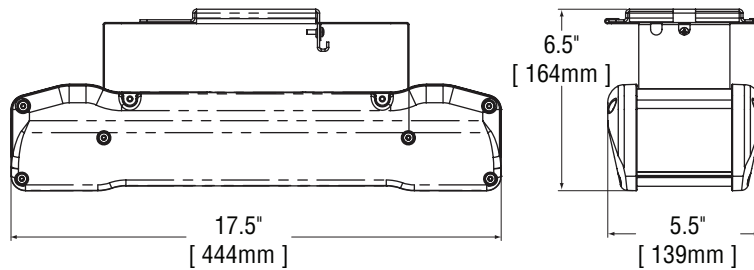


Notes:



| Product | Family | Optic in Degrees | Mounting | # of LEDs (x 10) | LED Series | Voltage | Color Options | Factory-Installed Options |
|---------|--------|------------------|-----------------|--------------------|------------|---|--|--|
| PKG | EDG | 10 ¹ | DM ² | 02 | C | UL Universal 120-277V 12 120V 24 240V 27 277V | SV Silver BZ Bronze BK Black WH White PB Platinum Bronze | 43K 4300K Color Temperature ³ F Fuse P Photocell ⁴ |

Please type additional options in manually on the lines provided above.

Footnotes

- 1. Distribution similar to spot (10°)
- 2. Direct mount
- 3. Color temperature per fixture; minimum 70 CRI
- 4. Must specify voltage other than UL

LED PERFORMANCE SPECS

| # of LEDs | Initial Delivered Lumens – 10° Flood Optic @ 6000K | Initial Delivered Lumens – 10° Flood Optic @ 4300K | System Watts 120-277V | Total Current @ 120V | Total Current @ 230V | Total Current @ 277V | L ₇₀ Hours* @ 25° C (77° F) |
|---|--|--|-----------------------|----------------------|----------------------|----------------------|--|
| 350mA (Standard) Fixture Operating at 25° C (77° F) | | | | | | | |
| 20 | 1,958 (02) | 1,717 (02) | 25 | 0.23 | 0.11 | 0.10 | 105,000 |

** For recommended lumen depreciation data see TD-13

NOTE: All data subject to change without notice.

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Made in the U.S.A. of U.S. and imported parts.
Meets Buy American requirements within the ARRA.



General Description

Slim, low profile design. Fixture is constructed from rugged extruded aluminum, die cast aluminum and stamped metal components. LED driver is mounted in extruded aluminum fixture ends and sealed for weather-tight operation. High performance aluminum heatsinks specifically designed for LED parking structure application. Mounting bracket designed to mount directly over existing single gang and octagonal junction boxes for direct mount. Five year limited warranty on fixture.

Electrical

Modular design accommodates varied lighting output from high power, white, 6000K (+/- 500K per full fixture), minimum 70 CRI, long life LED sources. 120–277V 50/60 Hz, Class 1 LED drivers are standard. LED drivers have power factor >90% and THD <20% of full load. Units provided with integral 10kV surge suppression protection standard. Surge protection tested in accordance with IEEE C62.41.2 and ANSI standard 62.41.2.

Testing & Compliance

UL listed in the U.S. and Canada for wet locations. Consult factory for CE Certified products. RoHS compliant. International Dark-Sky Association approved.

Finish

Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable silver powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Bronze, black, white and platinum bronze powder topcoats are also available. The finish is covered by our 10 year limited warranty.

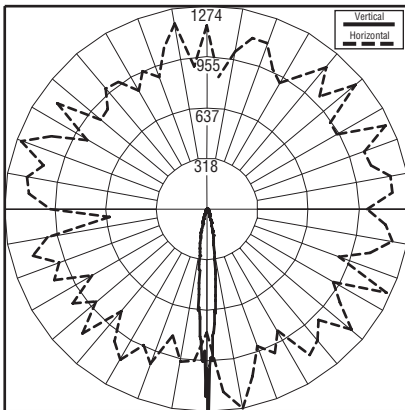
Fixture and finish are endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117.

Patents

U.S. and international patents granted and pending. BetaLED is a division of Ruud Lighting, Inc. For a listing of Ruud Lighting, Inc. patents, visit www.uspto.gov.

Field-Installed Accessories

Photometrics



PRELIMINARY
Candlepower trace of LED 10° flood canopy luminaire.

Coefficients of Utilization

Effective Floor Cavity Reflectance = 0.20

| CC | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | |
| WALL | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 112 | 112 | 112 | 112 | 109 | 109 | 109 | 109 | 105 | 105 | 105 | 100 | 100 | 100 | 96 | 96 | 96 | 94 |
| 1 | 109 | 107 | 105 | 103 | 106 | 105 | 103 | 102 | 101 | 100 | 99 | 97 | 97 | 96 | 94 | 94 | 93 | 91 |
| 2 | 105 | 102 | 99 | 97 | 103 | 101 | 98 | 96 | 98 | 96 | 94 | 95 | 93 | 92 | 92 | 91 | 90 | 89 |
| 3 | 102 | 98 | 95 | 92 | 101 | 97 | 94 | 92 | 95 | 92 | 90 | 93 | 91 | 89 | 91 | 89 | 88 | |
| 87 | | | | | | | | | | | | | | | | | | |
| 4 | 99 | 95 | 91 | 89 | 98 | 94 | 91 | 88 | 92 | 89 | 87 | 90 | 88 | 86 | 89 | 87 | 85 | 84 |
| 5 | 97 | 92 | 88 | 86 | 96 | 91 | 88 | 85 | 90 | 87 | 85 | 88 | 86 | 84 | 87 | 85 | 83 | 82 |
| 6 | 94 | 89 | 86 | 83 | 93 | 89 | 85 | 83 | 87 | 84 | 82 | 86 | 84 | 82 | 85 | 83 | 81 | 80 |
| 7 | 92 | 87 | 83 | 81 | 91 | 86 | 83 | 80 | 85 | 82 | 80 | 84 | 82 | 80 | 83 | 81 | 79 | 78 |
| 8 | 90 | 85 | 81 | 79 | 89 | 84 | 81 | 78 | 83 | 80 | 78 | 83 | 80 | 78 | 82 | 79 | 78 | 77 |
| 9 | 88 | 83 | 79 | 77 | 87 | 82 | 79 | 77 | 81 | 79 | 76 | 81 | 78 | 76 | 80 | 78 | 76 | 75 |
| 10 | 86 | 81 | 77 | 75 | 86 | 80 | 77 | 75 | 80 | 77 | 75 | 79 | 77 | 75 | 79 | 76 | 75 | 74 |

Luminance Data

| Angle | Average (0°) | Average (45°) | Average (90°) |
|-------|--------------|---------------|---------------|
| 45° | 2228 | 312 | 2907 |
| 55° | 1289 | 530 | 645 |
| 65° | 22 | 0 | 0 |
| 75° | 0 | 0 | 339 |
| 85° | 0 | 0 | 0 |

Zonal Lumens and Percentages

| Zone | Lumens | % Lamp | % Fixture |
|--------|--------|--------|-----------|
| 0-30 | 89.84 | 89.80 | 95.40 |
| 0-40 | 92.36 | 92.40 | 98.10 |
| 0-60 | 93.85 | 93.80 | 99.70 |
| 0-90 | 94.13 | 94.10 | 100.00 |
| 90-120 | 0.00 | 0.00 | 0.00 |
| 90-130 | 0.00 | 0.00 | 0.00 |
| 90-150 | 0.00 | 0.00 | 0.00 |
| 90-180 | 0.00 | 0.00 | 0.00 |
| 0-180 | 94.13 | 94.10 | 100.00 |

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