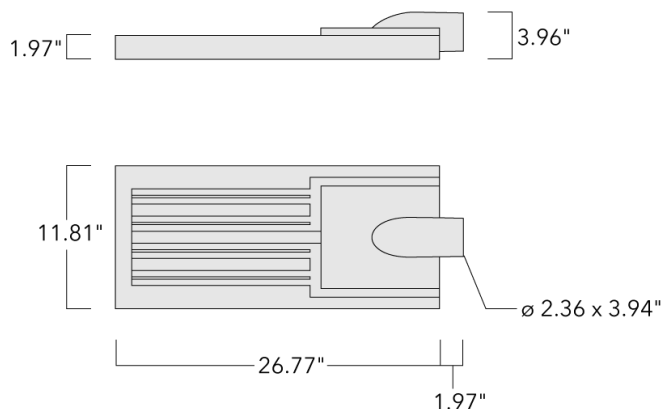


VFL540-SE LED

Street and Area Lighting



Description

Pole or wall-mounted LED luminaire with integrated heat sinks. Side-entry mount.

IP66. Class I or Class II. IK08. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. CAD-optimized optics for superior illumination and glare control. Integral driver in thermally separated compartment. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire. Luminaire is factory-sealed and does not need to be opened during installation.

Recommended mounting height 20-40 ft, depending on lamp type selected.





Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black)
+ XXX-XXXX (Accessory 1)

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

Body	Marine-grade, die-cast aluminium alloy
Lens	PMMA RFC Reflection Contour Lens technology
Colors	 RAL9004 Black  RAL9007 Grey Metallic  RAL9016 White  RAL8019 Dark Bronze
Gasket	Silicone rubber gasket
Fasteners	PCS Polymer Coated Stainless Steel hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	18.1 ft ²

Electrical description

Power supply	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Driver / Ballast	Integral EC electronic converter
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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VFL540-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]



[P65] Type II Medium

Color temperature



3000 K



4000 K



2700 K

Nominal Watt

86 W

114 W

42 W

56 W

0 W

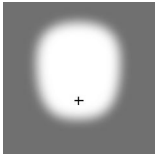
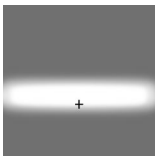
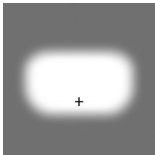
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Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
[A60] Type IV Very Short 	108-1251	LED-36/72W / 700 mA - 3000 K	8317.1	79 W	80	18.10
	108-1252	LED-36/72W / 700 mA - 4000 K	8890.7	79 W	80	18.10
	108-1261	LED-48/96W / 700 mA - 3000 K	11089.5	105.5 W	80	18.10
	108-1262	LED-48/96W / 700 mA - 4000 K	11854.2	105.5 W	80	18.10
	108-1271	LED-36/36W / 350 mA - 3000 K	4667.5	39 W	80	18.10
	108-1272	LED-36/36W / 350 mA - 4000 K	5119.2	39 W	80	18.10
	108-1281	LED-48/48W / 350 mA - 3000 K	6223.3	52 W	80	18.10
	108-1282	LED-48/48W / 350 mA - 4000 K	6825.6	52 W	80	18.10
	108-2068	LED-36/108W / 1050 mA - 3000 K	13363.6	119 W	80	18.10
	108-2069	LED-36/108W / 1050 mA - 4000 K	13985.2	119 W	80	18.10
	108-2078	LED-48/144W / 1050 mA - 3000 K	17818.2	159 W	80	18.10
	108-2079	LED-48/144W / 1050 mA - 4000 K	18646.9	159 W	80	18.10
	108-2446	LED-36/36W / 350 mA - 2700 K	4366.4	39 W	80	18.10
	108-2447	LED-36/72W / 700 mA - 2700 K	7743.5	79 W	80	18.10
	108-2448	LED-36/108W / 1050 mA - 2700 K	12742.1	119 W	80	18.10
108-2449	LED-48/48W / 350 mA - 2700 K	5821.8	52 W	80	18.10	
108-2450	LED-48/96W / 700 mA - 2700 K	10324.7	105.5 W	80	18.10	
108-2451	LED-48/144W / 1050 mA - 2700 K	16989.4	159 W	80	18.10	
[P65] Type II Medium 	108-2128	LED-36/108W / 1050 mA - 3000 K	14412.4	119 W	80	8.20
	108-2128-70	LED-36/108W / 1050 mA - 3000 K	16423.5	119 W	70	8.20
	108-2129	LED-36/108W / 1050 mA - 4000 K	15082.8	119 W	80	8.20
	108-2129-70	LED-36/108W / 1050 mA - 4000 K	17093.8	119 W	70	8.2
	108-2130	LED-48/144W / 1050 mA - 3000 K	19216.6	159 W	80	8.20
	108-2130-70	LED-48/144W / 1050 mA - 3000 K	21898	159 W	70	8.20
	108-2131	LED-48/144W / 1050 mA - 4000 K	20110.4	159 W	80	8.20
	108-2131-70	LED-48/144W / 1050 mA - 4000 K	22791.8	159 W	70	8.20
[R65] Type IV Medium 	108-1255	LED-36/72W / 700 mA - 3000 K	8906.1	79 W	80	18.10
	108-1256	LED-36/72W / 700 mA - 4000 K	9520.3	79 W	80	18.10
	108-1265	LED-48/96W / 700 mA - 3000 K	11874.8	105.5 W	80	18.10
	108-1266	LED-48/96W / 700 mA - 4000 K	12693.7	105.5 W	80	18.10
	108-1275	LED-36/36W / 350 mA - 3000 K	5050.6	39 W	80	18.10
	108-1276	LED-36/36W / 350 mA - 4000 K	5539.3	39 W	80	18.10

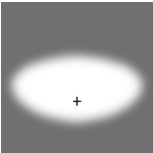
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Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	108-1285	LED-48/48W / 350 mA - 3000 K	6734.1	52 W	80	18.10
	108-1286	LED-48/48W / 350 mA - 4000 K	7385.8	52 W	80	18.10
	108-2070	LED-36/108W / 1050 mA - 3000 K	14070	119 W	80	18.10
	108-2071	LED-36/108W / 1050 mA - 4000 K	14724.4	119 W	80	18.10
	108-2080	LED-48/144W / 1050 mA - 3000 K	18760	159 W	80	18.10
	108-2081	LED-48/144W / 1050 mA - 4000 K	19632.5	159 W	80	18.10
	108-2440	LED-36/36W / 350 mA - 2700 K	4724.7	39 W	80	18.10
	108-2441	LED-36/72W / 700 mA - 2700 K	8291.9	79 W	80	18.10
	108-2442	LED-36/108W / 1050 mA - 2700 K	13415.6	119 W	80	18.10
	108-2443	LED-48/48W / 350 mA - 2700 K	6299.6	52 W	80	18.10
	108-2444	LED-48/96W / 700 mA - 2700 K	11055.8	105.5 W	80	18.10
	108-2445	LED-48/144W / 1050 mA - 2700 K	17887.4	159 W	80	18.10
[S60] Type III Short	108-1247	LED-36/72W / 700 mA - 3000 K	9293.7	79 W	80	18.10
	108-1247-70	LED-36/72W / 700 mA - 3000 K	10575.6	79 W	70	8.20
	108-1248	LED-36/72W / 700 mA - 4000 K	9934.7	79 W	80	18.10
	108-1257	LED-48/96W / 700 mA - 3000 K	12391.6	105.5 W	80	18.10
	108-1258	LED-48/96W / 700 mA - 4000 K	13246.2	105.5 W	80	18.10
	108-1267	LED-36/36W / 350 mA - 3000 K	5175.6	39 W	80	18.10
	108-1268	LED-36/36W / 350 mA - 4000 K	5676.4	39 W	80	18.10
	108-1277	LED-48/48W / 350 mA - 3000 K	6900.7	52 W	80	18.10
	108-1278	LED-48/48W / 350 mA - 4000 K	7568.6	52 W	80	18.10
	108-2072	LED-36/108W / 1050 mA - 3000 K	14542.9	119 W	80	18.10
	108-2073	LED-36/108W / 1050 mA - 4000 K	15219.4	119 W	80	18.10
	108-2082	LED-48/144W / 1050 mA - 3000 K	19390.6	159 W	80	18.10
	108-2083	LED-48/144W / 1050 mA - 4000 K	20292.5	159 W	80	18.10
	108-2422	LED-36/36W / 350 mA - 2700 K	4841.6	39 W	80	18.10
	108-2423	LED-36/72W / 700 mA - 2700 K	8652.8	79 W	80	18.10
	108-2424	LED-36/108W / 1050 mA - 2700 K	13866.5	119 W	80	18.10
	108-2425	LED-48/48W / 350 mA - 2700 K	6455.5	52 W	80	18.10
	108-2426	LED-48/96W / 700 mA - 2700 K	11537	105.5 W	80	18.10
	108-2427	LED-48/144W / 1050 mA - 2700 K	18488.7	159 W	80	18.10
[S65] Type III Medium	108-1253	LED-36/72W / 700 mA - 3000 K	9433.3	79 W	80	18.10
	108-1254	LED-36/72W / 700 mA - 4000 K	10083.9	79 W	80	18.10

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Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	108-1263	LED-48/96W / 700 mA - 3000 K	12577.7	105.5 W	80	18.10
	108-1264	LED-48/96W / 700 mA - 4000 K	13445.2	105.5 W	80	18.10
	108-1273	LED-36/36W / 350 mA - 3000 K	5242.6	39 W	80	18.10
	108-1274	LED-36/36W / 350 mA - 4000 K	5749.9	39 W	80	18.10
	108-1283	LED-48/48W / 350 mA - 3000 K	6990.1	52 W	80	18.10
	108-1284	LED-48/48W / 350 mA - 4000 K	7666.6	52 W	80	18.10
	108-2074	LED-36/108W / 1050 mA - 3000 K	14707.6	119 W	80	18.10
	108-2075	LED-36/108W / 1050 mA - 4000 K	15391.6	119 W	80	18.10
	108-2084	LED-48/144W / 1050 mA - 3000 K	19610.1	159 W	80	18.10
	108-2085	LED-48/144W / 1050 mA - 4000 K	20522.2	159 W	80	18.10
	108-2428	LED-36/36W / 350 mA - 2700 K	4904.3	39 W	80	18.10
	108-2429	LED-36/72W / 700 mA - 2700 K	8782.7	79 W	80	18.10
	108-2430	LED-36/108W / 1050 mA - 2700 K	14023.5	119 W	80	18.10
	108-2431	LED-48/48W / 350 mA - 2700 K	6539.1	52 W	80	18.10
108-2432	LED-48/96W / 700 mA - 2700 K	11710.3	105.5 W	80	18.10	
108-2433	LED-48/144W / 1050 mA - 2700 K	18698	159 W	80	18.10	
[S70] Type II Short	108-1249	LED-36/72W / 700 mA - 3000 K	9266.9	79 W	80	18.10
	108-1250	LED-36/72W / 700 mA - 4000 K	9906	79 W	80	18.10
	108-1259	LED-48/96W / 700 mA - 3000 K	12355.9	105.5 W	80	18.10
	108-1260	LED-48/96W / 700 mA - 4000 K	13208	105.5 W	80	18.10
	108-1269	LED-36/36W / 350 mA - 3000 K	5163.3	39 W	80	18.10
	108-1270	LED-36/36W / 350 mA - 4000 K	5663	39 W	80	18.10
	108-1279	LED-48/48W / 350 mA - 3000 K	6884.4	52 W	80	18.10
	108-1280	LED-48/48W / 350 mA - 4000 K	7550.6	52 W	80	18.10
	108-2076	LED-36/108W / 1050 mA - 3000 K	14561.8	119 W	80	18.10
	108-2077	LED-36/108W / 1050 mA - 4000 K	15239.1	119 W	80	18.10
	108-2086	LED-48/144W / 1050 mA - 3000 K	19415.7	159 W	80	18.10
	108-2087	LED-48/144W / 1050 mA - 4000 K	20318.8	159 W	80	18.10
	108-2434	LED-36/36W / 350 mA - 2700 K	4830.2	39 W	80	18.10
	108-2435	LED-36/72W / 700 mA - 2700 K	8627.8	79 W	80	18.10
	108-2436	LED-36/108W / 1050 mA - 2700 K	13884.5	119 W	80	18.10
	108-2437	LED-48/48W / 350 mA - 2700 K	6440.3	52 W	80	18.10
108-2438	LED-48/96W / 700 mA - 2700 K	11503.7	105.5 W	80	18.10	

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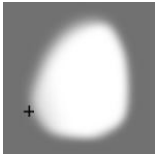
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VFL540-SE LED

Street and Area Lighting

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	108-2439	LED-48/144W / 1050 mA - 2700 K	18512.7	159 W	80	18.10
pedestrian crossing, left-hand traffic [P45L] 	108-1991	LED-36/72W / 700 mA - 3000 K	9127.9	79 W	80	18.08
	108-1992	LED-36/72W / 700 mA - 4000 K	9757.4	79 W	80	18.08
	108-1995	LED-48/96W / 700 mA - 3000 K	12170.5	105.5 W	80	18.08
	108-1996	LED-48/96W / 700 mA - 4000 K	13009.9	105.5 W	80	18.08
pedestrian crossing, right-hand traffic [P45R] 	108-1993	LED-36/72W / 700 mA - 3000 K	9018.9	79 W	80	18.08
	108-1994	LED-36/72W / 700 mA - 4000 K	9640.9	79 W	80	18.08
	108-1997	LED-48/96W / 700 mA - 3000 K	12025.2	105.5 W	80	18.08
	108-1998	LED-48/96W / 700 mA - 4000 K	12854.5	105.5 W	80	18.08
	108-2452	LED-36/72W / 700 mA - 2700 K	8396.9	79 W	80	18.08
108-2453	LED-48/96W / 700 mA - 2700 K	11195.8	105.5 W	80	18.08	

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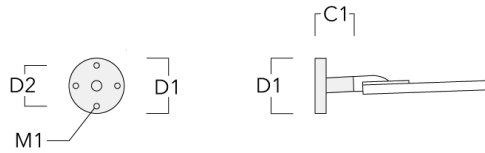
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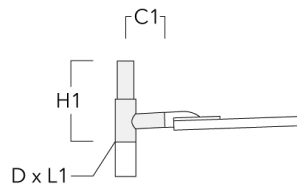
Mounting Accessories

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	

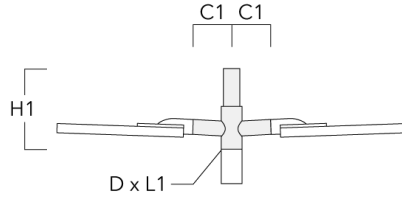


RE1-540 Pole bracket, single	111-0042	7.87			3 x 5	21.65		10.14	200	550
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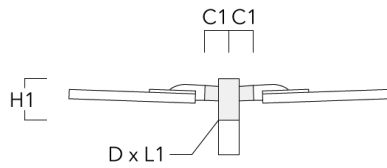
Street and Area Lighting

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
RF2-540 Pole bracket, double	111-0047	7.87	3 x 3	7.87	7.28	200	300



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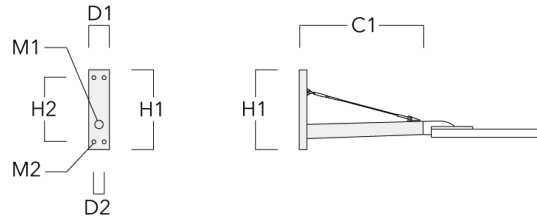
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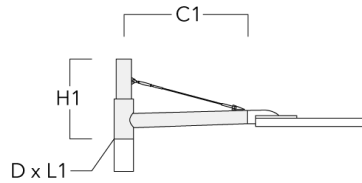
Street and Area Lighting

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

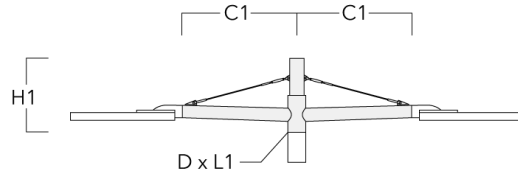


RX1-540 Pole bracket, single	111-0054	39.37			2.99 x 3.15	21.65				14.99
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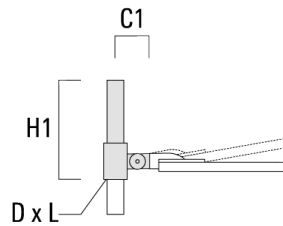
Street and Area Lighting

Description	Part ID	C1	D1	D2	D x L1	H1	H2	M1	M2	Weight (lb)
RX2-540 Pole bracket, double	111-0055	39.37			2.99 x 3.15	21.65				21.38



Wall and pole brackets RI

Description	Part ID	C1	D x 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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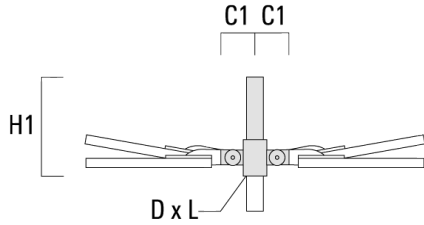
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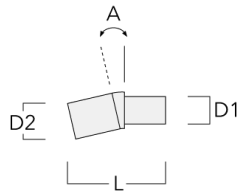
Street and Area Lighting

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



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



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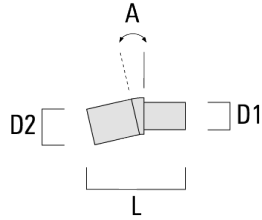
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VFL540-SE LED

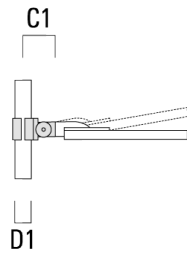
Street and Area Lighting

Description	Part ID	A	D1	D2	L	Weight (lb)
TB-540.60-15 Tilt bracket 15°	111-0637	15°	2.36 x 3.54	2.36 x 3.94	205	1.54



Pole clamp SI

Description	Part ID	C1	D1	Weight (lb)	C	D
SI1-540 Pole clamp, single (Ø 3"-3.5")	111-0070	7.68	3.0-3.50	11.00	195	76 - 89



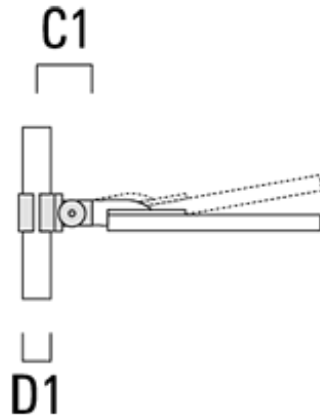
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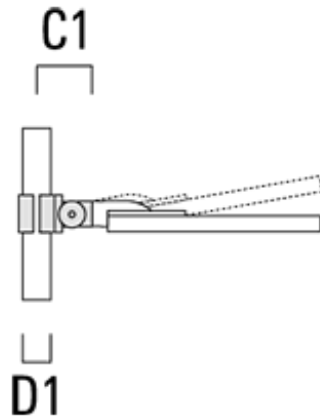
VFL540-SE LED

Street and Area Lighting

Description	Part ID	C1	D1	Weight (lb)	C	D
S11-540 Pole clamp, single (Ø 4.5"-5.25")	111-0071	7.68"	4.50"-5.25"	14.00 lbs	195	102 - 114



S11-540 Pole clamp, single (Ø 4"-4.5")	111-0177	7.68"	4.0"-4.5"	12.00 lbs	195	102 - 114
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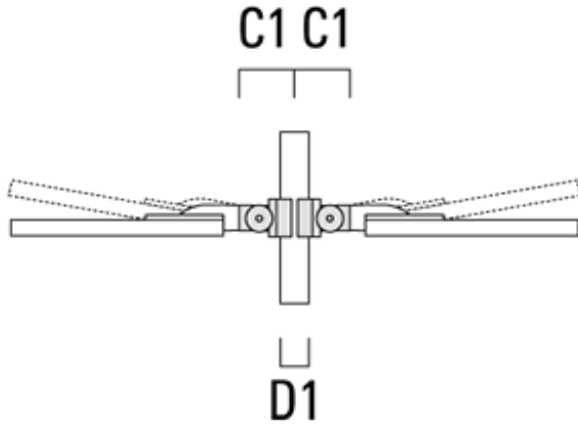
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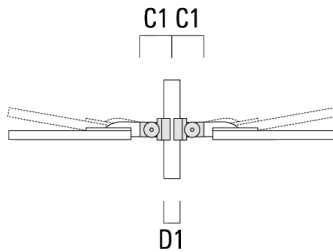
VFL540-SE LED

Street and Area Lighting

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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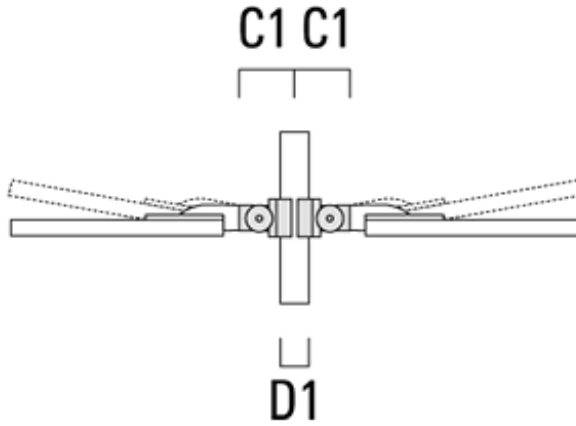
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VFL540-SE LED

Street and Area Lighting

Description	Part ID	C1	D1	Weight (lb)	C	D
SI2-540 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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