

## **GENERAL ILLUMINATION**





# **LUXEON Rebel**

Reliable high-power LED that gives you the design flexibility and performance you need



LUXEON Rebel LEDs deliver optimized combinations of light quality and light output needed for a variety of lighting applications. In addition to delivering specified correlated color temperature and color rendering combinations, these emitters deliver the efficacy, lifetime and reliability that all LUXEON LEDs are renowned for.

### FEATURES AND BENEFITS

Specified CCT & CRI combinations

1/4<sup>th</sup> ANSI binning

High efficacy for sustainable design

More light delivered at operating temperature

Exceeds ENERGY STAR® lumen maintenance requirements

UL-recognized component [E352519]

### PRIMARY APPLICATIONS

- Downlights
- Outdoor
- Specialty Lighting

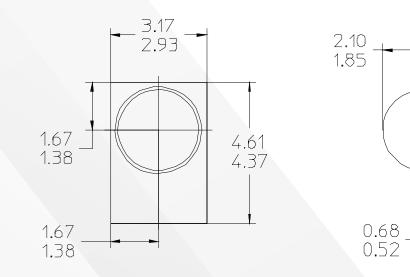
#### LUXEON Rebel product performance at 350mA, T<sub>i</sub>=25°C.

| NOMINAL<br>CCT <sup>[2]</sup> | MINIMUM<br>CRI | LUMINOUS FLUX <sup>[1]</sup> (lm) |         | TYPICAL LUMINOUS | PART NUMBER |
|-------------------------------|----------------|-----------------------------------|---------|------------------|-------------|
|                               |                | MINIMUM                           | TYPICAL | EFFICACY (lm/W)  |             |
| 2700K                         | 80             | 65                                | 73      | 65               | LXM3-PW81   |
| 3000K                         | 80             | 66                                | 77      | 69               | LXM3-PW71   |
| 3500K                         | 80             | 67                                | 80      | 71               | LXM3-PW61   |
| 4000K                         | 80             | 75                                | 85      | 76               | LXM3-PW51   |

Notes:

Lumileds maintains a tolerance of ±6.5% on flux measurements.
Correlated color temperature is based upon mounted die on highly reflective surface at T<sub>1</sub>=25°C.

#### Mechanical Dimensions.



Notes:

Drawings are not scale.
All dimensions are in millimeters.

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