

BRIDGET-S-UNI

~25° spot beam

TECHNICAL SPECIFICATIONS:

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

MATERIAL SPECIFICATIONS:

Component	Type	Material
BRIDGET-S-UNI	Reflector	PC



Colour	Finish	Coating
metal		lacquer

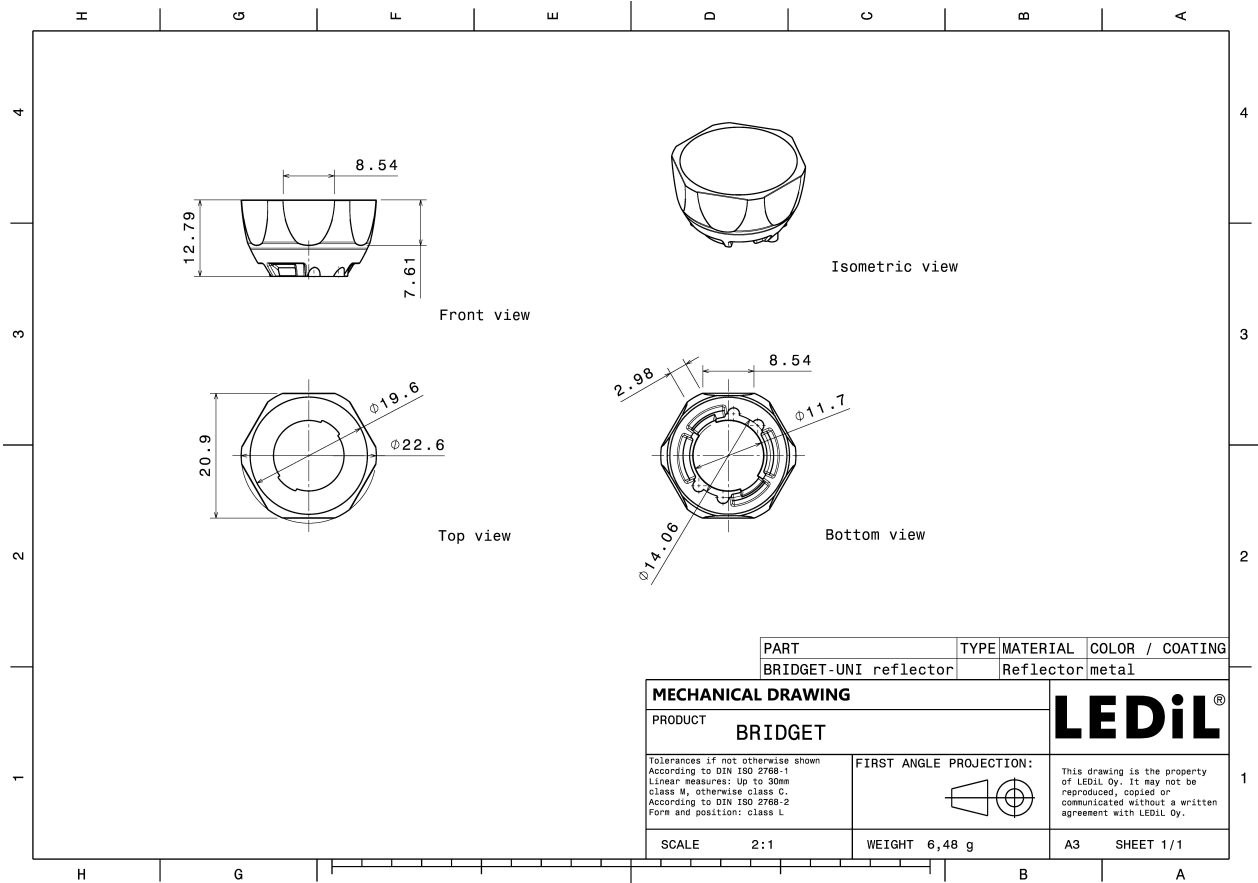
ORDERING INFORMATION:

Component



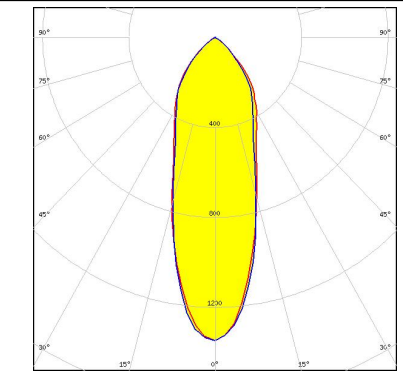

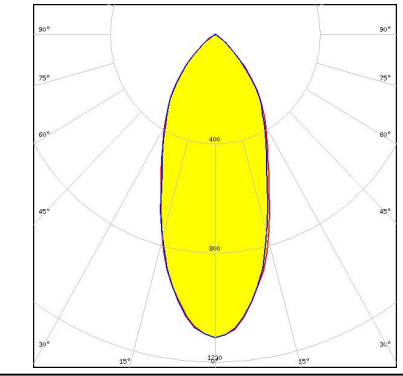
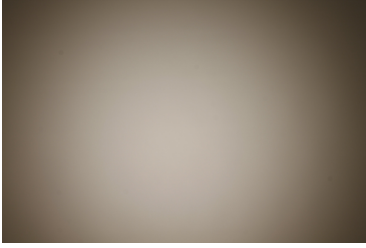
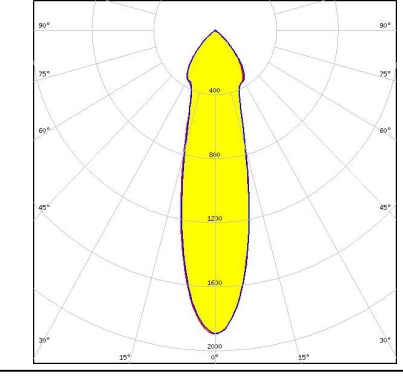

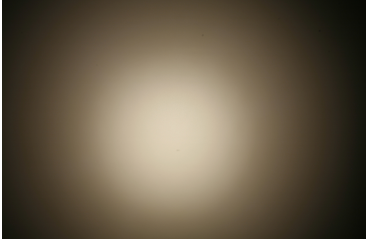
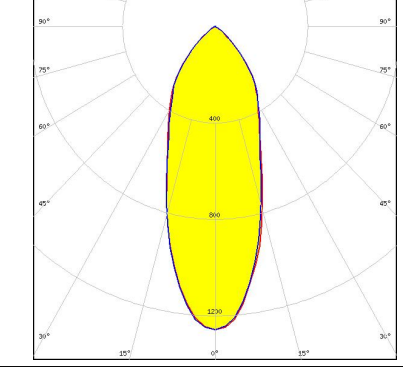
C13557_BRIDGET-S-UNI

» Box size: 480 x 280 x 300 mm





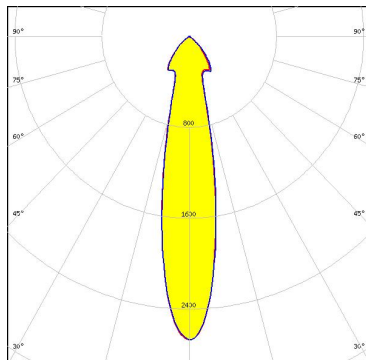


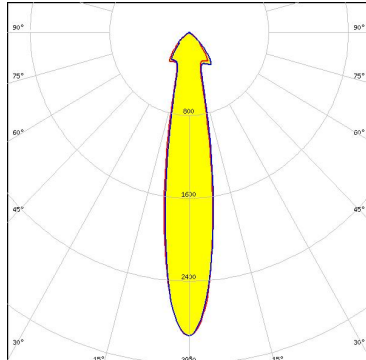

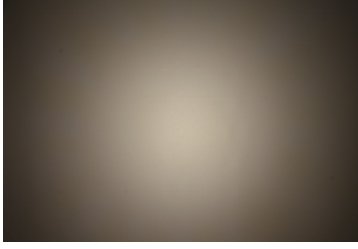
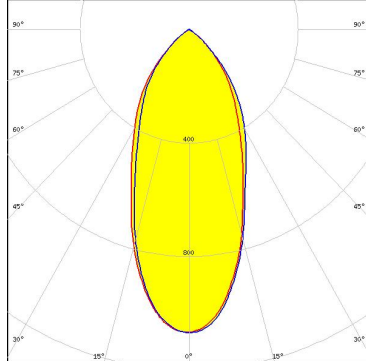
Qty in box	MOQ	MPQ	Box weight (kg)
1680	336	112	3.7



PHOTOMETRIC DATA (MEASURED):

<p> LED BXRA ES Star</p> <p>FWHM 35.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>CITIZEN</p> <p>LED CLL02x/CLU02x (LES10)</p> <p>FWHM 44.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>CITIZEN</p> <p>LED CLU700/701/702</p> <p>FWHM 26.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 1.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> LED CXA/B 15xx</p> <p>FWHM 39.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

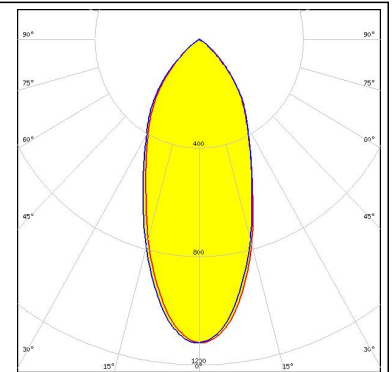
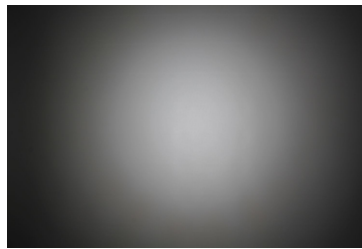
PHOTOMETRIC DATA (MEASURED):

<p>CREE </p> <p>LED XP-L HI FWHM 14.0° Efficiency 90 % Peak intensity 5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS </p> <p>LED LUXEON 5050 Round LES FWHM 21.0° Efficiency 90 % Peak intensity 2.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS </p> <p>LED LUXEON V FWHM 19.0° Efficiency 88 % Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMINUS </p> <p>LED CxM-9 (13.5x13.5) FWHM 45.0° Efficiency 87 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

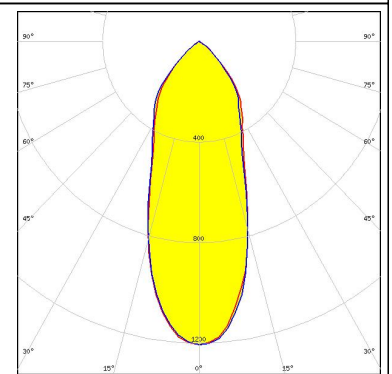
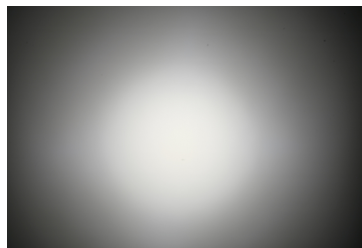
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
FWHM 44.0°
Efficiency 88 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:


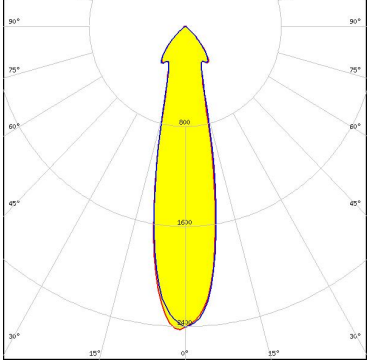

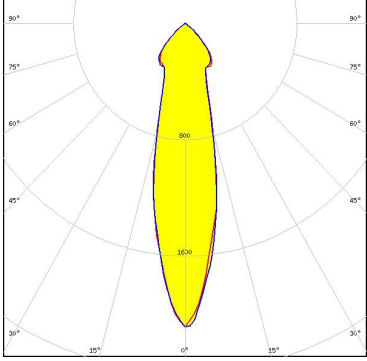

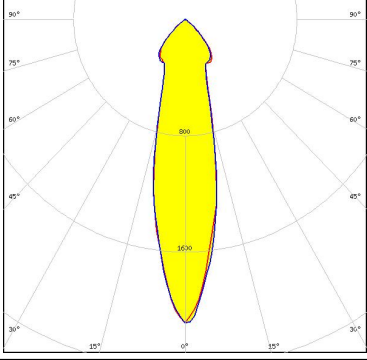

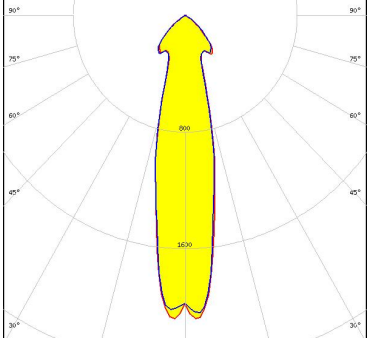


SHARP

LED Mini Zenigata (GW5BM)
FWHM 42.0°
Efficiency 87 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



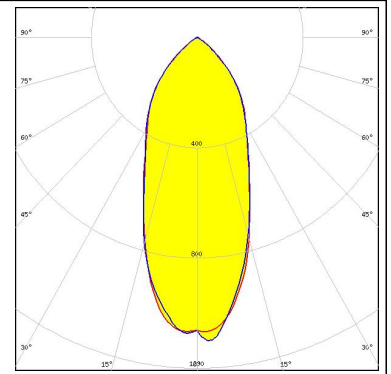
PHOTOMETRIC DATA (SIMULATED):

<p> bridgelux</p> <p>LED V4 HD FWHM 24.0° Efficiency 90 % Peak intensity 2.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> bridgelux</p> <p>LED V6 Gen6 FWHM 22.0° Efficiency 90 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> bridgelux</p> <p>LED V6 HD FWHM 24.0° Efficiency 91 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> CREE</p> <p>LED XHP50 FWHM 24.0° Efficiency 90 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	Solering S9
FWHM	42.0°
Efficiency	89 %
Peak intensity	1.1 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.

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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