

MIRELLA-G2-S

~15° spot beam. Compatible with LEDiL HEKLA.

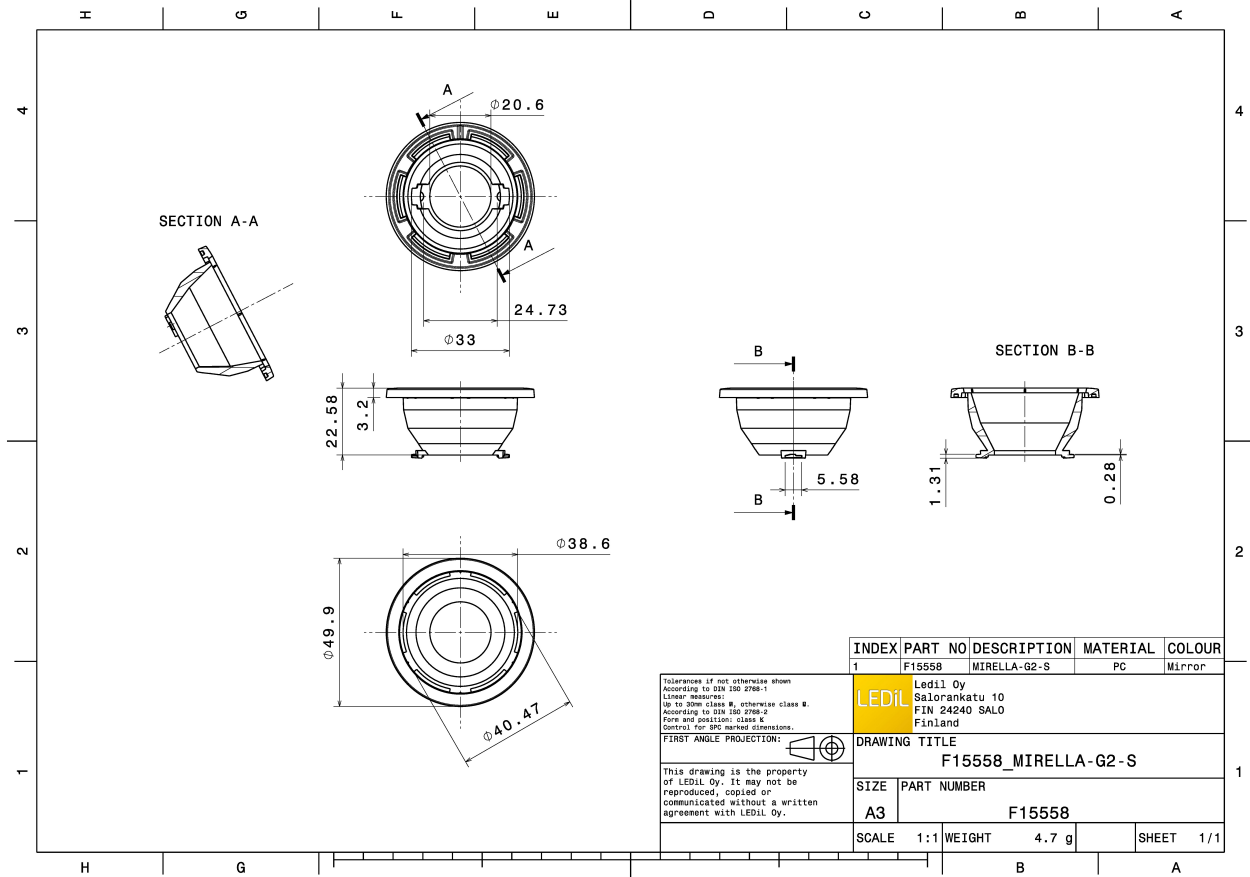
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.9 mm
Height	22.6 mm
Fastening	socket
Colour	metal
Box size	480 x 280 x 300 mm
Box weight	3.2 kg
Quantity in Box	336 pcs
ROHS compliant	yes ⓘ


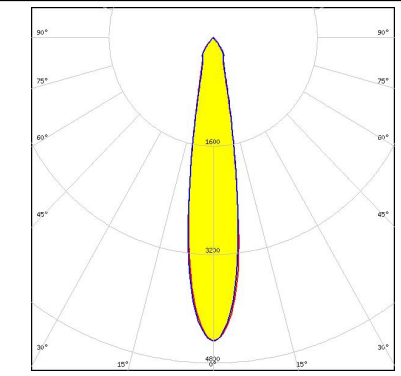

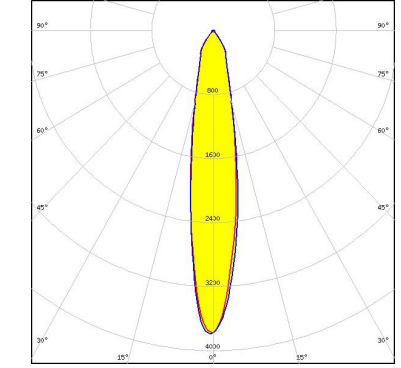

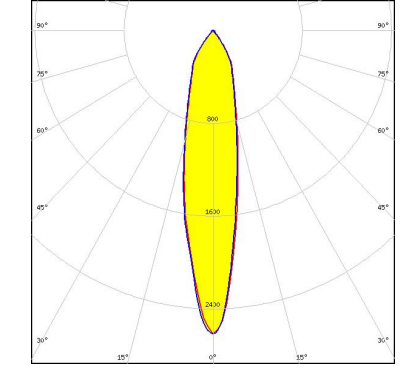

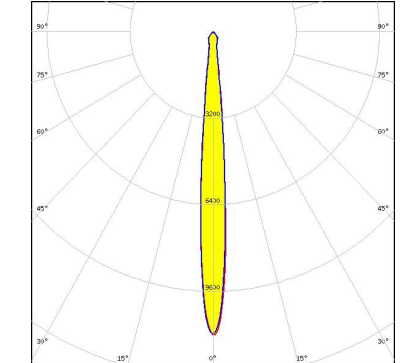


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Coating
MIRELLA-G2-S	Reflector	PC	metal	



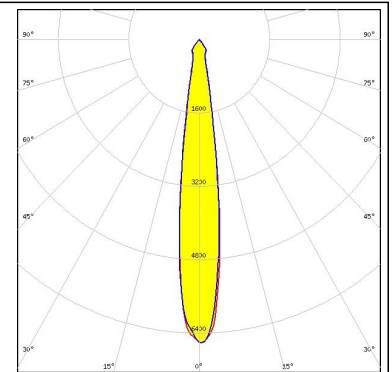
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM 19.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 4.500 cd/lm</p> <p>Required components: F15616_HEKLA-SOCKET-F</p>		
<p>bridgelux.</p> <p>LED Vesta TW 9mm (12W)</p> <p>FWHM 18.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 3.800 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>		
<p>CITIZEN</p> <p>LED CLC020 Series (Dim-To-Warm)</p> <p>FWHM 21.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 2.600 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>		
<p>CITIZEN</p> <p>LED CLU LES 4.2mm (HI-Ver.3)</p> <p>FWHM 9.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 11.000 cd/lm</p> <p>Required components: F15255_HEKLA-SOCKET-C</p>		

PHOTOMETRIC DATA (MEASURED):

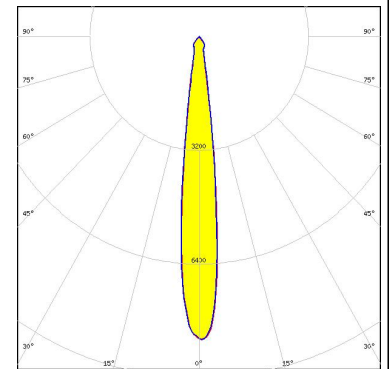
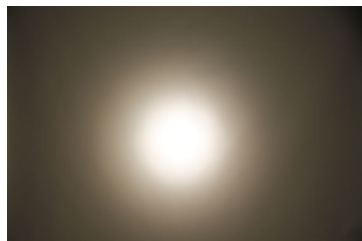
CITIZEN

LED CLU025/CLU027 (LES 6)
 FWHM 15.0°
 Efficiency 88 %
 Peak intensity 6.600 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



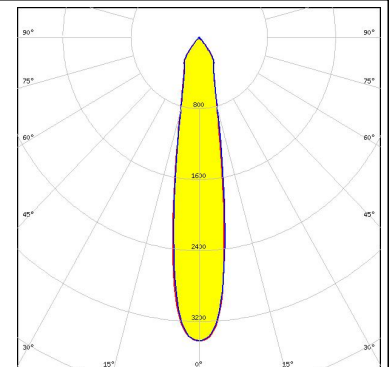
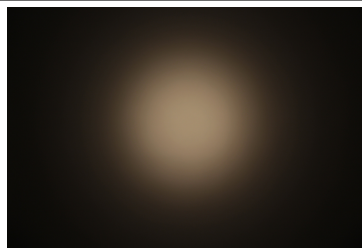
CITIZEN

LED CLU700/701
 FWHM 13.0°
 Efficiency 91 %
 Peak intensity 8.500 cd/lm
 Required components:
 C15743_XTM-ADAPTER-50-B
 LEDiL: F15255_HEKLA-SOCKET-C



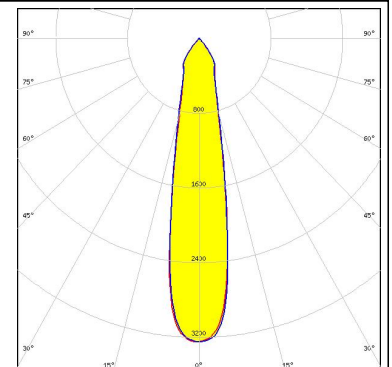
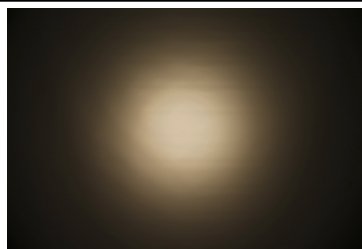
CITIZEN

LED CLU710/711
 FWHM 19.0°
 Efficiency 86 %
 Peak intensity 3.400 cd/lm
 Required components:
 F15859_HEKLA-SOCKET-I



CREE

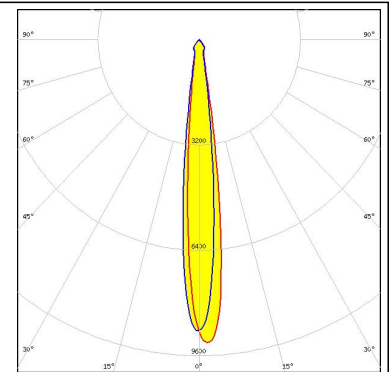
LED CMA1516
 FWHM 21.0°
 Efficiency 88 %
 Peak intensity 3.300 cd/lm
 Required components:
 F15256_HEKLA-SOCKET-D



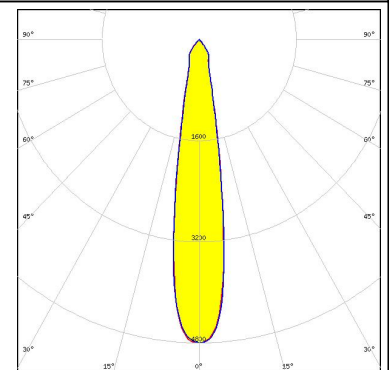
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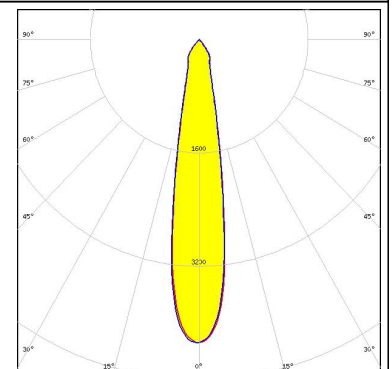
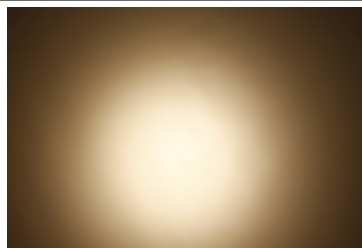
LED CXA/B 13xx
 FWHM 12.0°
 Efficiency 93 %
 Peak intensity 9.200 cd/lm
 Required components:
 F15956_HEKLA-SOCKET-J
 C13723_MIRELLA-RZL



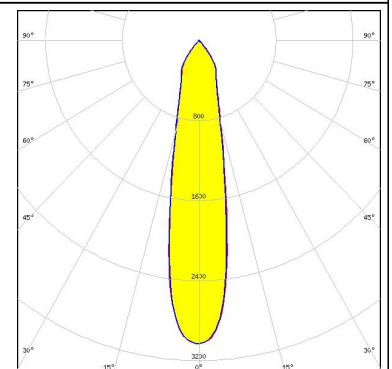
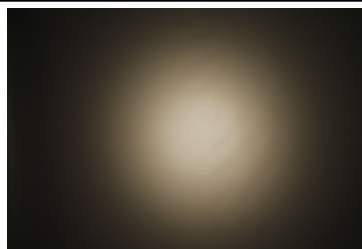
LED CXA/B 15xx
 FWHM 18.0°
 Efficiency 93 %
 Peak intensity 4.800 cd/lm
 Required components:
 F15256_HEKLA-SOCKET-D



LED LUXEON CoB 1202/1203
 FWHM 19.0°
 Efficiency 90 %
 Peak intensity 4.300 cd/lm
 Required components:
 F15858_HEKLA-SOCKET-H



LED CXM-9
 FWHM 22.0°
 Efficiency 88 %
 Peak intensity 3.000 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Soleriq S9

FWHM 21.0°

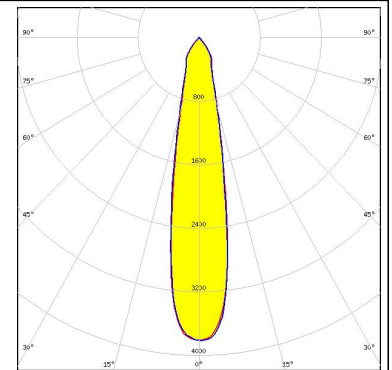
Efficiency 91 %

Peak intensity 3.800 cd/lm

Required components:

F15255_HEKLA-SOCKET-C

C12479_MIRELLA-DL



SAMSUNG

LED LC010C G2

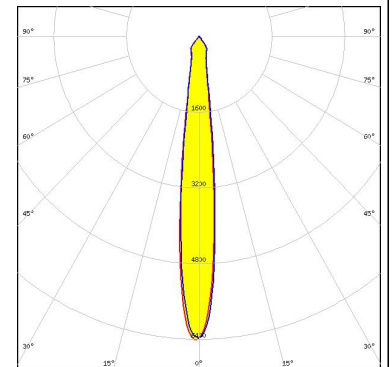
FWHM 13.0°

Efficiency 88 %

Peak intensity 6.400 cd/lm

Required components:

F15255_HEKLA-SOCKET-C



SAMSUNG

LED LC020C

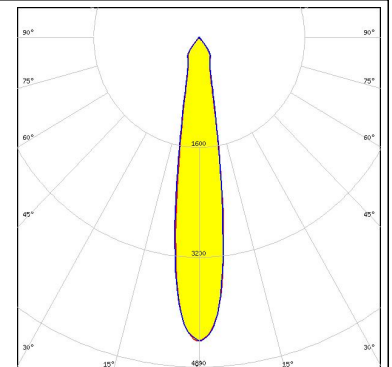
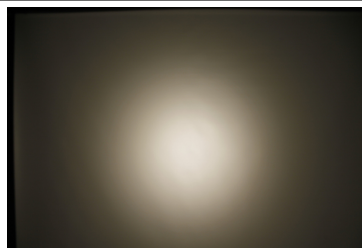
FWHM 18.0°

Efficiency 90 %


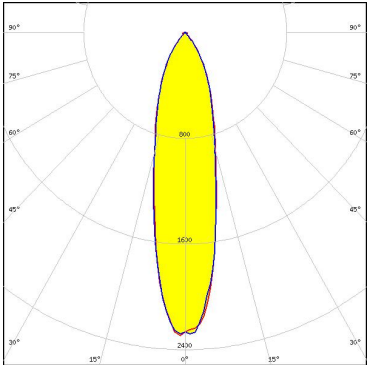
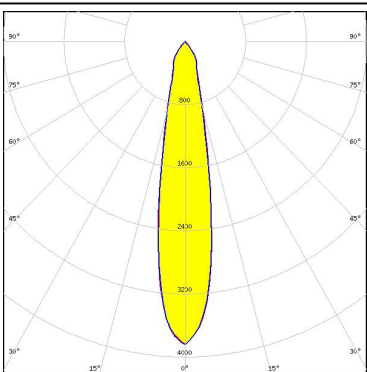

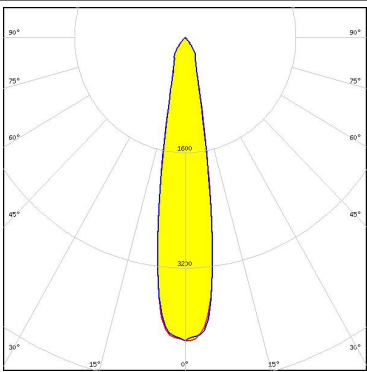

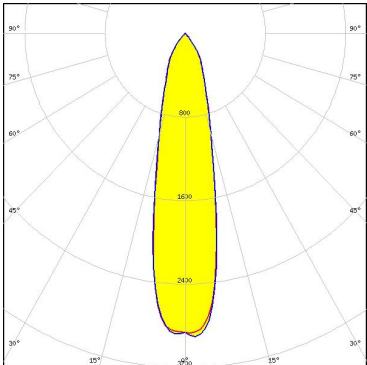
Peak intensity 4.400 cd/lm

Required components:

F15848_HEKLA-SOCKET-G



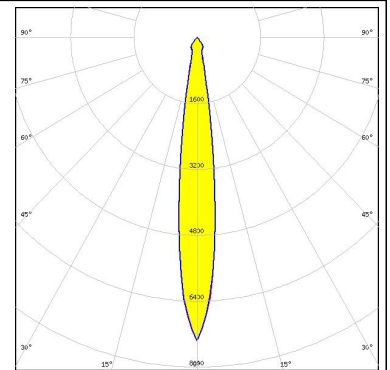
PHOTOMETRIC DATA (SIMULATED):

<p> bridgelux</p> <p>LED VERO13 FWHM 25.0° Efficiency 82 % Peak intensity 2.300 cd/lm Required components: C16142_HEKLA-SOCKET-K</p>	
<p>CITIZEN</p> <p>LED CLL02x/CLU02x (LES10) FWHM 20.0° Efficiency 86 % Peak intensity 3.850 cd/lm Required components: F15255_HEKLA-SOCKET-C</p>	
<p> CREE</p> <p>LED CMA1516 FWHM 19.0° Efficiency 89 % Peak intensity 4.240 cd/lm Required components: F15256_HEKLA-SOCKET-D</p>	
<p> NICHIA</p> <p>LED COB L-Type (LES 11) FWHM 23.0° Efficiency 88 % Peak intensity 2.910 cd/lm Required components: F15858_HEKLA-SOCKET-H</p>	

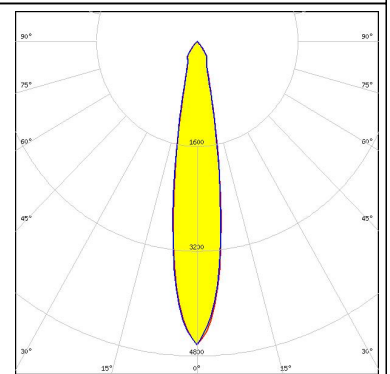
PHOTOMETRIC DATA (SIMULATED):



LED COB T-Type
FWHM 14.0°
Efficiency 88 %
Peak intensity 7.360 cd/lm
Required components:
F15848_HEKLA-SOCKET-G



LED SLE G6 LES10
FWHM 18.0°
Efficiency 90 %
Peak intensity 4.600 cd/lm
Required components:
F15255_HEKLA-SOCKET-C



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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