

BRIDGET-S-UNI

~45° spot beam

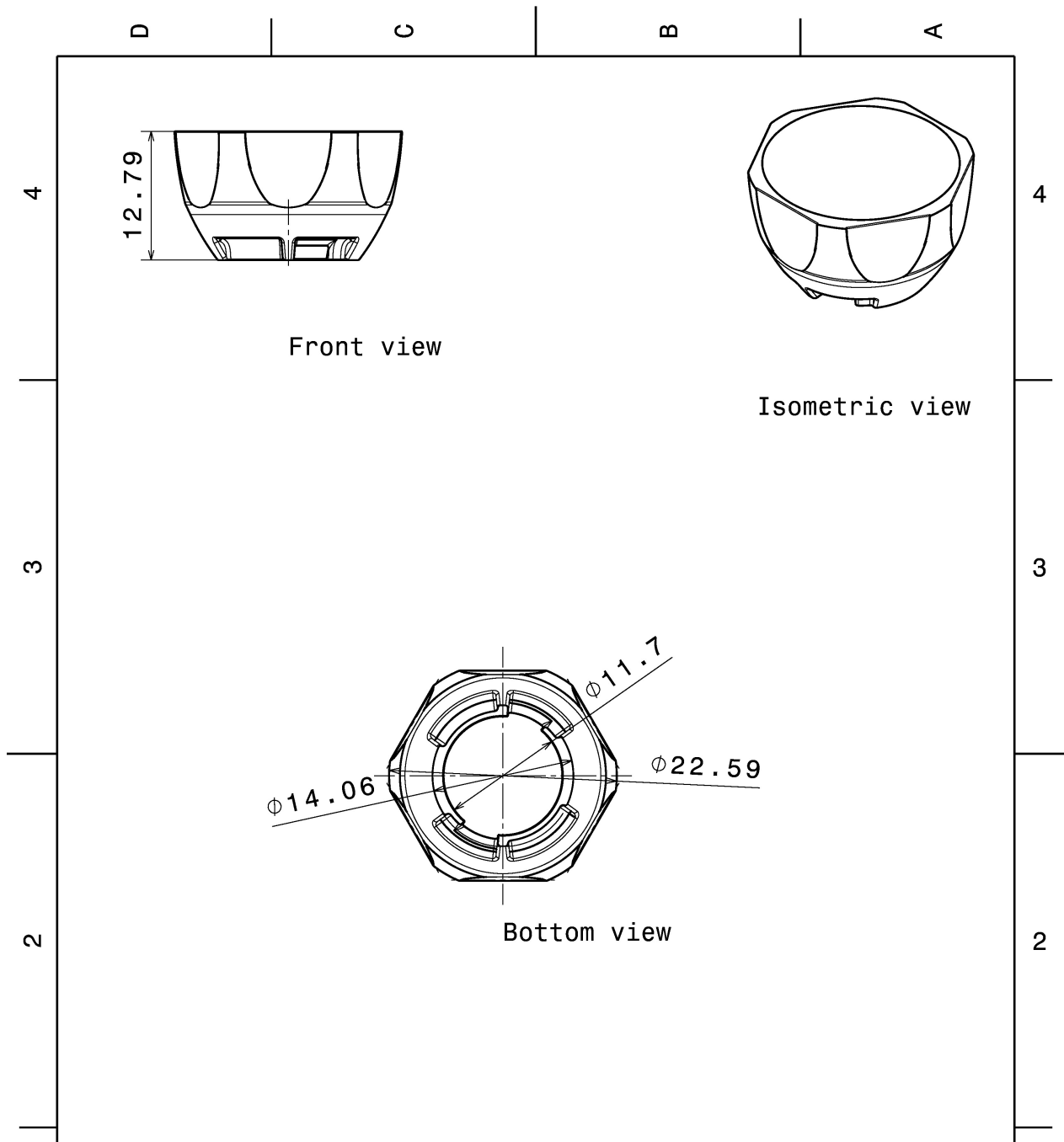
TECHNICAL SPECIFICATIONS:

Dimensions	22.6 mm
Height	12.8 mm
Fastening	glue
Colour	metal
Box size	480 x 280 x 300 mm
Box weight	3.7 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

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



Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L



Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE

BRIDGET_UNI_Datasheet

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SIZE PART NUMBER

A4



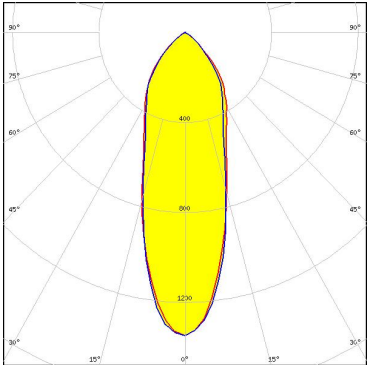
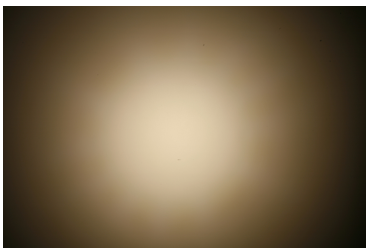
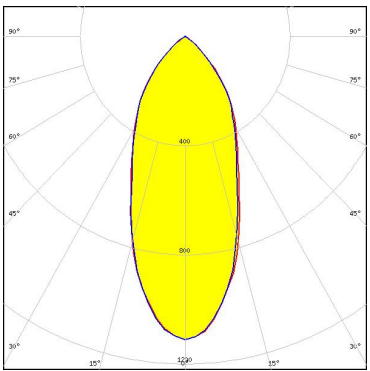

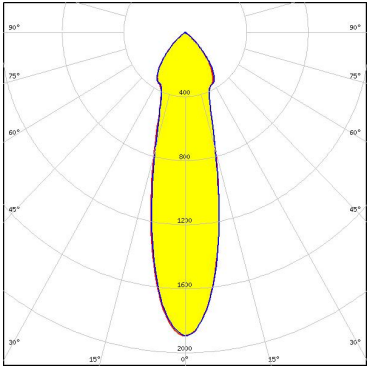

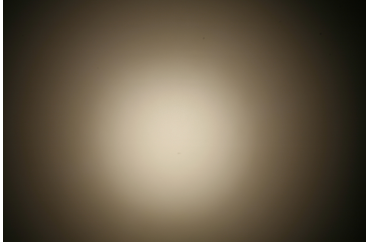
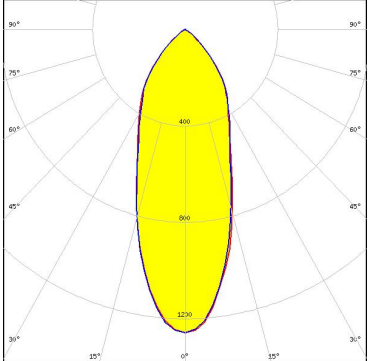
-

SCALE 2:1 WEIGHT

-

SHEET 1/1

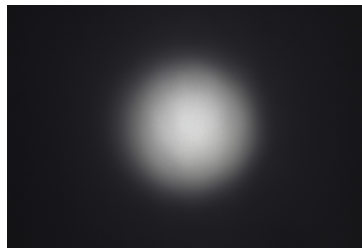
PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED BXRA ES Star</p> <p>FWHM 35.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 1.300 cd/lm</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 1.100 cd/lm</p> <p>Required components:</p>		
<p>CITIZEN</p> <p>LED CLU700/701</p> <p>FWHM 26.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 1.900 cd/lm</p> <p>Required components:</p>		
<p>CREE </p> <p>LED CXA/B 15xx</p> <p>FWHM 39.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 1.300 cd/lm</p> <p>Required components:</p>		

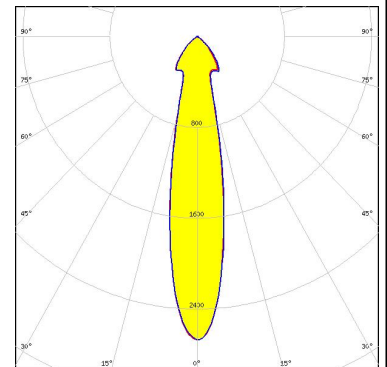
PHOTOMETRIC DATA (MEASURED):



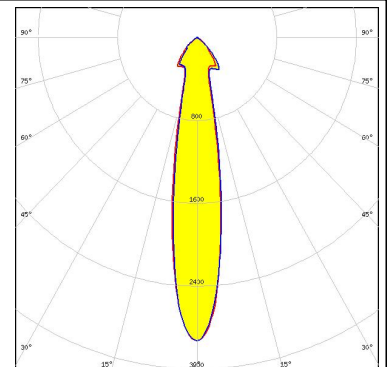
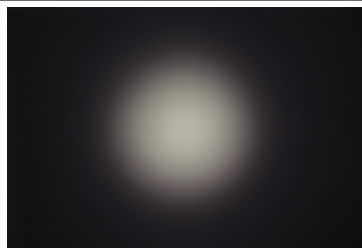
LED XP-L HI
FWHM 14.0°
Efficiency 90 %
Peak intensity 5.000 cd/lm
Required components:



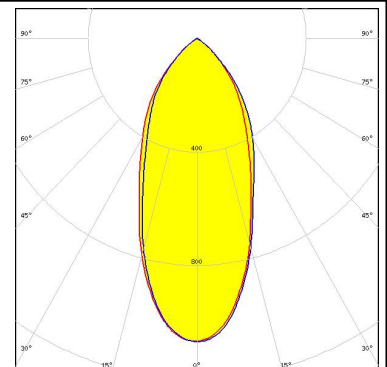
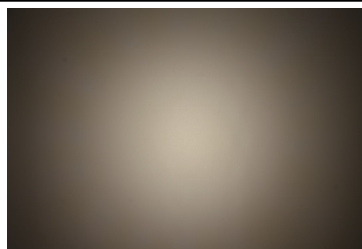
LED LUXEON 5050
FWHM 21.0°
Efficiency 90 %
Peak intensity 2.700 cd/lm
Required components:




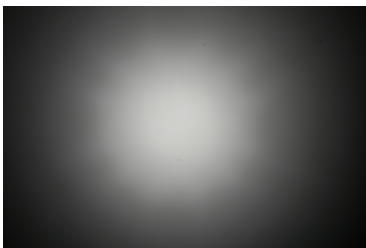
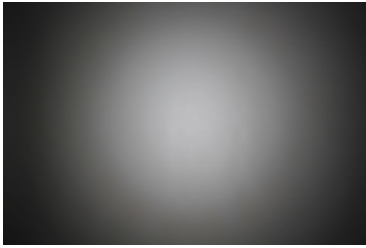
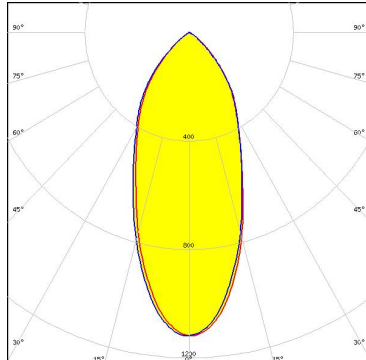
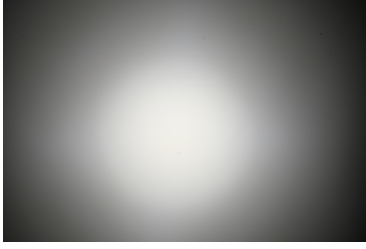
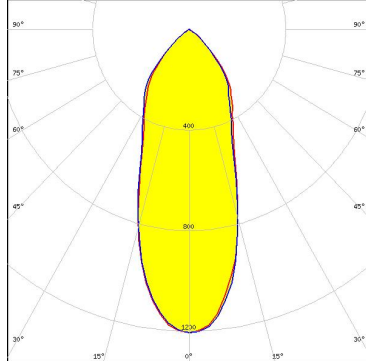
LED LUXEON V
FWHM 19.0°
Efficiency 88 %
Peak intensity 2.900 cd/lm
Required components:



LED CXM-9
FWHM 45.0°
Efficiency 87 %
Peak intensity 1.100 cd/lm
Required components:



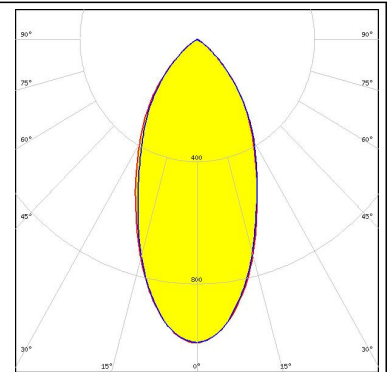
PHOTOMETRIC DATA (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED Soleriq P6 FWHM 28.0° Efficiency 82 % Peak intensity 1.940 cd/lm Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Soleriq P9 FWHM 39.0° Efficiency 86 % Peak intensity 1.230 cd/lm Required components:</p>		
<p>SAMSUNG</p> <p>LED COB D Series LES 9.8 mm FWHM 44.0° Efficiency 88 % Peak intensity 1.100 cd/lm Required components:</p>		
<p>SHARP</p> <p>LED Mini Zenigata (GW5BM) FWHM 42.0° Efficiency 87 % Peak intensity 1.200 cd/lm Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

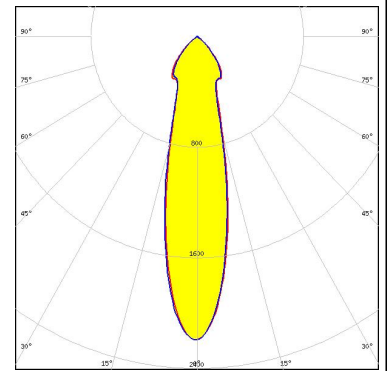
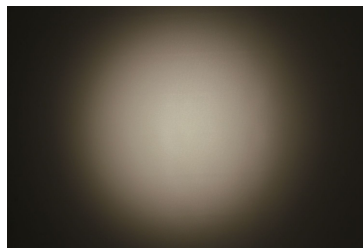
TRIDONIC

LED SLE G5 LES11
FWHM 48.0°
Efficiency 84 %
Peak intensity 0.990 cd/lm
Required components:



TRIDONIC

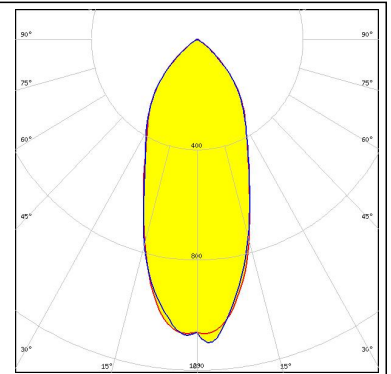
LED SLE G5 LES6
FWHM 24.0°
Efficiency 88 %
Peak intensity 2.200 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED Soleriq S9
FWHM 42.0°
Efficiency 89 %
Peak intensity 1.100 cd/lm
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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