Weight	D
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TS2-2/M16 Pole clamp, double (Ø 4.0"-4.5")	147-0527	4.0-4.50	3.31	102-114
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TS2-2/M12 Pole clamp, double (Ø 4.5"-5.25")	147-0546	4.50-5.25	3.53	114-133
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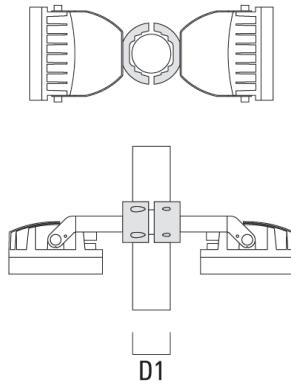
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FLC260 LED

Floodlights

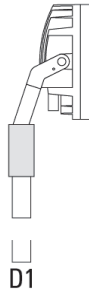
Description	Part ID	D1	Weight	D
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Pole top caps KF

Description	Part ID	D1	Dx1	Weight	D
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KF16-60/M16 Spigot Cap (Ø 2.36")	310-9120	2.36	2.36 x 4	4.4 lbs	60 x 100
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KF16-76/M16 Spigot Cap (Ø 3.0")	310-9121	3	3 x 4	1.10 lbs	76 x 100
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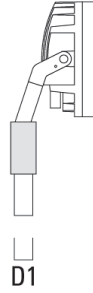
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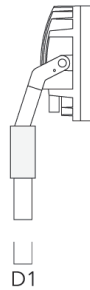
FLC260 LED

Floodlights

Description	Part ID	D1	Dxl1	Weight	D
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KF16-89/M16 Spigot Cap (Ø 3.5")	300-0734	3.50	3.5 x 3	1.10 lbs	89
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KF16-108/M16 Spigot Cap (Ø 4.25")	300-0735	4.25	4.25 x 3	4.4 lbs	108
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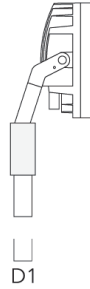
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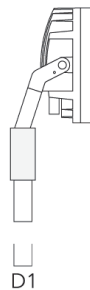
FLC260 LED

Floodlights

Description	Part ID	D1	Dxl1	Weight	D
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KF1-76/M16 Spigot Cap (Ø 3.0")	310-9121	3	3 x 4	1.10 lbs	76 x 100
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Wall Mount Bracket WMB

Description	Part ID	C1	C2	D1	D2	H1	M1	M2	Weight
WMB200 Wall mount bracket	147-6015	20.28	4.72	9.25	7.88	11.34	1.05	0.47	20.0 lbs

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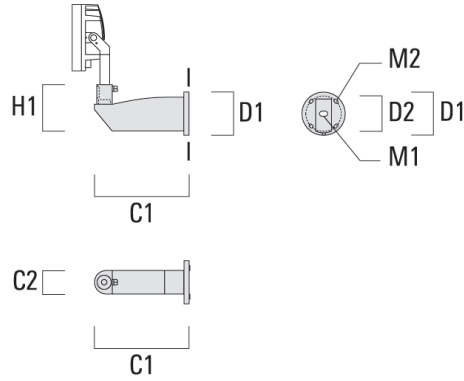
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FLC260 LED

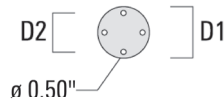
Floodlights

Description	Part ID	C1	C2	D1	D2	H1	M1	M2	Weight
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Surface Mount Canopy SMC

Description	Part ID	D1	D2	Weight
SMC-200	147-6915	10.83	9.25	15.4 lbs



Junction box

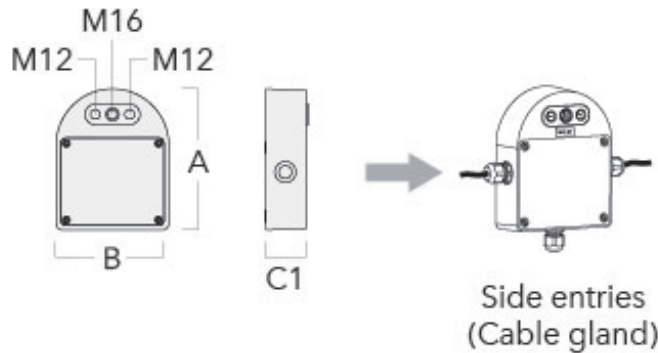
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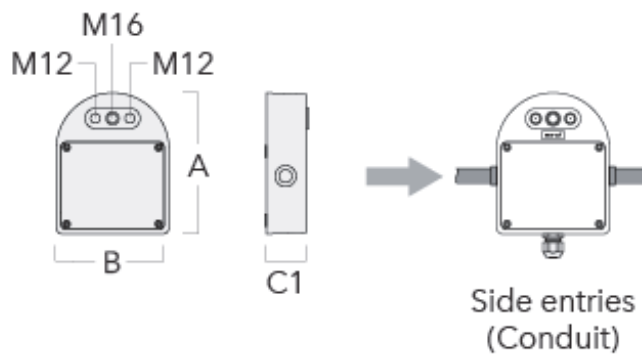
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Description	Part ID	Text	A	B	C1	Weight
Junction box JB20 - Cable side entries	310-9013	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with cable glands.	7.09	5.63	2.01	2.25



Junction box JB20 - Conduit side entries	310-9014	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with conduits.	7.09	5.63	2.01	2.25
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Pole clamp PC

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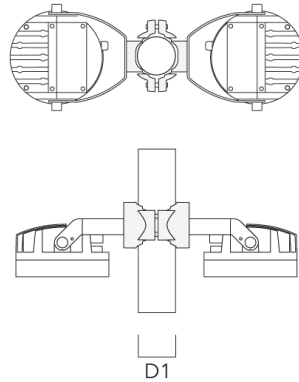
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

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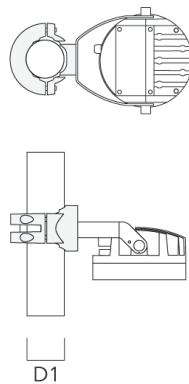
Subject to technical changes and errors. - Generated on 05/08/2024

Floodlights

Description	Part ID	D1	Weight
PC2 76-89/60 Pole clamp, double (Ø 3"-3.5")	139-2703	3.0-3.50	2.20



PC1 76-89/60 Pole clamp, single (Ø 3"-3.5")	139-2702	3.0-3.50	2.20
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PC2 102-114/60 Pole clamp, double (Ø 4"-4.5")	139-2707	4.0-4.50	2.65
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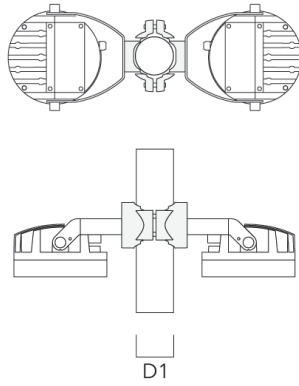
WE-EF LIGHTING USA, LLC

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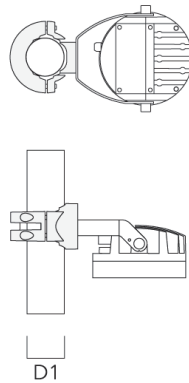
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Description	Part ID	D1	Weight
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PC1 102-114/60 Pole clamp, single (Ø 4"-4,5")	139-2706	4.0-4.50	2.65
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PC2 114-133/60 Pole clamp, double (Ø 4.5"-5.25")	139-2709	4.5-5.25	3.10
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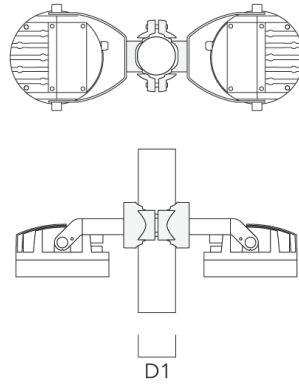
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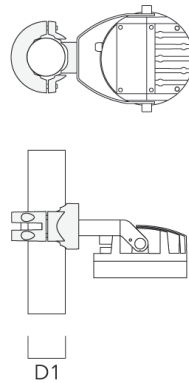
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Description	Part ID	D1	Weight
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PC1 114-133/60 Pole clamp, single (Ø 4.5"-5.25")	139-2708	4.5-5.25	3.10
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PC2 82-109/60 Pole clamp, double (Ø 3.25"-4.25")	139-2705	3.20-4.30	2.40
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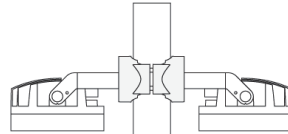
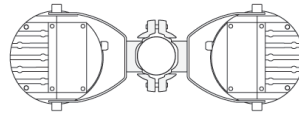
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FLC260 LED

Floodlights

Description	Part ID	D1	Weight
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D1

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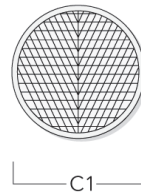
FLC260 LED

Floodlights

Optical Accessories

Wallwash lens

Description	Part ID	C1
IO-20-FLC260-LED	139-1860	13.07



Linear spread lens

Description	Part ID	C1
IO-180-FLC260-LED	139-1861	13.07

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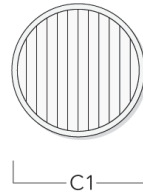
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FLC260 LED

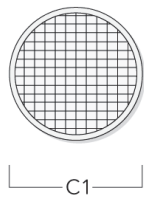
Floodlights

Description	Part ID	C1
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Softening Lens

Description	Part ID	C1
IO-360-FLC260-LED	139-1862	13.07



Honeycomb louvre

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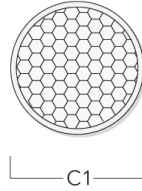
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FLC260 LED

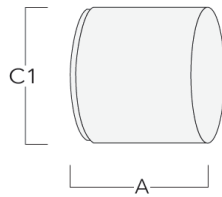
Floodlights

Description	Part ID	C1
IW-360-FLC260-LED	139-1863	12.76



Snoot

Description	Part ID	A	C1
ET-FLC260-LED	139-1865	8.74	15.47



Glare shield

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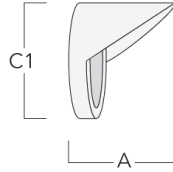
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FLC260 LED

Floodlights

Description	Part ID	A	C1
ES-FLC260-LED	139-1864	8.74	15.47



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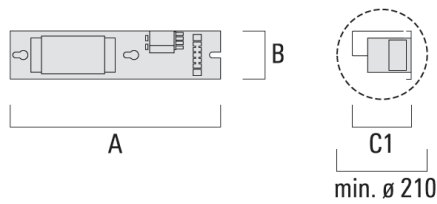
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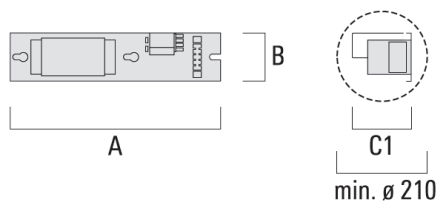
Electrical Accessories

Platine

Description	Part ID	A	B	C1	Weight
PT110 and 2 fuses E14 for HI 2000W, ~400V/9,60-11,30A	400-0180[komp]500	145	160	13.60	

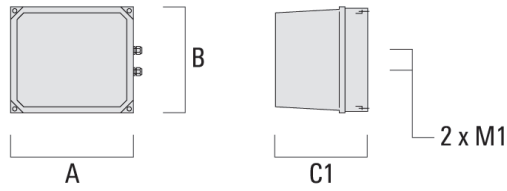


PT110 and 1 fuse E14 for HI 1000W, ~230V/9,30-9,60A	400-0301[komp]500	145	160	10.90	
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Gear box DK5/DK5A

Description	Part ID	A	B	C1	M1	Weight
DK5A HI 1000W, ~230V/9,30-9,60 A	400-0121[komp]	250	230	220	2	13.00



FLC260 LED

Floodlights

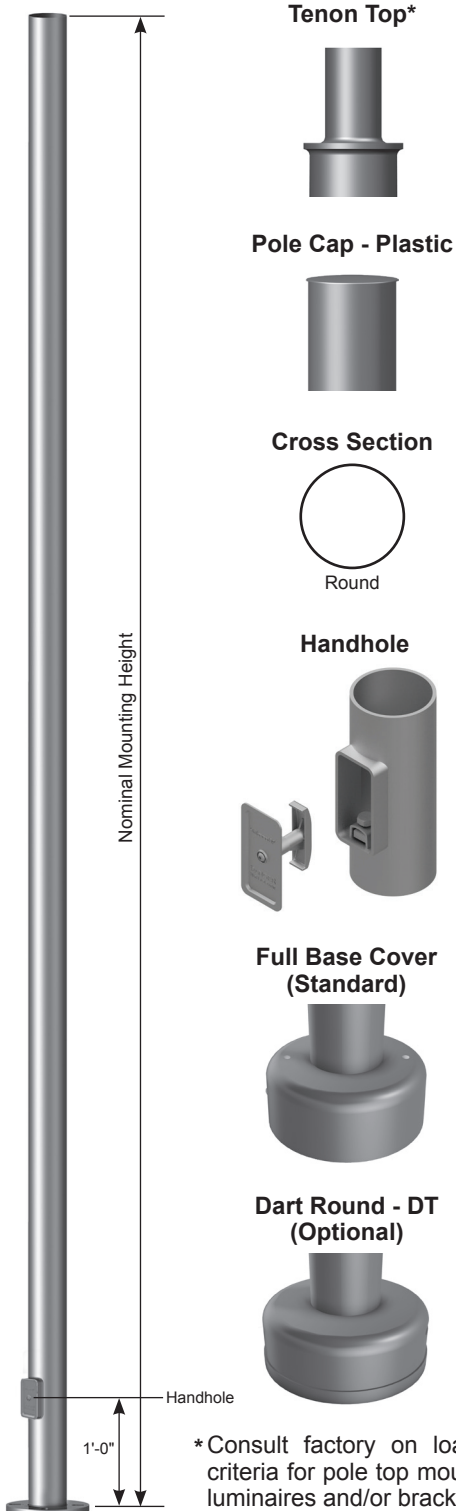
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Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: <u>DS340</u> Quote: _____	Customer Approval: _____ Date: _____



*Consult factory on loading criteria for pole top mounted luminaires and/or brackets.

SPECIFICATIONS

Pole Shaft - The pole shaft is fabricated from hot rolled welded steel tubing of one-piece construction with a minimum yield strength of 42 KSI.

Pole Top - A removable pole cap is provided for poles receiving drilling patterns for side-mount luminaire arm assemblies. For top mount luminaire and/or bracket consult the factory. Consult the luminaire manufacturer for correct tenon size or drill pattern. Other pole top options include pole cap only (PC) or plain top (PL) which is typical when the pole top diameter matches the necessary slip fit dimensions.

Handhole - A reinforced handhole with grounding provision is provided at 1'-0" from the base end of the pole assembly. Each handhole includes an easy to install, self-contained Swing Latch handhole cover assembly. U.S. Patent Swing Latch cover is fabricated from durable polycarbonate/ABS blend plastic. All pole assemblies are provided with a 2.50" x 5.00" rectangular handhole. Handhole dimensions are nominal.

Base Cover - A two-piece full base cover fabricated from ABS plastic is provided with each pole assembly. Additional base cover options, including the dart round (DT) cast aluminum cover, are available upon request.

Anchor Bolts - Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end.

Hardware - All structural fasteners are galvanized high strength carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

Finish - Standard finishes are Galvanized (GV) or Finish Painted (FP). Additional finish options, including Finish Paint over Galvanizing (FPGV) or any of the V-PRO™ Finish Coating Systems are available upon request. See the product ordering code for color options.

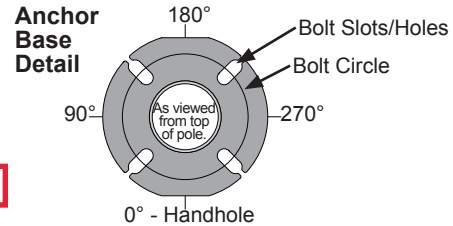
Design Criteria - Please reference Design Criteria Specification for appropriate design conditions.

DS340 Round Non-Tapered Steel Post

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: DS340 Quote: _____	Customer Approval: _____ Date: _____

ANCHORAGE DATA

POLE	BASE PLATE					ANCHOR BOLTS			
	BASE OD (IN)	WALL THK (IN)	BOLT CIRCLE		DIAMETER (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)
3.00	0.120	8.00	1.00	10.50	0.750	0.75 x 17.00 x 3.00	3.50	0.25	
4.00	0.120	8.00	1.00	10.50	0.750	0.75 x 17.00 x 3.00	3.50	0.25	
4.50	0.120	8.00	1.00	10.50	0.750	0.75 x 17.00 x 3.00	3.50	0.25	
5.00	0.120	8.00	1.00	10.50	0.750	0.75 x 17.00 x 3.00	3.50	0.25	
5.00	0.180	8.00	1.00	10.50	0.750	0.75 x 17.00 x 3.00	3.50	0.25	



DESIGNATION, LOAD AND DIMENSIONAL DATA

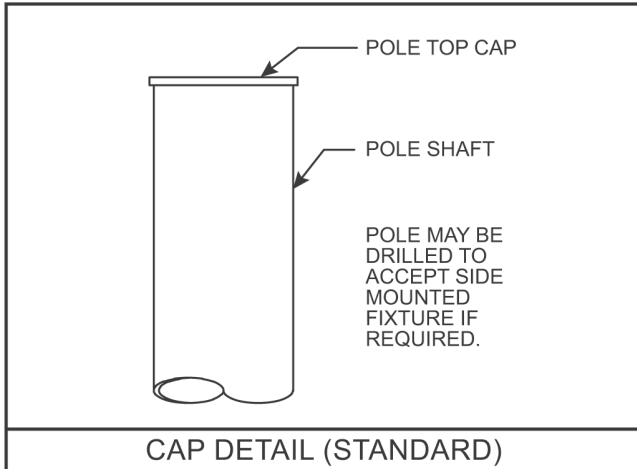
NOMINAL MOUNTING HEIGHT	DESIGN INFORMATION						POLE DIMENSIONS				DESIGNATION
	80 MPH w/1.3 GUST		90 MPH w/1.3 GUST		100 MPH w/1.3 GUST		BASE OD (IN)	TOP OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT ² (LBS)	
	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)					
10'-0"	10.0	250	7.7	190	6.0	175	3.00	3.00	0.120	55	300V100
	19.1	480	15.0	375	12.2	305	4.00	4.00	0.120	70	400V100
	24.5	615	19.5	490	15.8	395	4.50	4.50	0.120	75	450V100
12'-0"	7.7	195	5.8	145	4.4	130	3.00	3.00	0.120	60	300V120
	15.0	390	11.8	300	9.5	240	4.00	4.00	0.120	80	400V120
	19.8	495	15.7	395	12.7	320	4.50	4.50	0.120	85	450V120
14'-0"	25.0	625	20.0	500	16.4	410	5.00	5.00	0.120	90	500V120
	6.0	175	4.4	130	3.3	90	3.00	3.00	0.120	70	300V140
	12.2	305	9.4	250	7.6	195	4.00	4.00	0.120	90	400V140
16'-0"	16.2	405	12.8	320	10.3	260	4.50	4.50	0.120	95	450V140
	4.6	125	3.2	100	2.3	60	3.00	3.00	0.120	80	300V160
	9.6	250	7.4	185	5.9	150	4.00	4.00	0.120	100	400V160
18'-0"	13.1	330	10.2	265	8.2	205	4.50	4.50	0.120	105	450V160
	3.4	90	2.3	60	1.4	70	3.00	3.00	0.120	90	300V180
	7.6	190	5.7	180	4.5	130	4.00	4.00	0.120	110	400V180
20'-0"	10.5	265	8.2	210	6.5	165	4.50	4.50	0.120	115	450V180
	2.4	100	1.4	75	N/A	N/A	3.00	3.00	0.120	100	300V200
	6.0	150	4.4	150	3.4	125	4.00	4.00	0.120	120	400V200
25'-0"	8.5	215	6.6	165	5.2	130	4.50	4.50	0.120	130	450V200
	11.7	300	9.1	230	7.2	180	5.00	5.00	0.120	145	500V200
	2.8	100	1.9	75	1.3	75	4.00	4.00	0.120	145	400V250
30'-0"	4.8	130	3.6	90	2.7	90	4.50	4.50	0.120	155	450V250
	7.2	180	5.5	150	4.2	150	5.00	5.00	0.120	180	500V250
	12.1	300	9.4	250	7.4	200	5.00	5.00	0.180	260	5006250
30'-0"	2.3	80	1.5	75	1.0	60	4.50	4.50	0.120	185	450V300
	4.2	150	3.0	125	2.2	100	5.00	5.00	0.120	210	500V300
	8.0	200	6.5	160	4.7	125	5.00	5.00	0.180	305	5006300

1. Maximum EPA (Effective Projected Area) and weight values are based on side mounted fixtures only. Consult factory on loading criteria for pole top mounted luminaires and/or brackets. Variations from sizes above are available upon inquiry at the factory. Satisfactory performance of poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.
2. Structure weight is a nominal value which includes the pole shaft and base plate only.

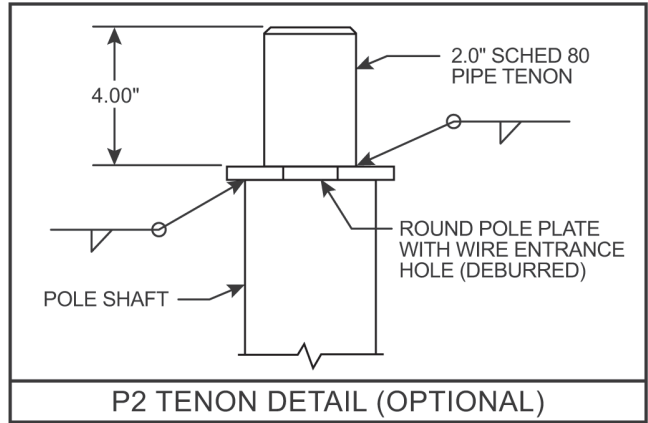
PRODUCT ORDERING CODES

MODEL	DESIGNATION	FIXTURE MOUNTING	FINISH SYSTEM	STANDARD COLOR OPTIONS	BASE COVER	ANCHOR BOLTS	SUPPLEMENTAL INFO
DS340				--	--	--	
	Select Correct Designation from the Load and Dimensional Data Chart.	Drill Mounting (See Orientation) D1 = (1) Drilling @ 270° D2 = (2) Drillings @ 90° & 270° D3 = (3) Drillings @ 60°, 180°, & 300° D4 = (4) Drillings @ 0°, 90°, 180° & 270° D5 = (2) Drillings @ 180° & 270° D6 = (2) Drillings @ 90° & 270° Tenon Mounting P2 = 2.38" OD x 4" tenon P4 = 4.00" OD x 6" tenon P5 = 2.88" OD x 4" tenon P6 = 2.88" OD x 5" tenon P7 = 2.38" OD x 5" tenon P9 = Special Size (Specify) Other Options PC = Pole Cap PL = Plain Top (No Cap)	GV = Galvanized FP = Finish Painted -----OPTIONAL----- FPGV = Finish Paint Over Galvanizing VP30 = V-PRO™ 30 System VP32 = V-PRO™ 32 System VP53 = V-PRO™ 53 System VP54 = V-PRO™ 54 System VP57 = V-PRO™ 57 System VP100 = V-PRO™ 100 System VP105 = V-PRO™ 105 System	GV = Galvanized BK = Black DB = Dark Bronze MD = Medium Bronze WH = White LC = Light Gray CB = Bronze DG = Dark Green ST = Sandstone HTG = Hunter Green SG = Slate Gray SL = Silver SC = Special Color (Specify)	FBC = Full Base Cover -----OPTIONAL----- DT = Round Dart Cover	AB = With Anchor Bolts LAB = Without Anchor Bolts	

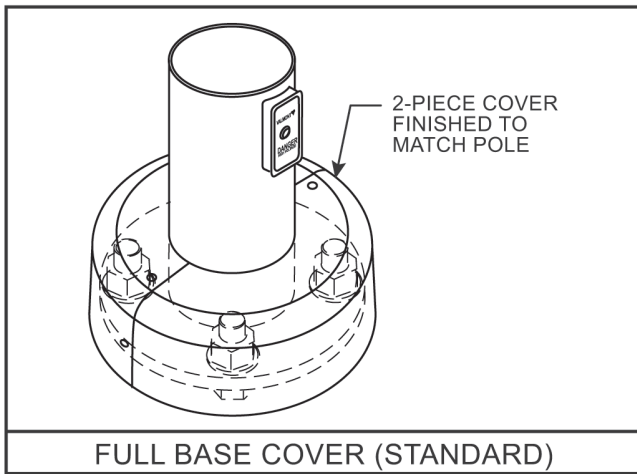
DS340 - Round Non-Tapered Steel Post



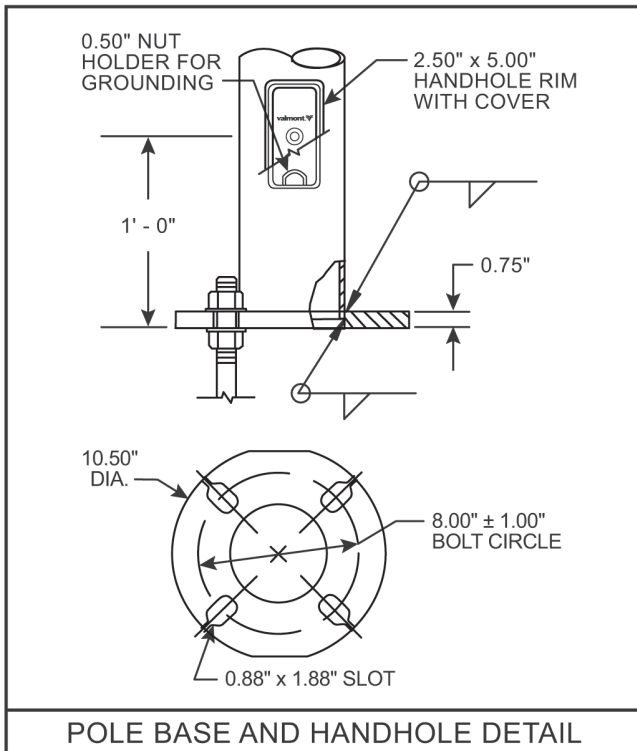
CAP DETAIL (STANDARD)



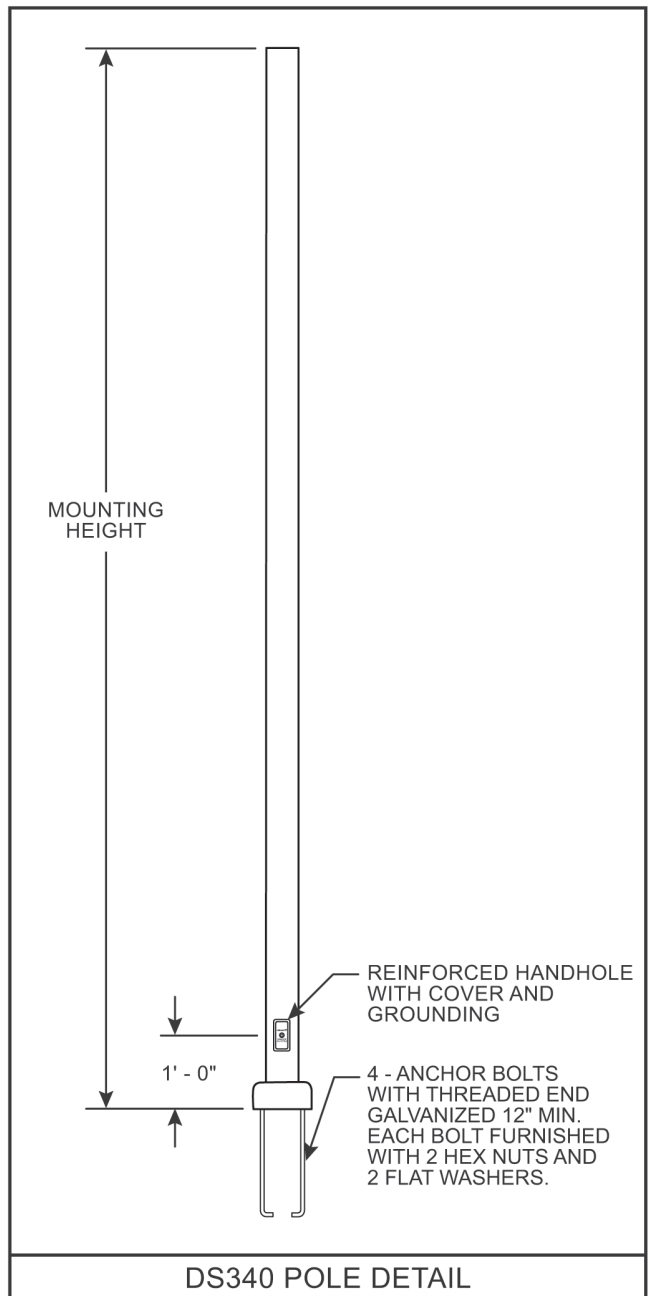
P2 TENON DETAIL (OPTIONAL)



FULL BASE COVER (STANDARD)



POLE BASE AND HANDHOLE DETAIL



DS340 POLE DETAIL

SPC7205 12/17 valmontstructures.com carries the most current spec information and supersedes these guidelines.