

#### **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,

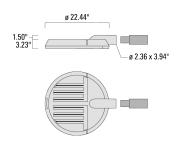
Weight	33.00 lb
Light distribution	pedestrian crossing, right-hand traffic [P45R]
Light source	LED-36/72W / 700 mA - 4000 K
CRI	80
Power supply	electronic gear
BUG	B2 U0 G1
LEDs	36
Rated input power	79 W
Nominal Lumen (lm)	
LED Lumen	310
Total Lumen	11160
Tj	85
Delivered lumens (lm)	
LED Lumen	260.3
Total Lumen	9370.3
Та	25

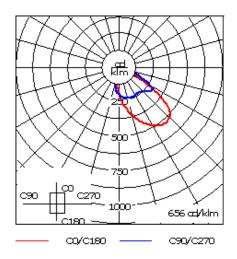
### 111-0891

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### **RFL540-SE LED**

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





## **Specifications**

## **Material description**

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 ft²

### **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

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### **RFL540-SE LED**

### **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.

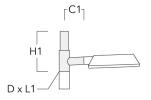
## **Mounting Accessories**

### Wall and pole brackets RE

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

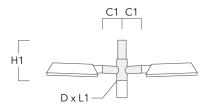


RE1-540 Pole bracket, single	111-0042	7.87	3 x 5	21.65	10.14	200 550



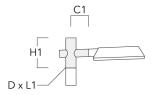


Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (lb)	С	Н
RE2-540 Pole bracket, double	111-0043	7.87			3 x 5	21.65		11.68	200	550



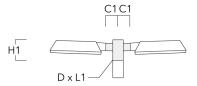
### Pole brackets RF

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



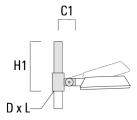


Description	Part ID	C1	D × L1	H1	Weight (lb)	С	Н
RF2-540 Pole bracket, double	111-0047	7.87	2.99 x 3.15	7.87	7.28	200	300



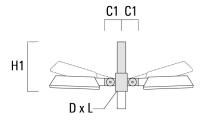
### Wall and pole brackets RI

Description	Part ID	C1	D × L1	H1	Weight (lb)
RI1-540 Adjustable pole bracket,	111-0179	7.87"	3 x 3	20.67"	12.00 lbs
single					



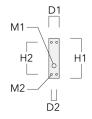


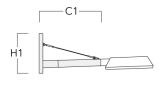
Description	Part ID	C1	D × L1	H1	Weight (lb)
RI2-540 Adjustable pole bracket,	106-0481	7.87"	3 x 3	20.67"	14.00 lbs
double					



## Wall and pole brackets RX

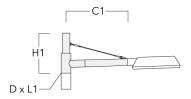
Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (lb)
RX0-540 Wall bracket	111-0086	39.37	5.51	3.94		17.72	15.16	1.18	0.47	11.46

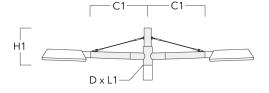






Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (lb)
RX1-540 Pole bracket, single	111-0054	39.37			2.99 x 3.15	21.65				14.99



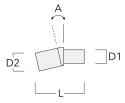


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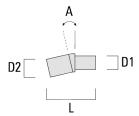
### **RFL540-SE LED**

### **Tilt brackets TB**

Description	Part ID	Α	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



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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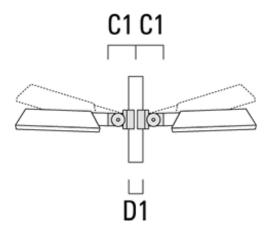


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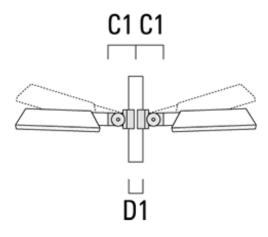
### **RFL540-SE LED**

### **Pole clamp SI**

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

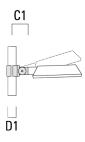


SI2-540 Pole clamp, double (Ø	111-0073	7.68"	4.5"-5.25"	14 lbs	195 102 - 114
4.5"-5.25")					

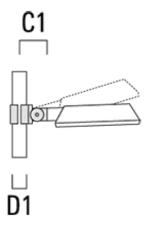




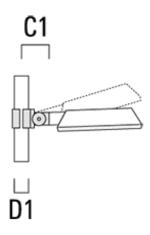
Description	Part ID	C1	D1	Weight (lb)	С	D
SI1-540 Pole clamp, single (Ø	111-0070	7.68	3.0-3.50	11.00	195	76 - 89
3"-3.5")						



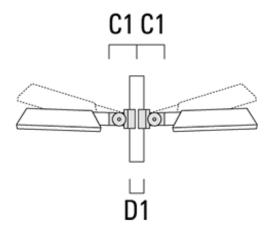
SI1-540 Pole clamp, single (Ø	111-0071	7.68"	4.50"-5.25"	14.00 lbs	195	102 - 114
4.5"-5.25")						



Description	Part ID	C1	D1	Weight (lb)	С	D
SI1-540 Pole clamp, single (Ø	111-0177	7.68"	4.0"-4.5"	12.00 lbs	195	102 - 114
4"-4.5")						



SI2-540 Pole clamp, double (Ø	111-0183	7.68" 4.0"-4.5"	12 lbs	195 102 - 114
4"-4.5")				



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**RFL540-SE LED** 



# **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.