

### EMERALD

**Lenses primarily designed for emergency and exit route lighting with an extremely wide beam**

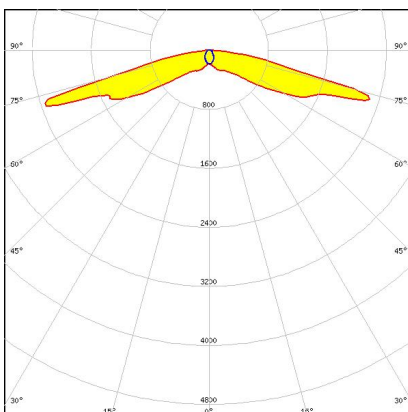
EMERALD-family has been designed primarily for emergency exit route lighting. A wide beam distribution makes it possible to achieve EN 1838 compliant lighting for installation height to distance ratios of up to and beyond 1:7. EMERALD-MAXI-A is also suitable for IESNA Type I Medium street lighting, retrofit and security street lighting applications when tilted around 15°.

### EMERALD



### PRODUCTS:

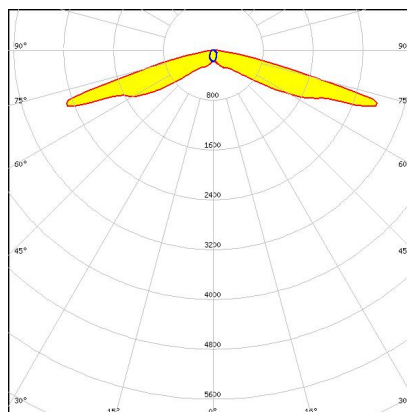
#### C13155\_EMERALD-A



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 6.90 mm**

Asymmetric beam

#### CA13156\_EMERALD-A



**Dimensions: 21.6 mm x 21.6 mm**  
**Height: 7.30 mm**

Asymmetric beam. Assembly with  
installation tape.

### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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