

## MIRELLA-G2-M

~25° wide beam. Compatible with LEDiL HEKLA.

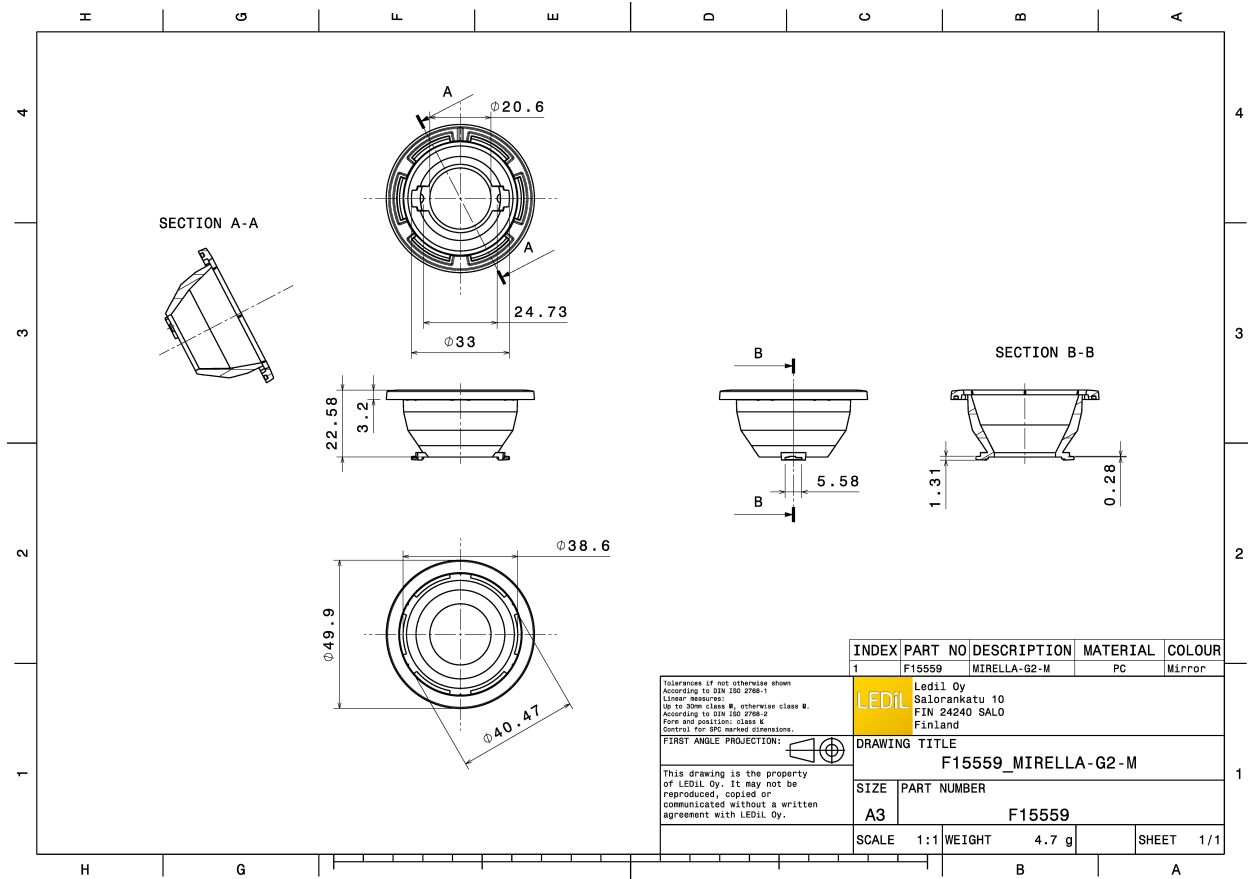
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.9 mm
Height	24.8 mm
Fastening	
Colour	metal
Box size	480 x 280 x 300 mm
Box weight	5.4 kg
Quantity in Box	336 pcs
ROHS compliant	yes ⓘ


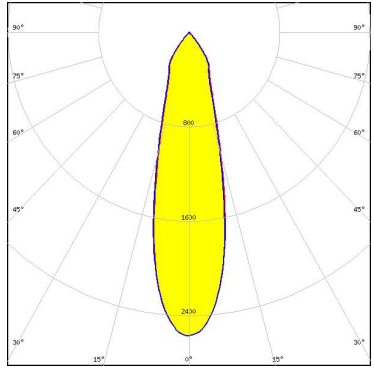

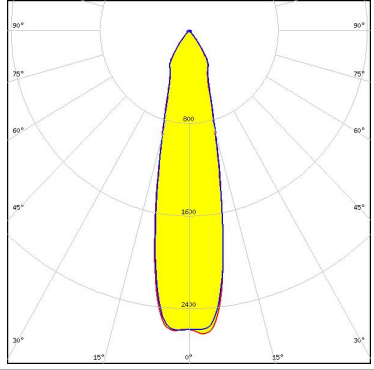

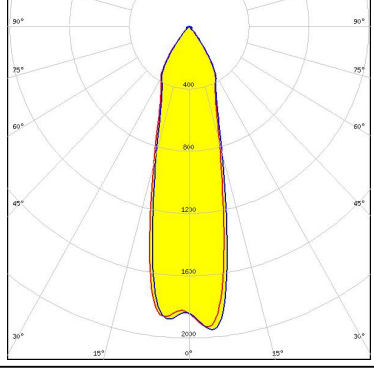

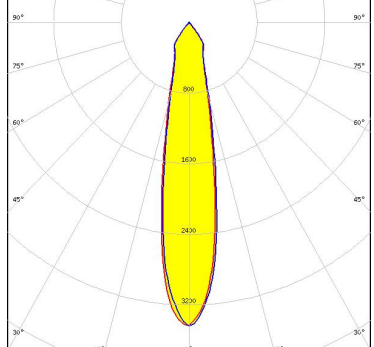


### MATERIAL SPECIFICATIONS:

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



#### PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM 27.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 2.600 cd/lm</p> <p>Required components: LEDiL: F15616_HEKLA-SOCKET-F</p>		
<p>bridgelux.</p> <p>LED Vesta TW 9mm (12W)</p> <p>FWHM 25.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 2.600 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>		
<p><b>CITIZEN</b></p> <p>LED CLC020 Series (Dim-To-Warm)</p> <p>FWHM 28.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 2.000 cd/lm</p> <p>Required components: LEDiL: C16142_HEKLA-SOCKET-K</p>		
<p><b>CITIZEN</b></p> <p>LED CLL02x/CLU02x (LES10)</p> <p>FWHM 20.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 3.400 cd/lm</p> <p>Required components: LEDiL: F15255_HEKLA-SOCKET-C</p>		

#### PHOTOMETRIC DATA (MEASURED):

#### CITIZEN

LED CLU700/701

FWHM 19.0°

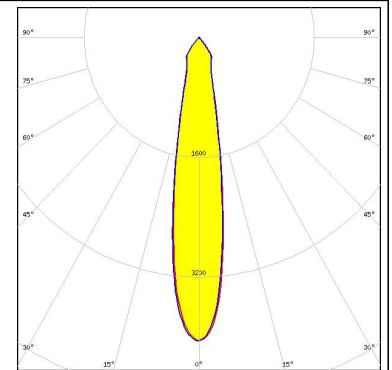
Efficiency 90 %

Peak intensity 4.000 cd/lm

Required components:

C15743\_XTM-ADAPTER-50-B

LEDiL: F15255\_HEKLA-SOCKET-C



#### CITIZEN

LED CLU710/711

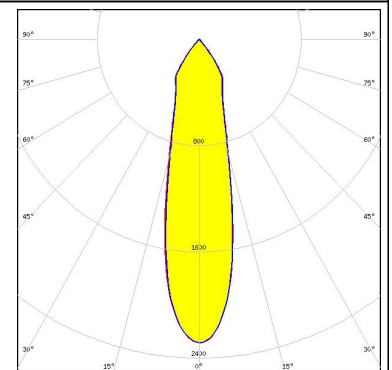
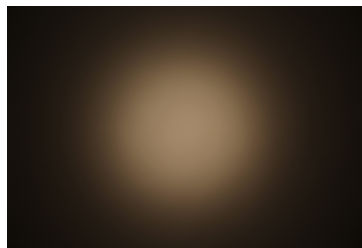
FWHM 26.0°

Efficiency 85 %

Peak intensity 2.300 cd/lm

Required components:

LEDiL: F15859\_HEKLA-SOCKET-I



#### CREE

LED CXA/B 13xx

FWHM 19.0°

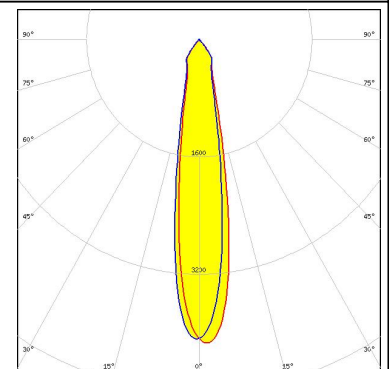
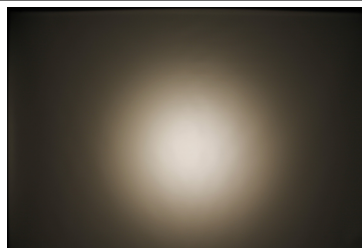
Efficiency 91 %

Peak intensity 4.100 cd/lm

Required components:

C13333\_MIRELLA-CL

LEDiL: F15956\_HEKLA-SOCKET-J



#### CREE

LED CXA/B 15xx

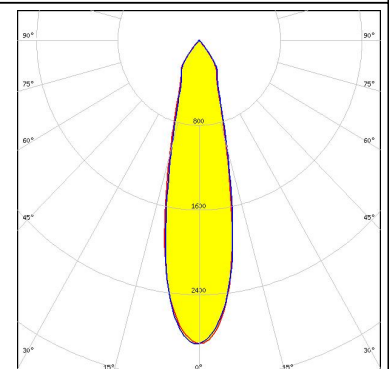
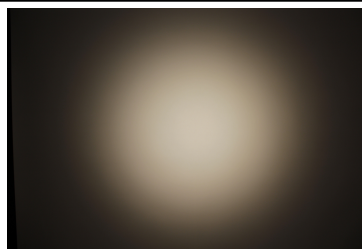
FWHM 25.0°

Efficiency 91 %

Peak intensity 2.900 cd/lm

Required components:

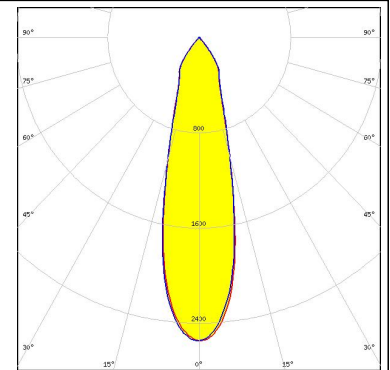
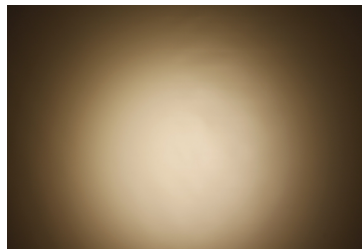
LEDiL: F15256\_HEKLA-SOCKET-D



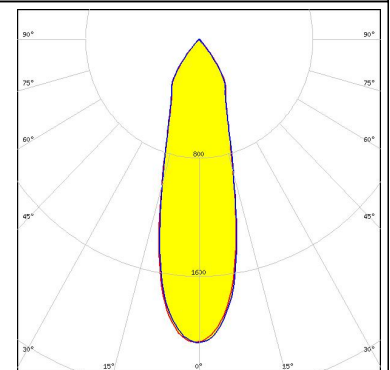
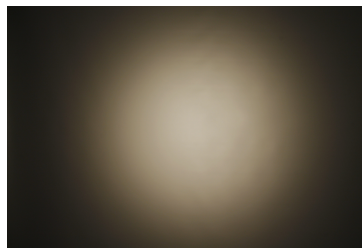
#### PHOTOMETRIC DATA (MEASURED):



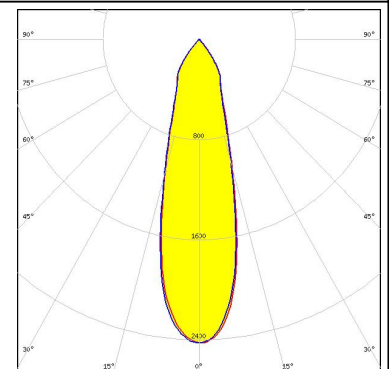
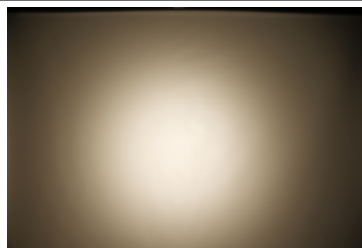
LED LUXEON CoB 1202/1203  
FWHM 27.0°  
Efficiency 89 %  
Peak intensity 2.500 cd/lm  
Required components:  
C12479\_MIRELLA-DL  
LEDiL: F15858\_HEKLA-SOCKET-H



LED CXM-9  
FWHM 29.0°  
Efficiency 87 %  
Peak intensity 2.100 cd/lm  
Required components:  
LEDiL: F15255\_HEKLA-SOCKET-C



LED Soleriq S9  
FWHM 28.0°  
Efficiency 90 %  
Peak intensity 2.400 cd/lm  
Required components:  
C13723\_MIRELLA-RZL  
LEDiL: F15255\_HEKLA-SOCKET-C



LED LC010C G2  
FWHM 19.0°  
Efficiency 86 %  
Peak intensity 3.400 cd/lm  
Required components:  
LEDiL: F15255\_HEKLA-SOCKET-C



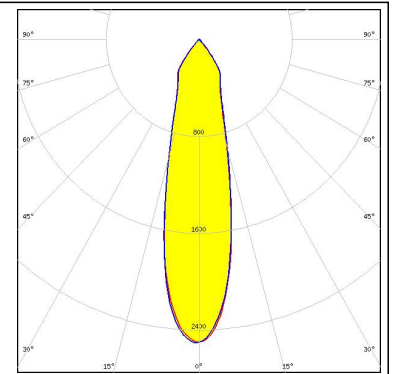
#### PHOTOMETRIC DATA (MEASURED):

### SAMSUNG

LED LC020C  
FWHM 25.0°  
Efficiency 88 %  
Peak intensity 2.500 cd/lm

Required components:

LEDiL: F15848\_HEKLA-SOCKET-G



#### PHOTOMETRIC DATA (SIMULATED):

##### LUMILEDS

LED LUXEON M/MX

FWHM 20.0°

Efficiency 89 %

Peak intensity 4.420 cd/lm

Required components:

LEDiL: F15255\_HEKLA-SOCKET-C

##### NICHIA

LED COB T-Type

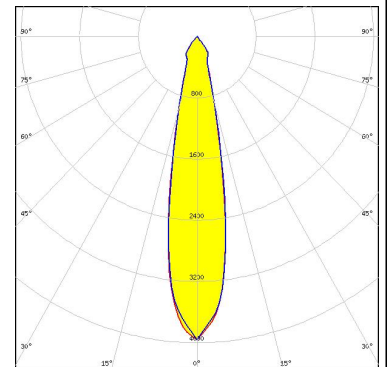
FWHM 21.0°

Efficiency 88 %

Peak intensity 3.970 cd/lm

Required components:

LEDiL: F15848\_HEKLA-SOCKET-G



##### TRIDONIC

LED SLE G6 LES10

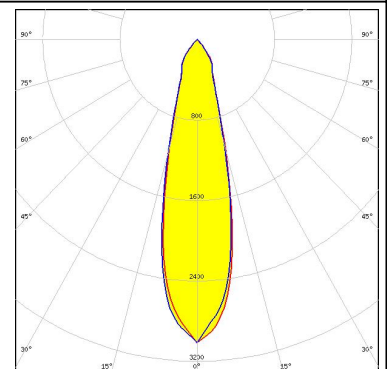
FWHM 26.0°

Efficiency 90 %

Peak intensity 3.000 cd/lm

Required components:

LEDiL: 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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Hong Kong, China

#### Distribution Partners

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