

BRIDGET-S-UNI

~25° spot beam

SPECIFICATION:

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

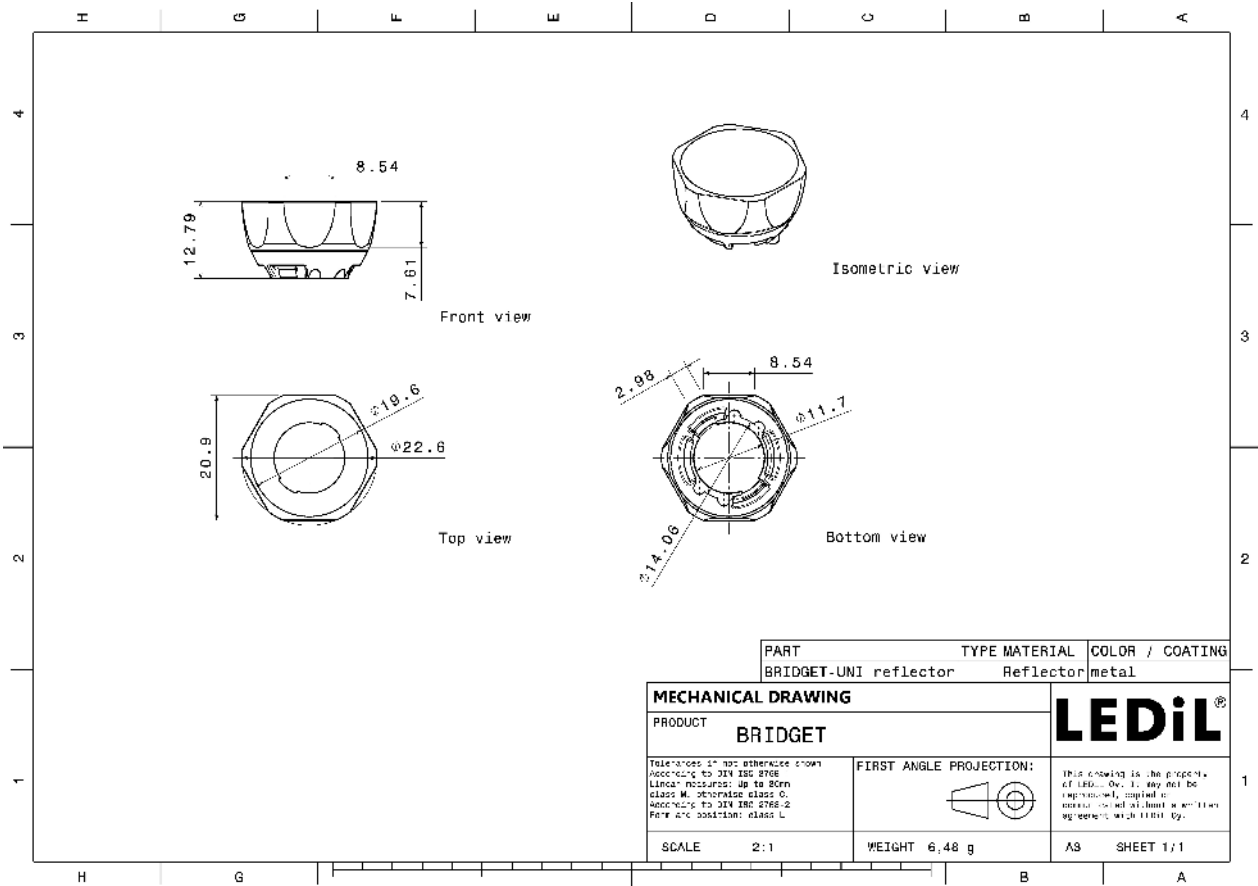
MATERIALS:

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





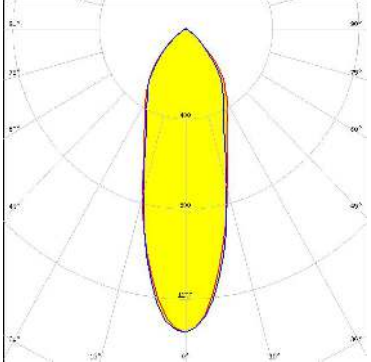

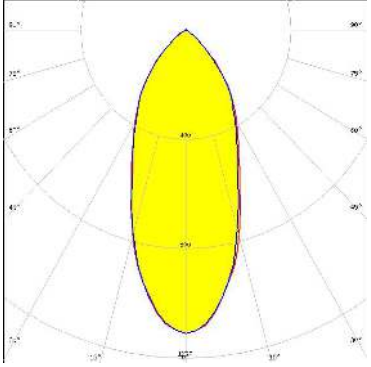

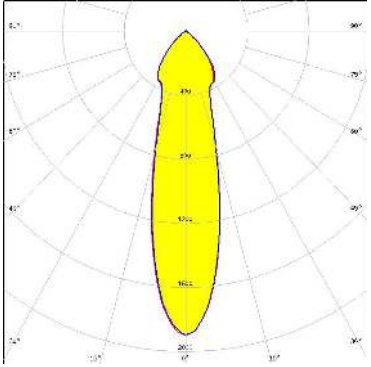


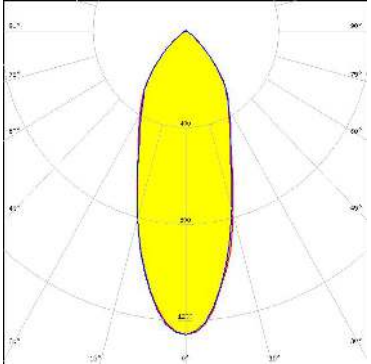
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13557_BRIDGET-S-UNI » Box size: 480 x 280 x 300 mm	1680	336	112	3.7

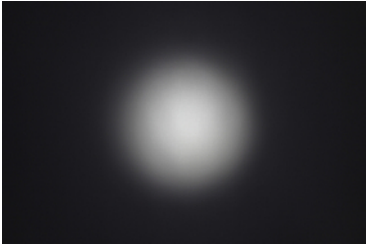
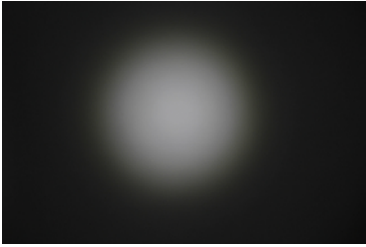
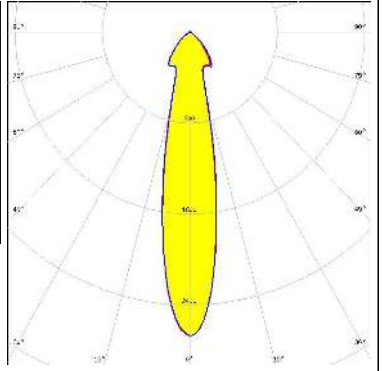

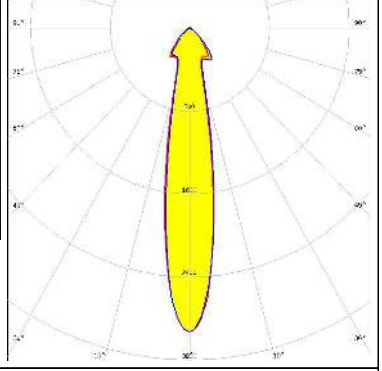
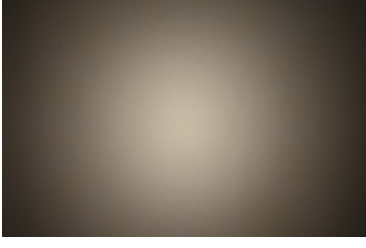
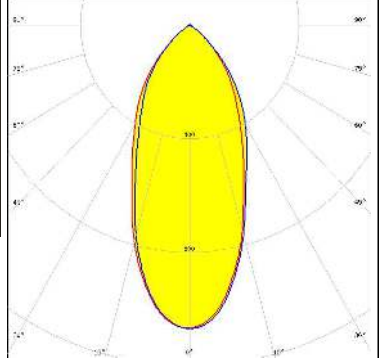


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

<p></p> <p>LED BXRA ES Star</p> <p>FWHM / FWTM 35.0° / 94.0°</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 / FWTM 44.0° / 95.0°</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 CLU700/701/702/703</p> <p>FWHM / FWTM 26.0° / 85.0°</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></p> <p>LED CXA/B 15xx</p> <p>FWHM / FWTM 39.0° / 94.0°</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>		

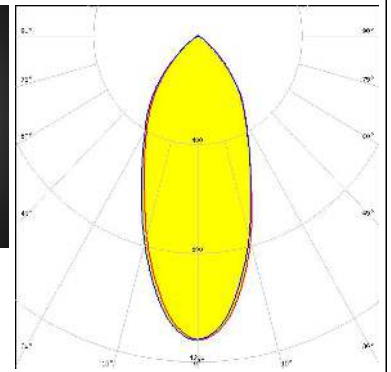
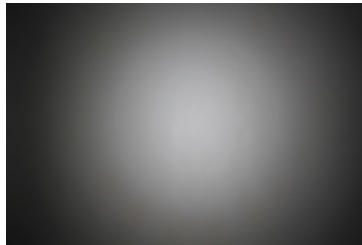
OPTICAL RESULTS (MEASURED):

<p>CREE LED</p> <p>LED: XP-L HI FWHM / FWTM: 14.0° / 29.0° 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 / FWTM: 21.0° / 78.0° 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 / FWTM: 19.0° / 76.0° 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 / FWTM: 45.0° / 96.0° Efficiency: 87 % Peak intensity: 1.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

OPTICAL RESULTS (MEASURED):

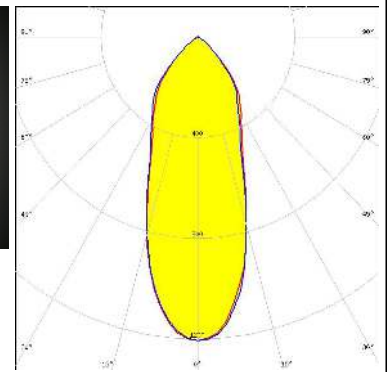
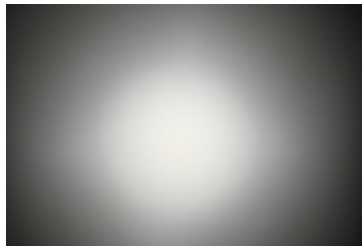
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
FWHM / FWTM 44.0° / 95.0°
Efficiency 88 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:


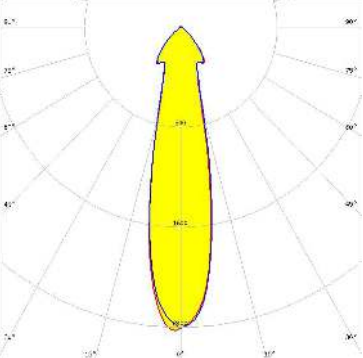

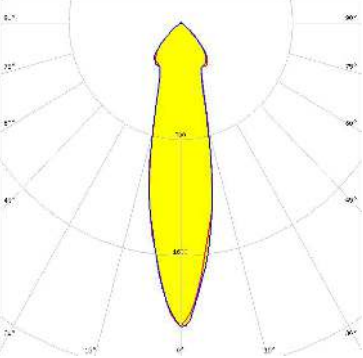

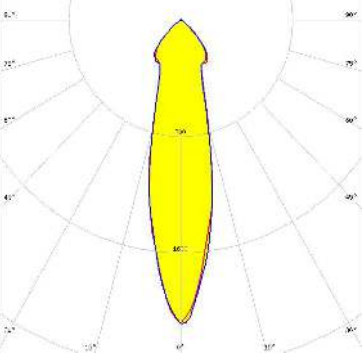

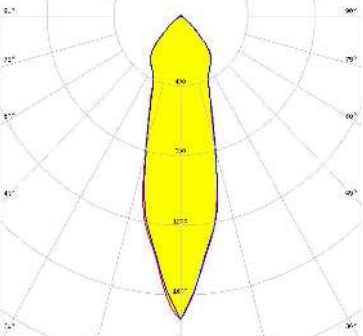


SHARP

LED Mini Zenigata (GW5BM)
FWHM / FWTM 42.0° / 95.0°
Efficiency 87 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



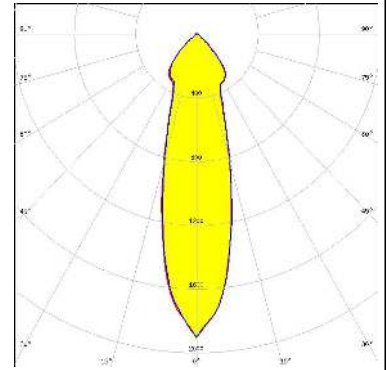
OPTICAL RESULTS (SIMULATED):

<p></p> <p>LED V4 HD Gen 7</p> <p>FWHM / FWTM 24.0° / 82.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 2.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p></p> <p>LED V6 Gen6</p> <p>FWHM / FWTM 22.0° / 82.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 2.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p></p> <p>LED V6 HD Gen 7</p> <p>FWHM / FWTM 24.0° / 88.0°</p> <p>Efficiency 91 %</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></p> <p>LED Vesta DTW 6mm</p> <p>FWHM / FWTM 28.0° / 90.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

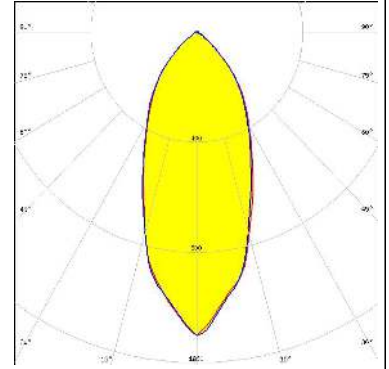
CREE ⇄ LED

LED CMA1306
 FWHM / FWTM 28.0° / 88.0°
 Efficiency 90 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



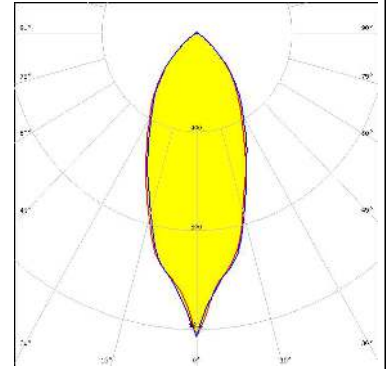
CREE ⇄ LED

LED CMT14xx
 FWHM / FWTM 44.0° / 96.0°
 Efficiency 88 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



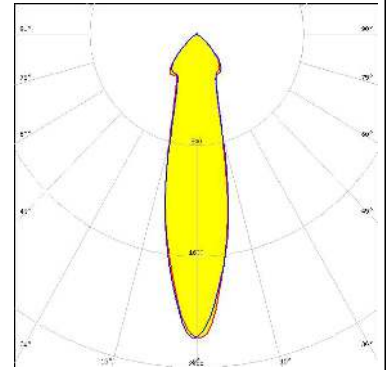
CREE ⇄ LED

LED CMU10xx
 FWHM / FWTM 40.0° / 95.0°
 Efficiency 88 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

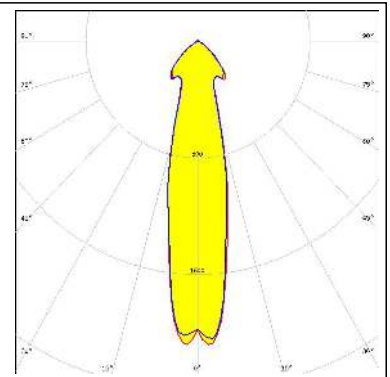
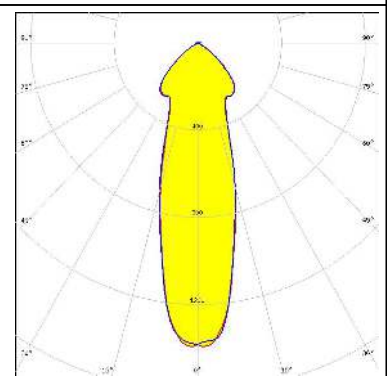
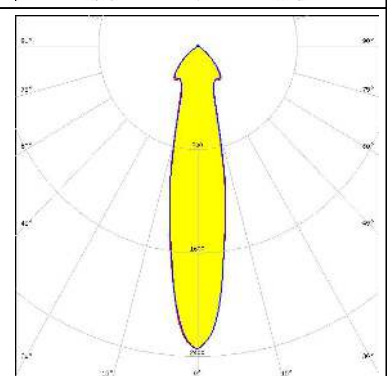
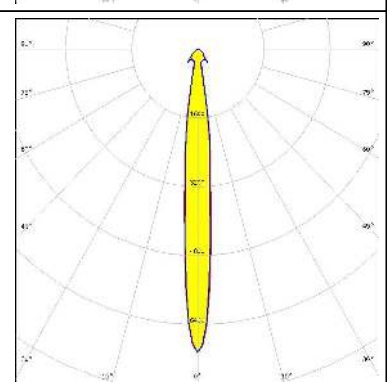


CREE ⇄ LED

LED CXA/B 13xx
 FWHM / FWTM 24.0° / 86.0°
 Efficiency 90 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



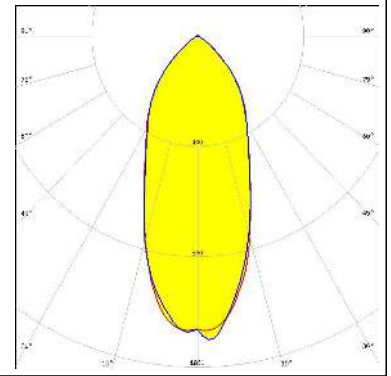
OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>LED: XHP50 FWHM / FWTM: 24.0° / 92.0° Efficiency: 90 % Peak intensity: 2.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XHP70.3 HD FWHM / FWTM: 30.0° / 102.0° Efficiency: 89 % Peak intensity: 1.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XHP70.3 HI FWHM / FWTM: 22.0° / 86.0° Efficiency: 91 % Peak intensity: 2.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMINUS</p> <p>LED: SFT-12R-W FWHM / FWTM: 10.0° / 22.0° Efficiency: 91 % Peak intensity: 7.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	Soleriq S9
FWHM / FWTM	42.0° / 98.0°
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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

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