



## LUMILEDS™ LUXEON® REBEL ADHESIVE-BACKED LENS



### FEATURES / BENEFITS

- ▲ For LUXEON Rebel LEDs
- ▲ Available in spot, medium, wide, frosted spot and oval lenses
- ▲ Integral self-adhesive pad
- ▲ Compact size
- ▲ Greater than 80% efficiency
- ▲ 3 alignment tabs to ensure accurate placement over LED
- ▲ Frosted model for even light output within 7° half divergence & smooth tailoff. Designed to minimize hot spots & fringing in color mixing applications

### OPERATING CONDITIONS

- ▲ -40°C to +110°C temperature

### MATERIALS/FINISH

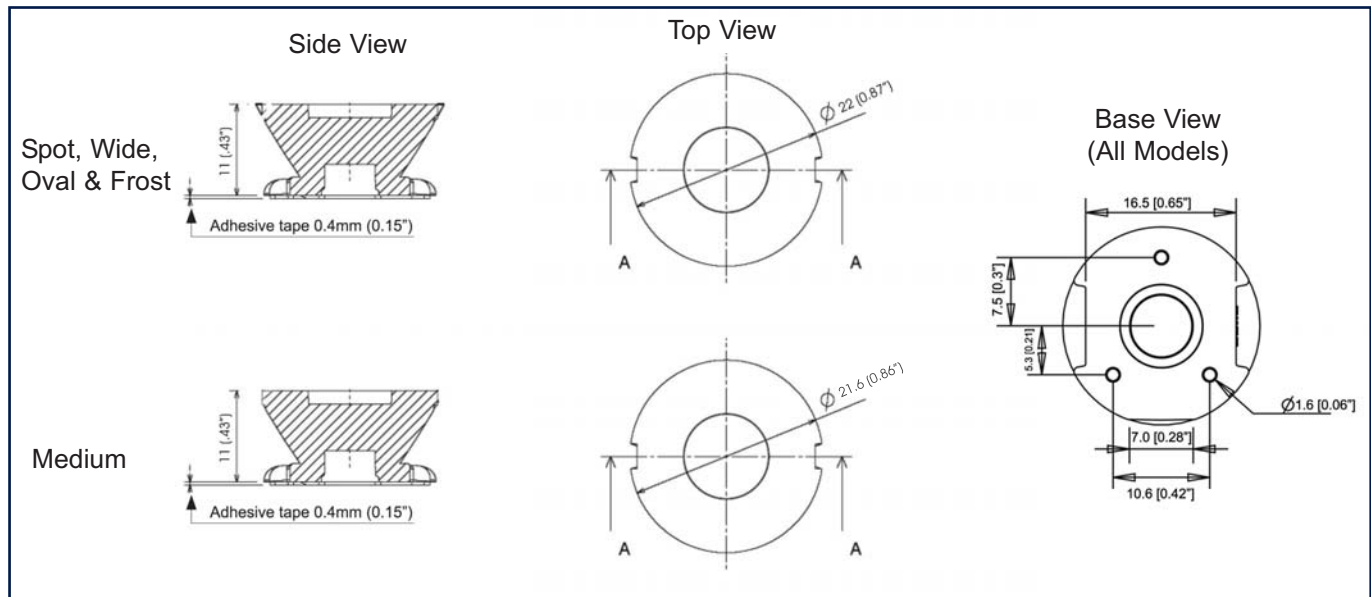
- ▲ Optical grade polycarbonate 143R

### ORDERING INFORMATION

| BASE LENSES                          |                                                 |          |
|--------------------------------------|-------------------------------------------------|----------|
| Dialight P/N                         | Description                                     | Degree*  |
| OPC1-1-SPOT                          | Spot Base Module<br>for LUXEON Rebel            | 5°       |
| OPC1-1-SDIF                          | Diffused Base Module<br>for LUXEON Rebel        | 7°       |
| OPC1-1-MDIF                          | Medium Diffused Base Module<br>for LUXEON Rebel | 10°      |
| OPC1-1-OVAL                          | Oval Base Module<br>for LUXEON Rebel            | 8° X 25° |
| OPC1-1-WIDE                          | Wide Diffused Base Module<br>For LUXEON Rebel   | 20°      |
| *All angles refer to half divergence |                                                 |          |

Dialight reserves the right to make changes at any time  
in order to supply the best product possible.

## MECHANICAL DIMENSIONS

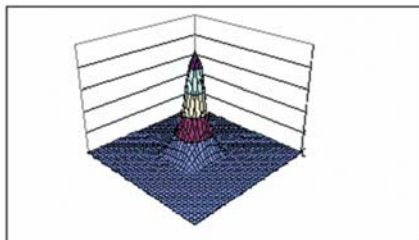


## PCB ALIGNMENT DIMENSION DETAILS

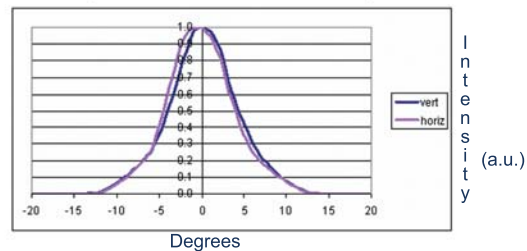


## PHOTOMETRIC DATA FOR SPOT VERSION

3 D surface Plot based on simulation



Horizontal and vertical Scans (Lab Measurement)



IES files available at [www.dialight.com](http://www.dialight.com)

For photometric data on other models, please contact factory

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The most current version of this document will always be available at:

[www.dialight.com/Assets/Brochures\\_And\\_Catalogs/Illumination/MDEXLUMADBREB.pdf](http://www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXLUMADBREB.pdf)

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