

RM LED ROADWAY

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|--------|------|-----------|
| Cat. # | | Approvals |
| Job | Type | |



Intended Use:

Hubbell Lighting LED Roadway series street light is designed for controlled illumination of roadways, walkways or alleys. The 68w unit provides 65% energy savings versus older 100-175w HPS and 175w Mercury systems. This unit features 48,000 hour L90 or calculated 100,000 plus hour L70 LED life at 25°C. RM produces 6087 lumens for 89 lumens per watt efficacy with a 100-277V driver with matching 100,000 hour life. The Type II distribution provides wide spacing with excellent uniformity and vision capability.

Construction:

The rugged die-cast aluminum fixture with protective PMMA acrylic lens and IP67 optical seal provides a base for the energy-efficient LED technology. Castings feature Lektrocote® powder paint for surface protection and lasting appearance. External HubbellGard™ protected steel fasteners prevent chemical bonding and allow reliable service over time. Driver is mounted with easy access by removable door in an isolated rear compartment for cool operation. Light engine is secured to door frame with four point compression.

Optics:

LED system producing 89 lumens per watt for Type II roadway applications
6087 delivered lumens, 66 CRI

Electrical:

68 input watts. 120V – .77 amps. 277V – .32 amps., Surge protection of 10KA 8/20 µSec wave; clamping voltage of 320V and surge rating of 273J

Operating Temperature:

-35°C to 40°C ambient

Voltage:

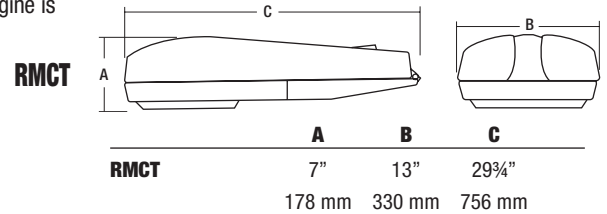
Universal, 100-277V, 50/60Hz driver, 100,000 hr life, consult factory for 347 or 480V

Mounting:

4 bolt slipfitter, adjustable for 1-1/4" - 2" pipe, +/- horizontal adjustment for leveling
3G vibration design

Listings:

Listed to UL1598 for use in wet locations



Hubbell Outdoor Lighting

lighting facts®

A Program of the U.S. DOE

| | |
|---|--------------|
| Light Output (Lumens) | 6088 |
| Watts | 68.15 |
| Lumens per Watt (Efficacy) | 89 |
| Color Accuracy <small>Color Rendering Index (CRI)</small> | |
| | 67 |
| Light Color <small>Correlated Color Temperature (CCT)</small> | |
| 5016 (Daylight) | |
| | |
| 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: A25K-8G8W2M (12/15/2011)
Model Number: RMCT-48LU-020-X-X-X-M53
Type: Outdoor area/roadway fixture

ORDERING INFORMATION

ORDERING EXAMPLE

| | | | | | | | | | | | | | | |
|---|---|-----------------------------------|---|--|---|---|---|--|---|--|---|--------|---|--------------------------------------|
| RMCT | - | 48LU-5K | - | 020 | - | 1 | - | | - | 5 | - | | - | |
| Lens Door | | LED | | Optical Distribution/ Gasketing | | Certification | | Photocell Receptacle | | Ballast Door Closure | | Fusing | | Finish |
| LENS DOOR | | LED | | OPTICAL DISTRIBUTION/ GASKETING | | CERTIFICATION | | PHOTOCELL RECEPTACLE | | FUSING | | | | FINISH |
| RMCT Cut-off top mounted ballast | | 48LU-5K¹ 48 LED | | 020² Type II IP67 Optic | | 1 To UL1598 for use in wet locations | | 2 No PCR 3³ With PCR | | F0 None F1 120 F2 208 F3 240 F4 277 | | | | M51 Bronze M53 Gray |

¹ 4800K CCT

² B1-U1-G1 rating

³ Required for WIH-0M accessory for on/off wireless control capability (consult factory)

NOTE: Approved to 3G for high vibration applications such as bridge, overpass or similar.

Due to our continued efforts to improve our products, product specifications are subject to change without notice.



Outdoor Lighting

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For more information visit our web site: www.hubbelloutdoor.com