

### Description

Surface-mounted wall luminaire.

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. Two cable entries. CAD-optimized optics for superior illumination and glare control. Integral driver. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire.

Suitable for Up, Down, or Up/Down light distribution. Suitable for installation over 4" recessed junction box. Emergency Lighting Package option available; to be specified as accessory with order.

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)

**Street and Area Lighting**

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**Specifications****Material description**

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Body	Marine-grade die-cast aluminium alloy
Lens	PMMA RFC® Reflection Free Contour 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	0.4

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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	Integral 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.

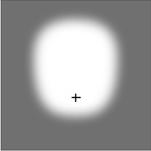
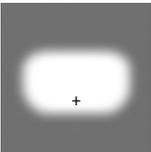
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### Options

Light distribution	Color temperature	Nominal Watt
 [S60] Type III Short	 3000 K	21 W 39 W
 [S65] Type III Medium	 4000 K	0 W 59 W
 [S70] Type II Short	 2700 K	84 W
 [A60] Type IV Very Short		
 [R65] Type IV Medium		
 [P65] Type II Medium		

## Street and Area Lighting

## Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
[A60] Type IV Very Short 	105-7143	LED-18/18W / 350 mA - 2700 K	2114.7	21 W	80	16.50
	105-7149	LED 18/36W / 700 mA - 2700 K	3750.2	41 W	80	16.50
	105-7149-70	LED 18/36W / 700 mA - 2700 K	4028	41 W	70	7.50
	105-7155-70	LED 18/54W / 1050 mA - 2700 K	6733.2	59 W	70	7.50
	105-7161-70	LED 18/78W / 1400 mA - 2700 K	8165.8	80 W	70	7.50
	105-9816	LED-18/18W / 350 mA - 3000 K	2260.5	21 W	80	16.50
	105-9817	LED-18/36W / 700 mA - 3000 K	4028	41 W	80	16.50
	105-9819-70	LED-18/78W / 1400 mA - 3000 K	8506.1	80 W	70	7.50
	105-9820	LED-18/18W / 350 mA - 4000 K	2479.3	21 W	80	16.50
	105-9821	LED-18/36W / 700 mA - 4000 K	4305.8	41 W	80	16.50
	105-9823-70	LED-18/78W / 1400 mA - 4000 K	8846.3	80 W	70	7.50
[P65] Type II Medium 	105-0227-70	LED-18/54W / 1050 mA - 2700 K	7011	59 W	70	7.50
	105-7101-70	LED-18/78W / 1400 mA - 4000 K	9696.1	80 W	70	7.50
	105-7145	LED-18/18W / 350 mA - 2700 K	2152.3	21 W	80	16.50
	105-7145-70	LED-18/18W / 350 mA - 2700 K	2300.8	21 W	70	7.50
	105-7151	LED 18/36W / 700 mA - 2700 K	3891	41 W	80	16.50
	105-7151-70	LED 18/36W / 700 mA - 2700 K	4179.3	41 W	70	7.50
	105-7163-70	LED 18/78W / 1400 mA - 2700 K	8950.2	80 W	70	7.50
[R65] Type IV Medium 	105-0221-70	LED-18/54W / 1050 mA - 2700 K	6882.2	59 W	70	7.50
	105-7144	LED-18/18W / 350 mA - 2700 K	2170.4	21 W	80	16.50
	105-7144-70	LED-18/18W / 350 mA - 2700 K	2320.1	21 W	70	7.50
	105-7150	LED 18/36W / 700 mA - 2700 K	3849.1	41 W	80	16.50
	105-7150-70	LED 18/36W / 700 mA - 2700 K	4134.2	41 W	70	7.50
	105-7156-70	LED 18/54W / 1050 mA - 2700 K	6882.2	59 W	70	7.50
	105-7162-70	LED 18/78W / 1400 mA - 2700 K	8346.6	80 W	70	7.50
	105-9831	LED-18/18W / 350 mA - 3000 K	2320.1	21 W	80	16.50
	105-9832	LED-18/36W / 700 mA - 3000 K	4134.2	41 W	80	16.50
	105-9834-70	LED-18/78W / 1400 mA - 3000 K	8694.4	80 W	70	7.50
	105-9835	LED-18/18W / 350 mA - 4000 K	2544.7	21 W	80	16.50
	105-9836	LED-18/36W / 700 mA - 4000 K	4419.4	41 W	80	16.50
	105-9838-70	LED-18/78W / 1400 mA - 4000 K	9042.1	80 W	70	7.50
[S60] Type III Short	105-7140	LED-18/18W / 350 mA - 2700 K	2317.9	21 W	80	16.50

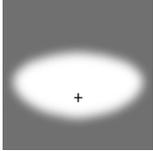
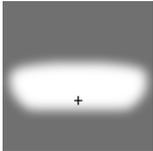
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Street and Area Lighting

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
	105-7146	LED 18/36W / 700 mA - 2700 K	4110.6	41 W	80	16.50
	105-7146-70	LED 18/36W / 700 mA - 2700 K	4415.1	41 W	70	7.50
	105-7152-70	LED 18/54W / 1050 mA - 2700 K	7443.8	59 W	70	7.50
	105-7158-70	LED 18/78W / 1400 mA - 2700 K	9027.5	80 W	70	7.50
	105-9771	LED-18/18W / 350 mA - 3000 K	2477.7	21 W	80	16.50
	105-9772	LED-18/36W / 700 mA - 3000 K	4415.1	41 W	80	16.50
	105-9774-70	LED-18/78W / 1400 mA - 3000 K	9403.7	80 W	70	7.50
	105-9775	LED-18/18W / 350 mA - 4000 K	2717.5	21 W	80	16.50
	105-9776	LED-18/36W / 700 mA - 4000 K	4719.6	41 W	80	16.50
	105-9778-70	LED-18/78W / 1400 mA - 4000 K	9779.8	80 W	70	7.50
[S65] Type III Medium 	105-7141	LED-18/18W / 350 mA - 2700 K	2356.9	21 W	80	16.50
	105-7141-70	LED-18/18W / 350 mA - 2700 K	2519.4	21 W	70	7.50
	105-7147	LED 18/36W / 700 mA - 2700 K	4179.7	41 W	80	16.50
	105-7147-70	LED 18/36W / 700 mA - 2700 K	4489.4	41 W	70	7.50
	105-7153-70	LED 18/54W / 1050 mA - 2700 K	7609.5	59 W	70	7.50
	105-7159-70	LED 18/78W / 1400 mA - 2700 K	9228.3	80 W	70	7.50
	105-9786	LED-18/18W / 350 mA - 3000 K	2519.4	21 W	80	16.50
	105-9787	LED-18/36W / 700 mA - 3000 K	4489.4	41 W	80	16.50
	105-9789-70	LED-18/78W / 1400 mA - 3000 K	9612.9	80 W	70	7.50
	105-9790	LED-18/18W / 350 mA - 4000 K	2763.2	21 W	80	16.50
[S70] Type II Short 	105-7142	LED-18/18W / 350 mA - 2700 K	2318.3	21 W	80	16.50
	105-7148	LED 18/36W / 700 mA - 2700 K	4111.3	41 W	80	16.50
	105-7148-70	LED 18/36W / 700 mA - 2700 K	4415.9	41 W	70	7.50
	105-7154-70	LED 18/54W / 1050 mA - 2700 K	7410.8	59 W	70	7.50
	105-7160-70	LED 18/78W / 1400 mA - 2700 K	8987.6	80 W	70	7.50
	105-9801	LED-18/18W / 350 mA - 3000 K	2478.2	21 W	80	16.50
	105-9802	LED-18/36W / 700 mA - 3000 K	4415.9	41 W	80	16.50
	105-9803-70	LED-18/54W / 1050 mA - 3000 K	7726.1	59 W	70	7.50
	105-9804-70	LED-18/78W / 1400 mA - 3000 K	9362	80 W	70	7.50
	105-9805	LED-18/18W / 350 mA - 4000 K	2718	21 W	80	16.50
105-9806	LED-18/36W / 700 mA - 4000 K	4720.4	41 W	80	16.50	

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# RMC320 LED



## Street and Area Lighting

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Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
	105-9812-70	LED-18/78W / 1400 mA - 4000 K	9736.5	80 W	70	7.50

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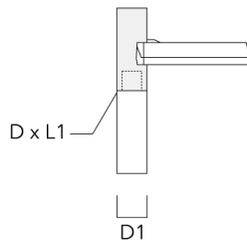
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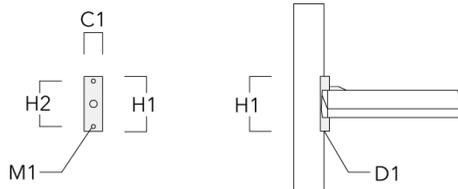
**Mounting Accessories**

**Wall and pole brackets RM**

Description	Part ID	C1	C2	C3	D1	D × L1	H1	H2	M1	Weight (lb)
RM1-76 (OD=102)	105-9847				4	3 x 3				2.20

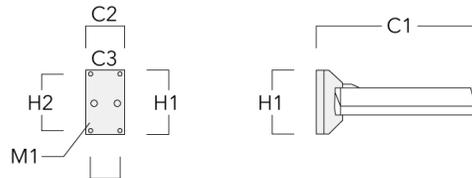


RM1-S	105-9845	1.97			≥ 2.99		5.90	4.88	0.43	1.30
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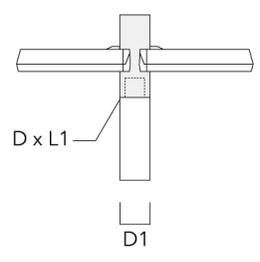


Street and Area Lighting

Description	Part ID	C1	C2	C3	D1	D × L1	H1	H2	M1	Weight (lb)
RM1-W	105-9846	14.72	4.17	3.15			6.93	6.10	0.24	2.90



RM2-76 (OD=102)	105-9848				4	3 x 3				2.20
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**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.