

FEATURES & SPECIFICATIONS

INTENDED USE — Streets, walkways, parking lots and surrounding areas.

CONSTRUCTION — Rugged, die-cast, single-piece aluminum housing with nominal wall thickness of 0.12". Die-cast, top-access doorframe has impact-resistant, tempered, glass lens (3/16" thick). Doorframe is fully gasketed with one-piece tubular silicone.

Finish: Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mm thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum and white. Available in textured and non-textured finishes.

OPTICS — Precision acrylic refractive optics for optimum light distribution through the flat glass lens. Available with Type 2, Type 3, Type 4 and Type 5.

ELECTRICAL — High-efficiency nominal 4000K, 65 CRI LEDs mounted to a metal-core circuit board and aluminum heat sink, ensuring optimal thermal management and long life. Designed to provide more than 60,000 hours of performance (L85) at 25°C (77°F) ambient temperatures. Maximum ambient 40°C (104°F). Standard and dimming drivers are available in 120-277V and 347-480V; 50/60 Hz. Drivers have power factor >90% and THD <20%. Expected driver life is over 60,000 hours, matching the light engine life. Integral surge protection tested in accordance with IEEE/ANSI C62.41.2 to Category C Low.

INSTALLATION — Post top mounts to a 4" OD open pole top (round pole only).

LISTINGS — CSA certified to U.S. and Canadian standards for 40°C (104°F) ambient. IP65 rated.

U.S. Patent No. 553,779.

WARRANTY — Five-year limited warranty.

Note: Specifications to change without notice.

Catalog Number
Notes
Type



Architectural Area & Roadway Lighting

MRP LED



Specifications

Fixture height: 6-3/8 (16.2)

Overall Height: 32 (81.3)

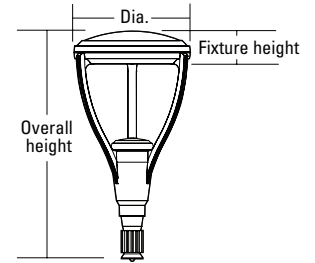
Diameter: 18 (45.7)

*Weight: 37.5 lbs (17 kg)

EPA: 1.125 ft²

All dimensions are inches (centimeters).

*Weight as configured in example below.



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: MRP LED 1 63B350/40K SR5 MVOLT DDBXD

MRP LED	1							
Series	Number of light engines	Performance package ¹	Distribution	Voltage	Mounting	Options	Finish ¹⁰	
MRP LED	1	49B350/40K 63B350/40K 63B530/40K <u>Optional:</u> 49B350/30K 63B350/30K 63B530/30K 49B350/50K 63B350/50K 63B530/50K	SR2 Type II SR3 Type III SR4 Type IV SR5 Type V	MVOLT ² 120 208 240 277 347 480	<u>Shipped included</u> (blank) 4" round open-top pole <u>Optional mounting, shipped separately</u> ^{3,4} MRPT20 MRP tenon slipfitter for 2-3/8" tenon MRPT25 MRP tenon slipfitter for 2-7/8" tenon MRPT30 MRP tenon slipfitter for 3-1/2" tenon MRPT35 MRP tenon slipfitter for 4" tenon MRPF3 MRP pole adaptor for 3" round, open-top pole MRPF5 MRP pole adaptor for 5" round, open-top pole ⁵	<u>Shipped installed in fixture</u> PER NEMA twist-lock receptacle only (no photocell) SF Single fuse (120V, 277, and 347V) ⁶ DF Double fuse (208, 240, 480V) ⁶ DMG Dimming option ⁷ <u>Shipped separately</u> ^{3,8} DSS124 F 1.5 TJJE U Photocell solid-state twist-lock (120, 208, 240, 277) ⁹ REN480 NMX J1 Photocell-ROAM [®] node (480) ⁹ SC U Shorting cap	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Dark bronze textured DBLBXD Black textured DNATXD Natural aluminum textured DWHGXD White textured	

Notes

- Configured with 4000K (/40K) provides the shortest lead times. 3000K (/30K) and 5000K (/50K) are also available. Please consult factory for additional information.
- Multi-volt driver capable of operating on any line voltage from 120V-277V.
- May be ordered as an accessory.
- Must specify finish when ordered as an accessory.
- Maximum pole wall thickness is 0.156".
- Must specify voltage. Not available with MVOLT.
- Not available with 347 or 480V.
- Must order PER option. Must be ordered as separate line item.
- Order from Acuity Brands Controls. Not available for 347V.
- Must be specified.

MRP Omero™ Post Top, LED Lighting

PERFORMANCE DATA

Number of light engines	Total number of LEDs	Current	Performance package	Distribution	Lumens ¹	B	U	G	Nominal system watts ¹	LPW ¹
1	49	350	49B350/40K	SR3	4,999	1	3	1	58	86
				SR4	5,003	1	3	1	58	86
				SR5	5,268	2	3	1	59	90
	63	350	63B350/40K	SR3	6,198	2	3	1	72	86
				SR4	6,177	1	3	1	73	85
				SR5	6,361	3	3	1	73	88
		530	63B530/40K	SR3	8,381	2	3	2	110	76
				SR4	8,331	2	3	2	109	76
				SR5	8,675	3	3	1	109	80

Note

¹ Tested to IESNA LM79-08 standards.

Lithonia Lighting

Lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens)	4999
Watts	58
Lumens per Watt (Efficacy)	86

Color Accuracy
Color Rendering Index (CRI) **63**

Light Color
Correlated Color Temperature (CCT) **4048 (Bright White)**

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the **Label Reference Guide**.

Registration Number: NJSM-CH338K
Model Number: MRP LED 1 49B350/40K SR3
Type: Outdoor area/roadway fixture

Lithonia Lighting

Lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens)	6198
Watts	72
Lumens per Watt (Efficacy)	86

Color Accuracy
Color Rendering Index (CRI) **63**

Light Color
Correlated Color Temperature (CCT) **3833 (Bright White)**

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the **Label Reference Guide**.

Registration Number: NJSM-B1B77D
Model Number: MRP LED 1 63B350/40K SR3
Type: Outdoor area/roadway fixture

Lithonia Lighting

Lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens)	8381
Watts	110
Lumens per Watt (Efficacy)	76

Color Accuracy
Color Rendering Index (CRI) **63**

Light Color
Correlated Color Temperature (CCT) **3863 (Bright White)**

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the **Label Reference Guide**.

Registration Number: NJSM-QC2B8T
Model Number: MRP LED 1 63B530/40K SR3
Type: Outdoor area/roadway fixture

Note

- Additional Lighting Facts available; please consult factory.
- Photometric data can be accessed from the Lithonia Lighting website (www.lithonia.com)