

## BRIDGET-M-UNI

~35° medium beam

### SPECIFICATION:

Dimensions	Ø 22.6 mm
Height	12.8 mm
Fastening	glue
ROHS compliant	yes ⓘ

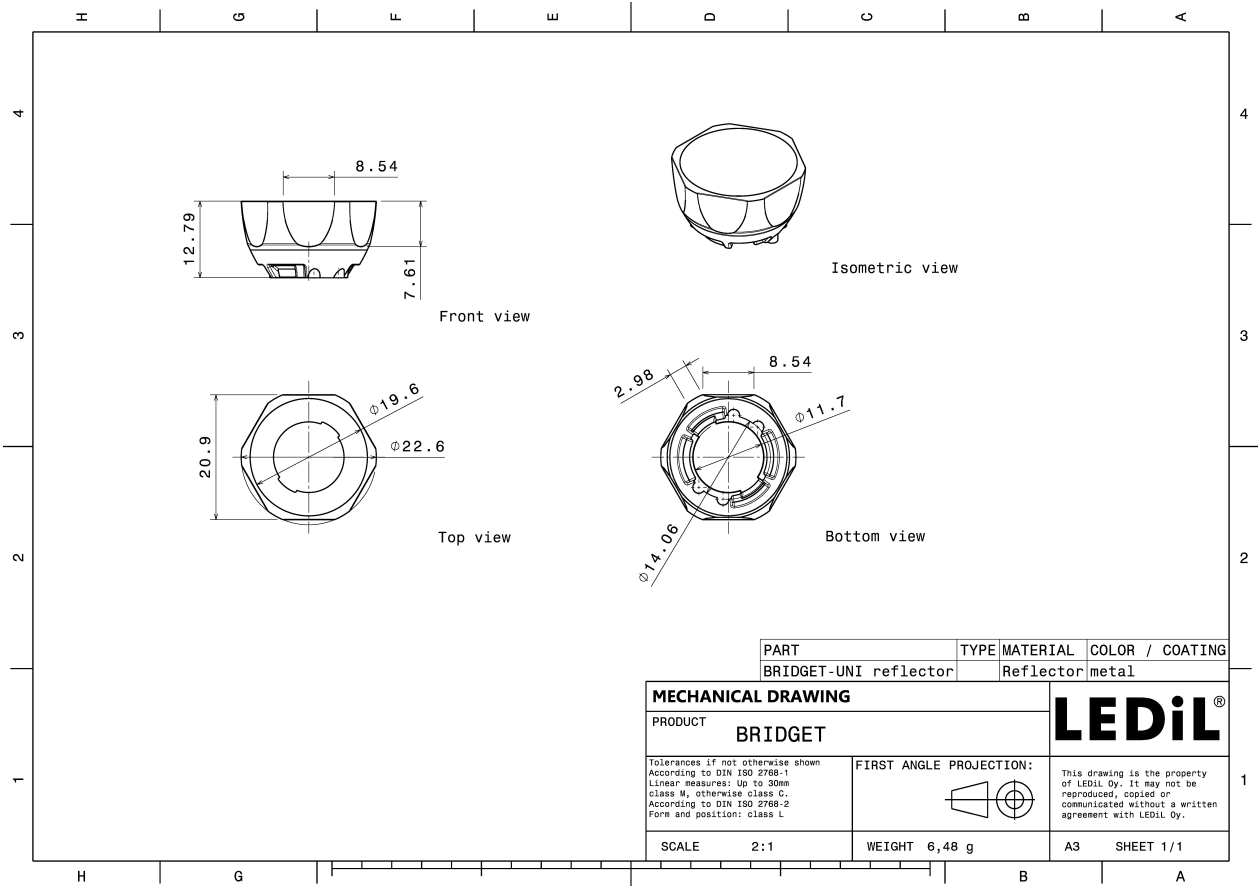
### MATERIALS:

Component	Type	Material	Colour	Finish	Coating
BRIDGET-M-UNI	Reflector	PC	metal		lacquer

### ORDERING INFORMATION:



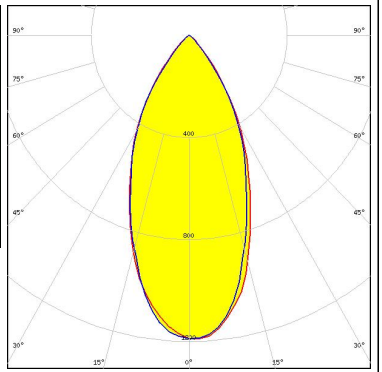

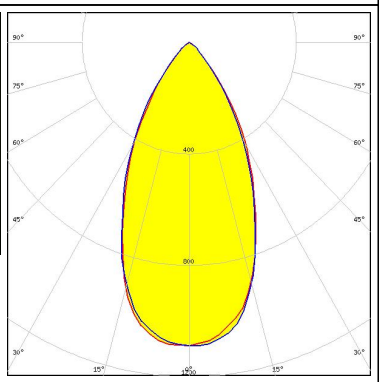

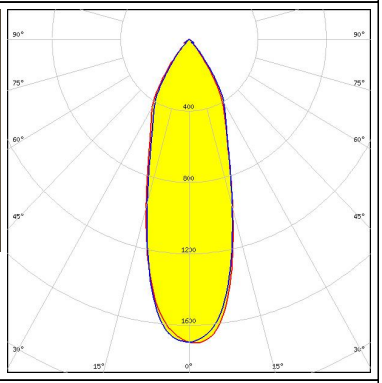


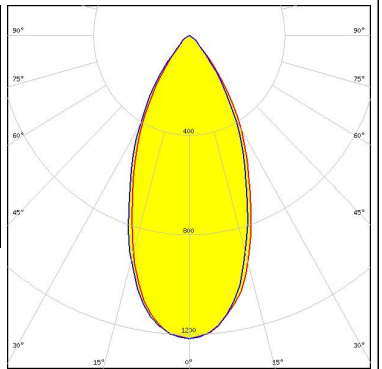
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13556_BRIDGET-M-UNI » Box size: 480 x 280 x 300 mm	1680	336	112	4.8





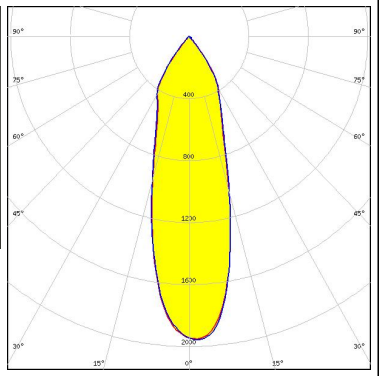

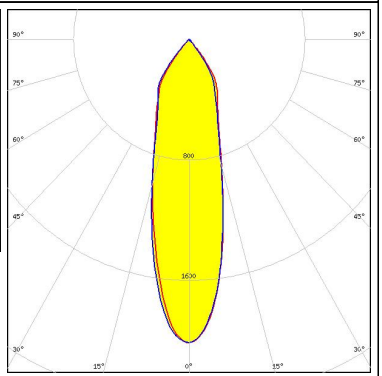
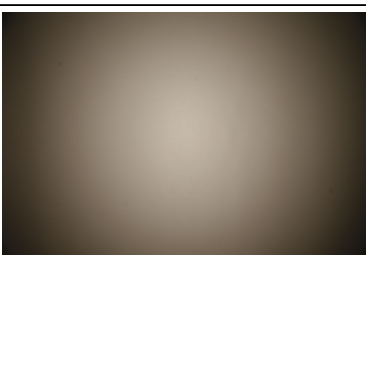
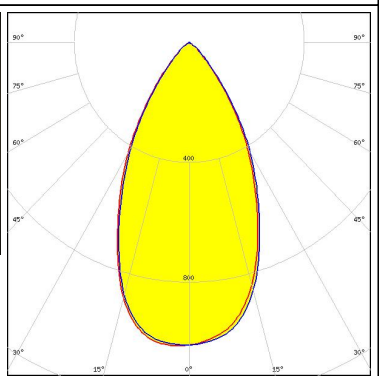


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

<p></p> <p>LED BXRA ES Star            FWHM / FWTM 48.0° / 85.0°            Efficiency 84 %            Peak intensity 1.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CITIZEN</b></p> <p>LED CLL02x/CLU02x (LES10)            FWHM / FWTM 52.0° / 86.0°            Efficiency 84 %            Peak intensity 1.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CITIZEN</b></p> <p>LED CLU700/701/702/703            FWHM / FWTM 34.0° / 75.0°            Efficiency 85 %            Peak intensity 1.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p></p> <p>LED CXA/B 15xx            FWHM / FWTM 47.0° / 83.0°            Efficiency 84 %            Peak intensity 1.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

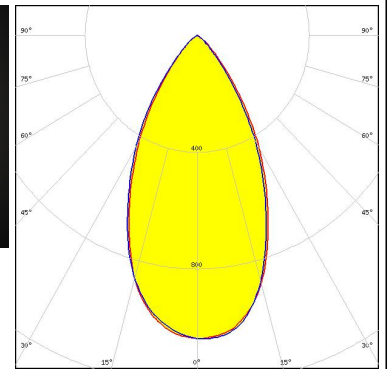
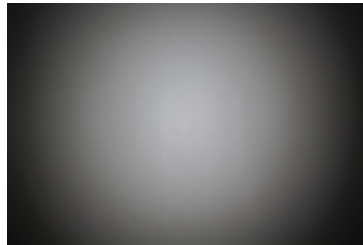
#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LED</p> <p>LED: XP-L HI            FWHM / FWTM: 20.0° / 74.0°            Efficiency: 86 %            Peak intensity: 3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 5050 Round LES            FWHM / FWTM: 30.0° / 75.0°            Efficiency: 88 %            Peak intensity: 2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED: LUXEON V            FWHM / FWTM: 28.0° / 76.0°            Efficiency: 86 %            Peak intensity: 2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>LUMINUS</b></p> <p>LED: CxM-9 (13.5x13.5)            FWHM / FWTM: 53.0° / 87.0°            Efficiency: 85 %            Peak intensity: 1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		

### OPTICAL RESULTS (MEASURED):

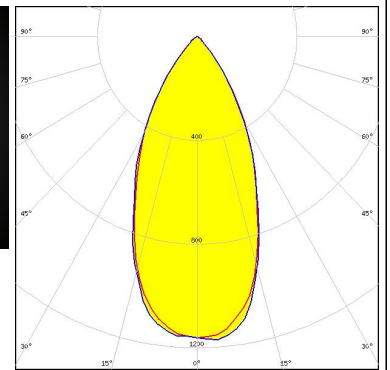
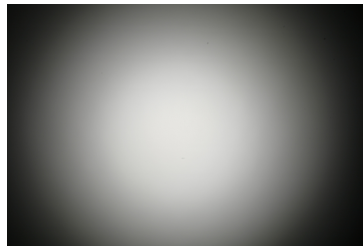
#### SAMSUNG

LED LC003D / LC006D / LC009D / LC013D  
FWHM / FWTM 53.0° / 88.0°  
Efficiency 86 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:


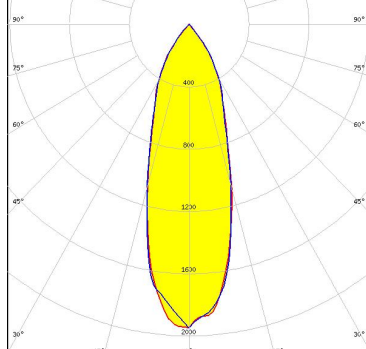

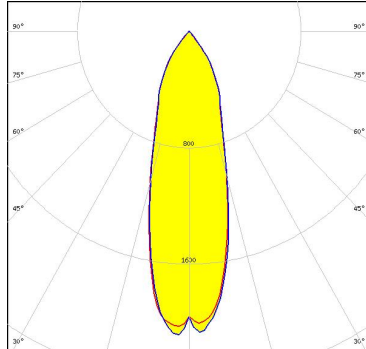

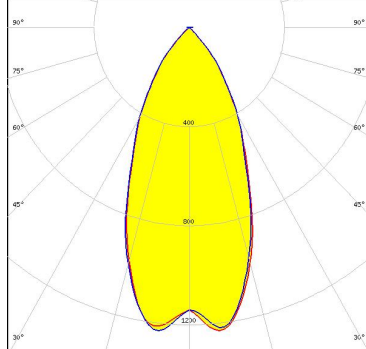

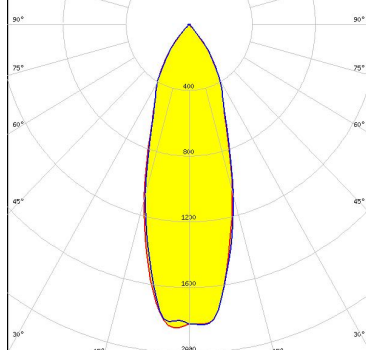


#### SHARP

LED Mini Zenigata (GW5BM)  
FWHM / FWTM 49.0° / 84.0°  
Efficiency 84 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



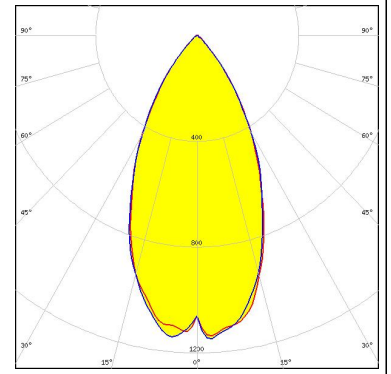
#### OPTICAL RESULTS (SIMULATED):

<p> LED V6 HD Gen 7</p> <p>FWHM / FWTM 33.0° / 75.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED CXA/B 13xx</p> <p>FWHM / FWTM 31.0° / 74.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 2.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED XHP70.3 HD</p> <p>FWHM / FWTM 46.0° / 84.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p> LED XHP70.3 HI</p> <p>FWHM / FWTM 34.0° / 76.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	Soleriq S9
FWHM / FWTM	51.0° / 84.0°
Efficiency	88 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



### 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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

### 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.

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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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