

### Description

Wall and pole mounted LED luminaire.

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Non-reflecting safety glass lens hinged, tool-less entry. 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. Luminaire is factory-sealed and does not need to be opened during installation.

Recommended mounting height 10-30 ft, depending on wattage and light distribution 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)

For DarkSky compliant configurations of this product,

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## **RFL540-SE LED**

### **Street and Area Lighting**

***we-ef***





please find the spec sheet and DarkSky certificate in the library.

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**Street and Area Lighting****Specifications****Material description**

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Body	Marine-grade die-cast aluminium alloy
Lens	Non-reflecting safety glass lens, hinged
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	IK07
Corrosion resistance	5CE
Windage	0.5 ft <sup>2</sup>

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**Electrical description**

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

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**Additional information**

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Lifetime	Ta=25°/40° L90B10 > 90000h
BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare.
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.

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# RFL540-SE LED

## Street and Area Lighting

### Options

#### Light distribution



[S60] Type III Short



[S70] Type II Short



[A60] Type IV Very Short



[S65] Type III Medium



[R65] Type IV Medium



pedestrian crossing, left-hand traffic [P45L]



pedestrian crossing, right-hand traffic [P45R]

#### Color temperature



3000 K



4000 K



2700 K

#### Nominal Watt

12 W

92 W

48 W

62 W

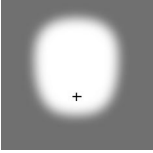
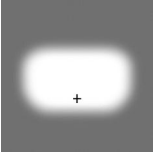
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### Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
[A60] Type IV Very Short 	111-0283	LED-36/72W / 700 mA - 3000 K	8675.2	79 W	80	33.00
	111-0285	LED-48/96W / 700 mA - 3000 K	11566.9	105.5 W	80	33.00
	111-0357	LED-36/72W / 700 mA - 4000 K	9273.5	79 W	80	33.00
	111-0359	LED-48/96W / 700 mA - 4000 K	12364.6	105.5 W	80	33.00
	111-0428	LED-36/36W / 350 mA - 4000 K	5353.1	39 W	80	33.00
	111-0429	LED-48/48W / 350 mA - 4000 K	7137.5	52 W	80	33.00
	111-0491	LED-36/36W / 350 mA - 3000 K	4880.8	39 W	80	33.00
	111-0493	LED-48/48W / 350 mA - 3000 K	6507.7	52 W	80	33.00
	111-0920	LED-36/108W / 1050 mA - 3000 K	13770.7	119 W	80	33.00
	111-0921	LED-36/108W / 1050 mA - 4000 K	14411.2	119 W	80	33.00
	111-0930	LED-48/144W / 1050 mA - 3000 K	18361	159 W	80	33.00
	111-0931	LED-48/144W / 1050 mA - 4000 K	19215	159 W	80	33.00
	111-1080	LED-36/36W / 350 mA - 2700 K	4565.9	39 W	80	33.00
	111-1081	LED-36/72W / 700 mA - 2700 K	8076.9	79 W	80	33.00
	111-1082	LED-36/108W / 1050 mA - 2700 K	13130.2	119 W	80	33.00
	111-1083	LED-48/48W / 350 mA - 2700 K	6087.8	52 W	80	33.00
111-1084	LED-48/96W / 700 mA - 2700 K	10769.2	105.5 W	80	33.00	
111-1085	LED-48/144W / 1050 mA - 2700 K	17507	159 W	80	33.00	
[R65] Type IV Medium 	111-0430	LED-36/36W / 350 mA - 4000 K	5341.8	39 W	80	33.00
	111-0431	LED-36/72W / 700 mA - 4000 K	9252.8	79 W	80	33.00
	111-0432	LED-48/48W / 350 mA - 4000 K	7122.4	52 W	80	33.00
	111-0433	LED-48/96W / 700 mA - 4000 K	12337.1	105.5 W	80	33.00
	111-0495	LED-36/36W / 350 mA - 3000 K	4870.5	39 W	80	33.00
	111-0497	LED-36/72W / 700 mA - 3000 K	8655.9	79 W	80	33.00
	111-0501	LED-48/96W / 700 mA - 3000 K	11541.2	105.5 W	80	33.00
	111-0922	LED-36/108W / 1050 mA - 3000 K	13586.1	119 W	80	33.00
	111-0923	LED-36/108W / 1050 mA - 4000 K	14218	119 W	80	33.00
	111-0932	LED-48/144W / 1050 mA - 3000 K	18114.8	159 W	80	33.00
	111-0933	LED-48/144W / 1050 mA - 4000 K	18957.3	159 W	80	33.00
	111-0944	LED-48/48W / 350 mA - 3000 K	6494	52 W	80	33.00
	111-1074	LED-36/36W / 350 mA - 2700 K	4556.3	39 W	80	33.00
	111-1075	LED-36/72W / 700 mA - 2700 K	8058.9	79 W	80	33.00

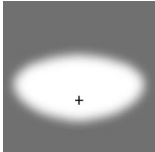
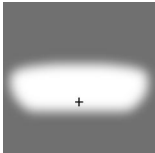
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Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	111-1076	LED-36/108W / 1050 mA - 2700 K	12954.2	119 W	80	33.00
	111-1077	LED-48/48W / 350 mA - 2700 K	6075	52 W	80	33.00
	111-1078	LED-48/96W / 700 mA - 2700 K	10745.2	105.5 W	80	33.00
	111-1079	LED-48/144W / 1050 mA - 2700 K	17272.2	159 W	80	33.00
[S60] Type III Short	111-0188	LED-48/96W / 700 mA - 3000 K	12507.7	105.5 W	80	33.00
	111-0190	LED-36/72W / 700 mA - 3000 K	9380.8	79 W	80	33.00
	111-0341	LED-36/72W / 700 mA - 4000 K	10027.7	79 W	80	33.00
	111-0343	LED-48/96W / 700 mA - 4000 K	13370.3	105.5 W	80	33.00
	111-0420	LED-36/36W / 350 mA - 4000 K	5673	39 W	80	33.00
	111-0421	LED-48/48W / 350 mA - 4000 K	7563.9	52 W	80	33.00
	111-0475	LED-36/36W / 350 mA - 3000 K	5172.4	39 W	80	33.00
	111-0477	LED-48/48W / 350 mA - 3000 K	6896.5	52 W	80	33.00
	111-0924	LED-36/108W / 1050 mA - 3000 K	14351.5	119 W	80	33.00
	111-0925	LED-36/108W / 1050 mA - 4000 K	15019.1	119 W	80	33.00
	111-0934	LED-48/144W / 1050 mA - 3000 K	19135.4	159 W	80	33.00
	111-0935	LED-48/144W / 1050 mA - 4000 K	20025.4	159 W	80	33.00
	111-1056	LED-36/36W / 350 mA - 2700 K	4838.7	39 W	80	33.00
	111-1057	LED-36/72W / 700 mA - 2700 K	8733.8	79 W	80	33.00
	111-1058	LED-36/108W / 1050 mA - 2700 K	13684	119 W	80	33.00
	111-1059	LED-48/48W / 350 mA - 2700 K	6451.6	52 W	80	33.00
	111-1060	LED-48/96W / 700 mA - 2700 K	11645.1	105.5 W	80	33.00
	111-1061	LED-48/144W / 1050 mA - 2700 K	18245.4	159 W	80	33.00
[S65] Type III Medium	111-0422	LED-36/36W / 350 mA - 4000 K	5679.2	39 W	80	33.00
	111-0422-70	LED-36/36W / 350 mA - 4000 K	6347.4	39 W	70	15.00
	111-0423	LED-36/72W / 700 mA - 4000 K	10044.1	79 W	80	33.00
	111-0424	LED-48/48W / 350 mA - 4000 K	7572.3	52 W	80	33.00
	111-0425	LED-48/96W / 700 mA - 4000 K	13392.2	105.5 W	80	33.00
	111-0479	LED-36/36W / 350 mA - 3000 K	5178.1	39 W	80	33.00
	111-0479-70	LED-36/36W / 350 mA - 3000 K	6013.3	39 W	70	15.00
	111-0481	LED-36/72W / 700 mA - 3000 K	9396.1	79 W	80	33.00
	111-0483	LED-48/48W / 350 mA - 3000 K	6904.2	52 W	80	33.00
	111-0485	LED-48/96W / 700 mA - 3000 K	12528.2	105.5 W	80	33.00
	111-0926	LED-36/108W / 1050 mA - 3000 K	14417	119 W	80	33.00

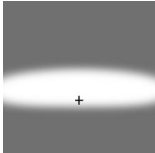
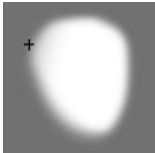
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Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	111-0927	LED-36/108W / 1050 mA - 4000 K	15087.5	119 W	80	15.00
	111-0936	LED-48/144W / 1050 mA - 3000 K	19222.6	159 W	80	33.00
	111-0937	LED-48/144W / 1050 mA - 4000 K	20116.7	159 W	80	15.00
	111-1062	LED-36/36W / 350 mA - 2700 K	4844.1	39 W	80	33.00
	111-1063	LED-36/72W / 700 mA - 2700 K	8748.1	79 W	80	33.00
	111-1064	LED-36/108W / 1050 mA - 2700 K	13746.4	119 W	80	33.00
	111-1065	LED-48/48W / 350 mA - 2700 K	6458.8	52 W	80	33.00
	111-1066	LED-48/96W / 700 mA - 2700 K	11664.1	105.5 W	80	33.00
	111-1067	LED-48/144W / 1050 mA - 2700 K	18328.6	159 W	80	33.00
[S70] Type II Short	111-0218	LED-48/96W / 700 mA - 3000 K	11936.2	105.5 W	80	33.00
	111-0228	LED-36/72W / 700 mA - 3000 K	8952.2	79 W	80	33.00
	111-0349	LED-36/72W / 700 mA - 4000 K	9569.6	79 W	80	33.00
	111-0351	LED-48/96W / 700 mA - 4000 K	12759.4	105.5 W	80	33.00
	111-0426	LED-36/36W / 350 mA - 4000 K	5510.1	39 W	80	33.00
	111-0427	LED-48/48W / 350 mA - 4000 K	7346.8	52 W	80	33.00
	111-0487	LED-36/36W / 350 mA - 3000 K	5023.9	39 W	80	33.00
	111-0489	LED-48/48W / 350 mA - 3000 K	6698.6	52 W	80	33.00
	111-0928	LED-36/108W / 1050 mA - 3000 K	13815.4	119 W	80	15.00
	111-0929	LED-36/108W / 1050 mA - 4000 K	14458	119 W	80	15.00
	111-0938	LED-48/144W / 1050 mA - 3000 K	18420.5	159 W	80	33.00
	111-0939	LED-48/144W / 1050 mA - 4000 K	19277.3	159 W	80	33.00
	111-1068	LED-36/36W / 350 mA - 2700 K	4699.8	39 W	80	33.00
	111-1069	LED-36/72W / 700 mA - 2700 K	8334.8	79 W	80	33.00
	111-1070	LED-36/108W / 1050 mA - 2700 K	13172.8	119 W	80	33.00
	111-1071	LED-48/48W / 350 mA - 2700 K	6266.4	52 W	80	33.00
	111-1072	LED-48/96W / 700 mA - 2700 K	11113.1	105.5 W	80	33.00
	111-1073	LED-48/144W / 1050 mA - 2700 K	17563.7	159 W	80	33.00
pedestrian crossing, left-hand traffic	111-0888	LED-36/72W / 700 mA - 3000 K	8904.7	79 W	80	33.00
[P45L]	111-0889	LED-36/72W / 700 mA - 4000 K	9518.8	79 W	80	33.00
	111-0892	LED-48/96W / 700 mA - 3000 K	11872.9	105.5 W	80	33.00
	111-0893	LED-48/96W / 700 mA - 4000 K	12691.8	105.5 W	80	33.00
	111-0890	LED-36/72W / 700 mA - 3000 K	8765.7	79 W	80	33.00

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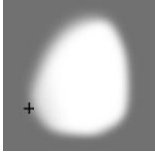
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# RFL540-SE LED

## Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
pedestrian crossing, right-hand traffic [P45R] 	111-0891	LED-36/72W / 700 mA - 4000 K	9370.3	79 W	80	33.00
	111-0894	LED-48/96W / 700 mA - 3000 K	11687.6	105.5 W	80	33.00
	111-0895	LED-48/96W / 700 mA - 4000 K	12493.7	105.5 W	80	33.00
	111-1086	LED-36/72W / 700 mA - 2700 K	8161.2	79 W	80	33.00
	111-1087	LED-48/96W / 700 mA - 2700 K	10881.6	105.5 W	80	33.00

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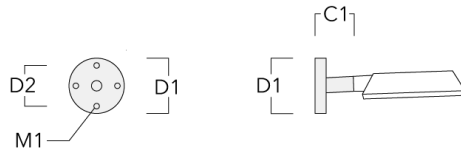
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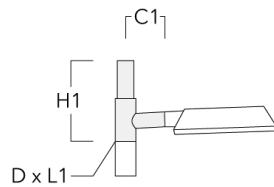
**Mounting Accessories**

**Wall and pole brackets RE**

Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (lb)	C	H
RE0-540 Wall bracket	111-0084	7.09	9.06	7.68			0.47	7.05	140	

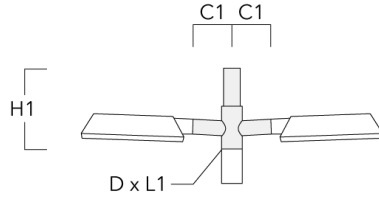


RE1-540 Pole bracket, single	111-0042	7.87			3 x 5	21.65		10.14	200	550
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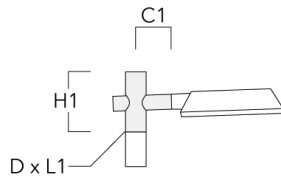
**Street and Area Lighting**

Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (lb)	C	H
RE2-540 Pole bracket, double	111-0043	7.87			3 x 5	21.65		11.68	200	550



**Pole brackets RF**

Description	Part ID	C1	D × L1	H1	Weight (lb)	C	H
RF1-540 Pole bracket, single	111-0046	7.87	3 x 3	7.87	5.73	200	300

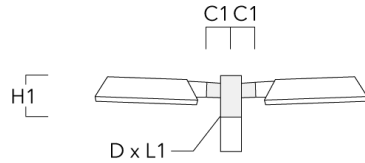


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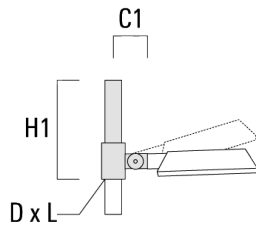
**Street and Area Lighting**

Description	Part ID	C1	D × L1	H1	Weight (lb)	C	H
RF2-540 Pole bracket, double	111-0047	7.87	2.99 x 3.15	7.87	7.28	200	300



**Wall and pole brackets RI**

Description	Part ID	C1	D × L1	H1	Weight (lb)
R11-540 Adjustable pole bracket, single	111-0179	7.87"	3 x 3	20.67"	12.00 lbs

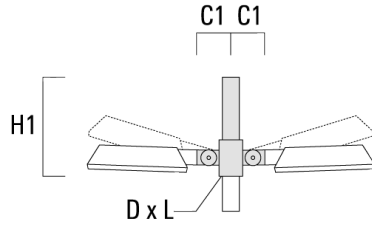


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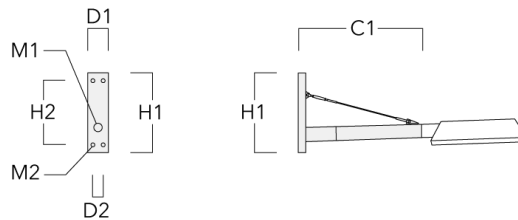
Street and Area Lighting

Description	Part ID	C1	D × L1	H1	Weight (lb)
R12-540 Adjustable pole bracket, double	106-0481	7.87"	3 x 3	20.67"	14.00 lbs



Wall and pole brackets RX

Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (lb)
RX0-540 Wall bracket	111-0086	39.37	5.51	3.94		17.72	15.16	1.18	0.47	11.46



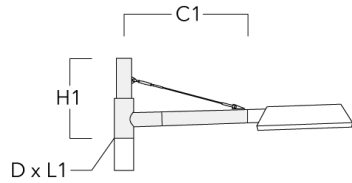
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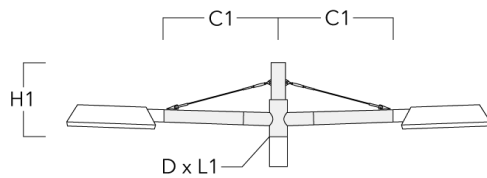
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Description	Part ID	C1	D1	D2	D x L1	H1	H2	M1	M2	Weight (lb)
RX1-540 Pole bracket, single	111-0054	39.37			2.99 x 3.15	21.65				14.99



RX2-540 Pole bracket, double	111-0055	39.37			2.99 x 3.15	21.65				21.38
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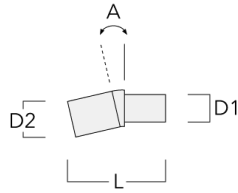
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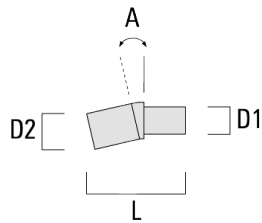
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**Tilt brackets TB**

Description	Part ID	A	D1	D2	L	Weight (lb)
TB-540.60-10 Tilt bracket 10°	111-0636	10°	2.36 x 3.54	2.36 x 3.94	205	1.54



TB-540.60-15 Tilt bracket 15°	111-0637	15°	2.36 x 3.54	2.36 x 3.94	205	1.54
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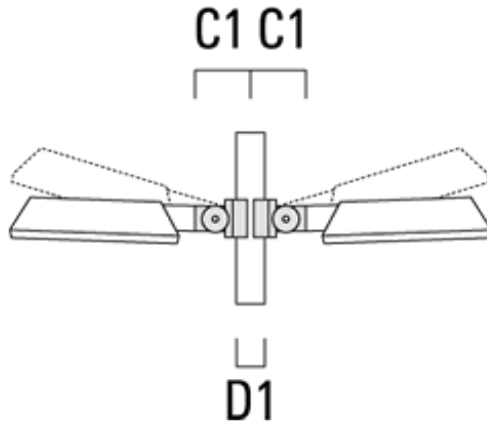


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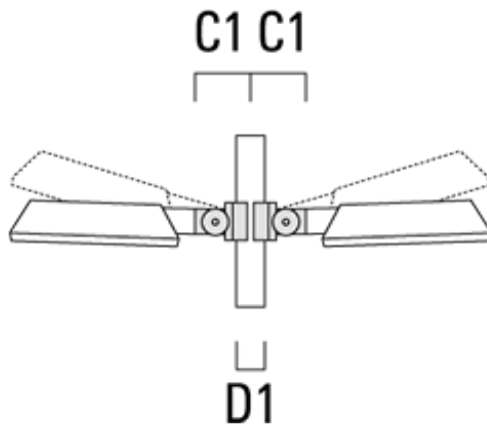
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**Pole clamp SI**

Description	Part ID	C1	D1	Weight (lb)	C	D
SI2-540 Pole clamp, double (Ø 3"-3.5")	111-0072	7.68"	3.0"-3.5"	195	76 - 89	

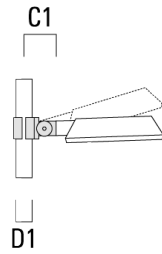


SI2-540 Pole clamp, double (Ø 4.5"-5.25")	111-0073	7.68"	4.5"-5.25"	14 lbs	195	102 - 114
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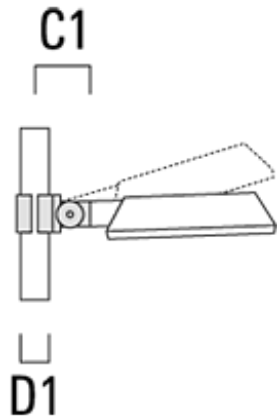


Street and Area Lighting

Description	Part ID	C1	D1	Weight (lb)	C	D
S11-540 Pole clamp, single (Ø 3"-3.5")	111-0070	7.68	3.0-3.50	11.00	195	76 - 89



S11-540 Pole clamp, single (Ø 4.5"-5.25")	111-0071	7.68"	4.50"-5.25"	14.00 lbs	195	102 - 114
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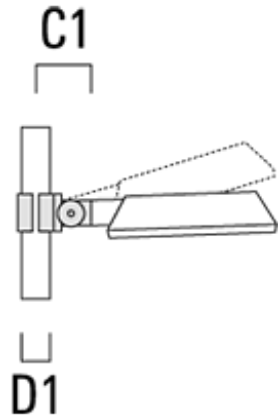
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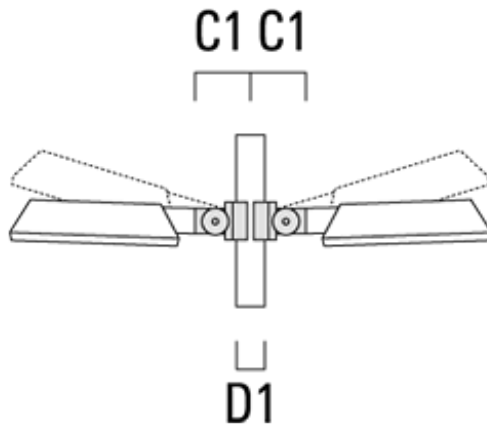


**Street and Area Lighting**

Description	Part ID	C1	D1	Weight (lb)	C	D
S11-540 Pole clamp, single (Ø 4"-4.5")	111-0177	7.68"	4.0"-4.5"	12.00 lbs	195	102 - 114



S12-540 Pole clamp, double (Ø 4"-4.5")	111-0183	7.68"	4.0"-4.5"	12 lbs	195	102 - 114
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**Street and Area Lighting****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.

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