

RONDA-REC-90-C

~80° rectangular beam with holder C
compatible with LEDiL HEKLA

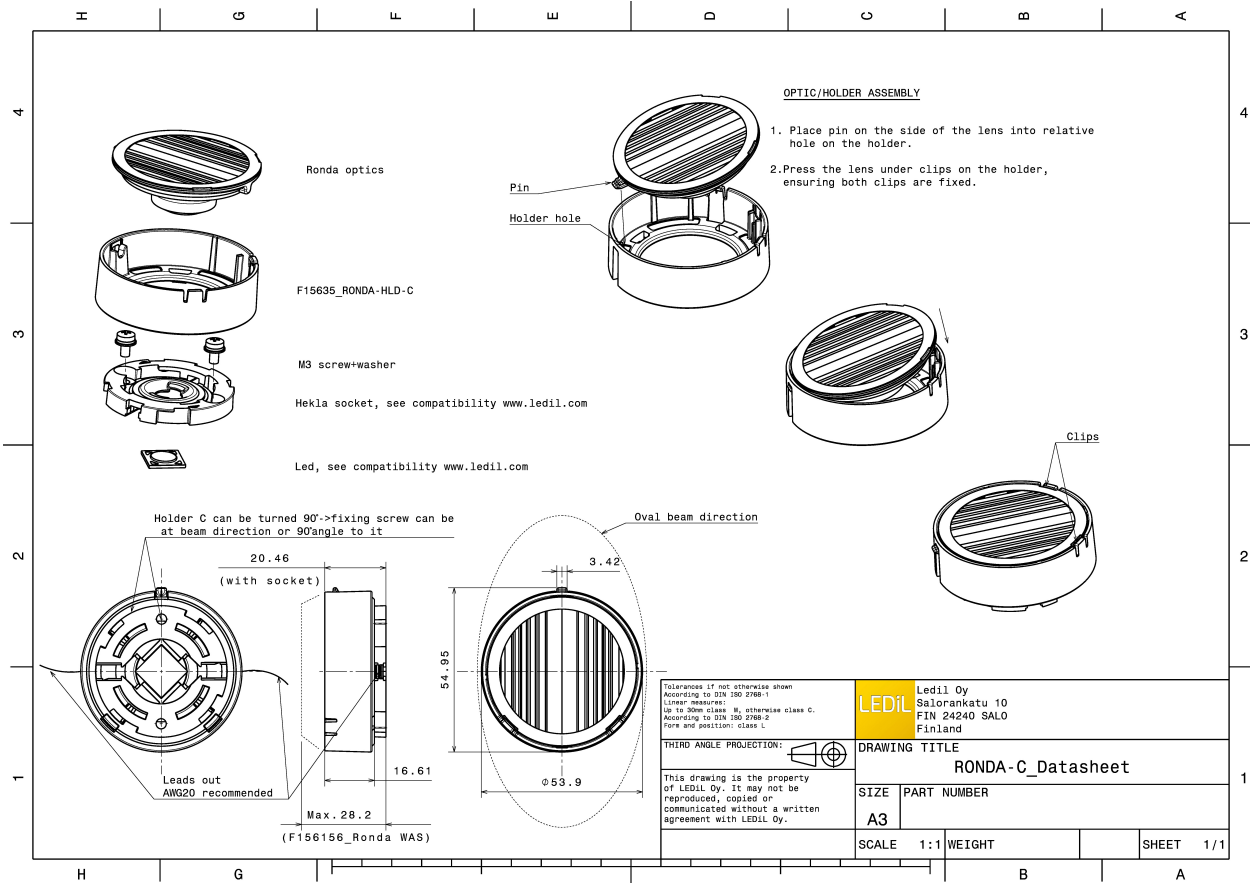
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.9 mm
Height	16.6 mm
Fastening	socket
Colour	clear
Box size	
Box weight	0 kg
Quantity in Box	420 pcs
ROHS compliant	yes ⓘ


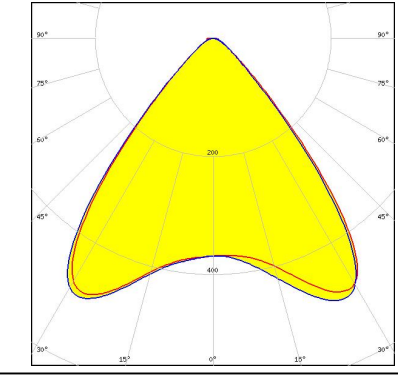
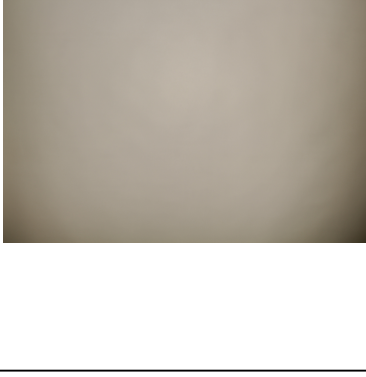
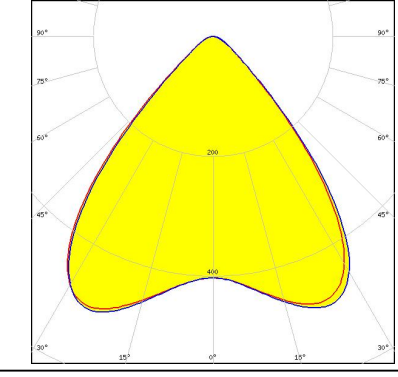
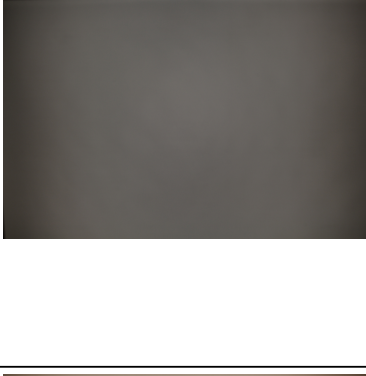
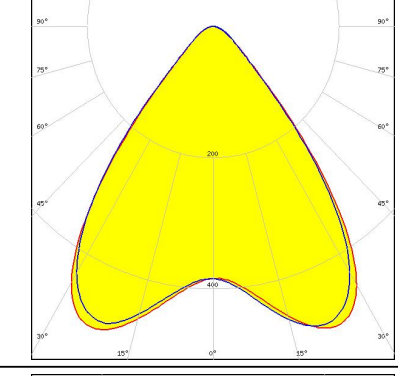
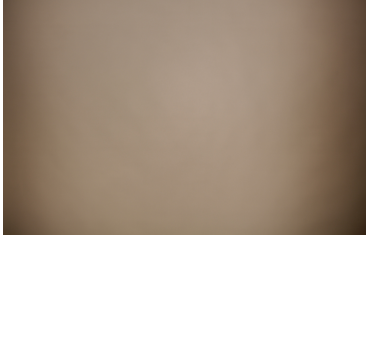
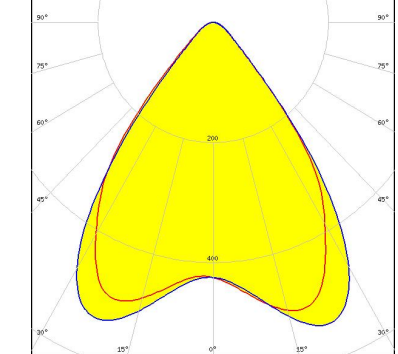


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
RONDA-REC-90	Lens	PMMA	clear
RONDA-HLD-C	Holder	PC	clear



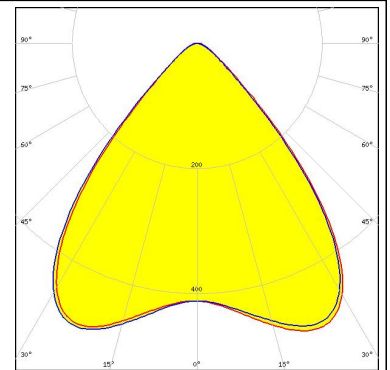
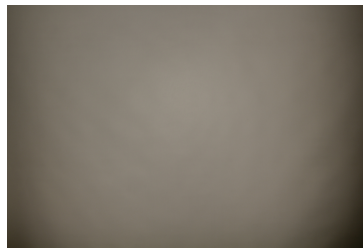
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM 84.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.650 cd/lm</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>		
<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM 85.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.560 cd/lm</p> <p>Required components: F15616_HEKLA-SOCKET-F</p>		
<p>bridgelux.</p> <p>LED Vesta TW 9mm (12W)</p> <p>FWHM 82.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 0.580 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>		
<p>CITIZEN</p> <p>LED CLC020 Series (Dim-To-Warm)</p> <p>FWHM 80.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.580 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>		

PHOTOMETRIC DATA (MEASURED):

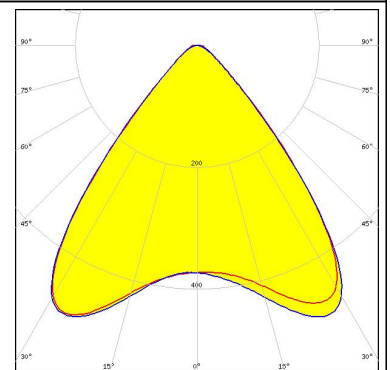
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM 84.0°
 Efficiency 89 %
 Peak intensity 0.550 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



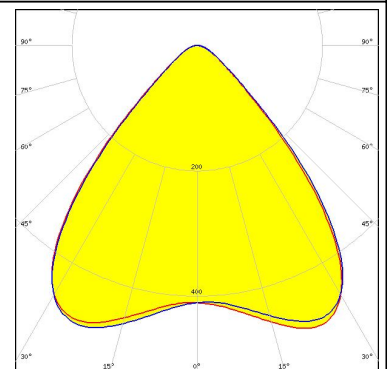
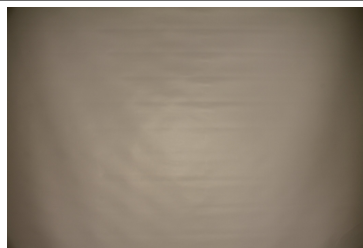
CITIZEN

LED CLU700/701
 FWHM 83.0°
 Efficiency 90 %
 Peak intensity 0.640 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



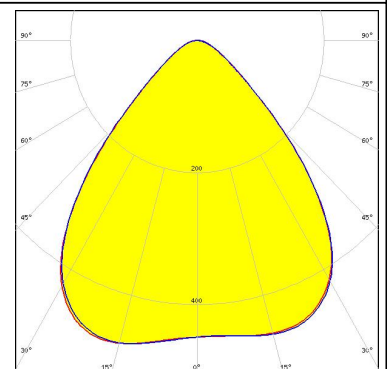
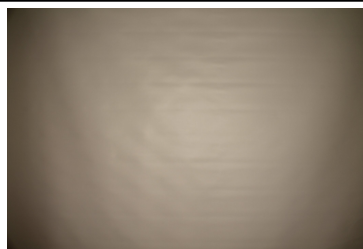
CREE

LED CMA1516
 FWHM 86.0°
 Efficiency 92 %
 Peak intensity 0.500 cd/lm
 Required components:
 F15256_HEKLA-SOCKET-D



CREE

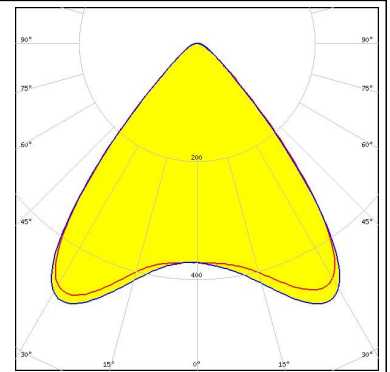
LED CMA1825
 FWHM 86.0°
 Efficiency 90 %
 Peak intensity 0.490 cd/lm
 Required components:
 F15254_HEKLA-SOCKET-B



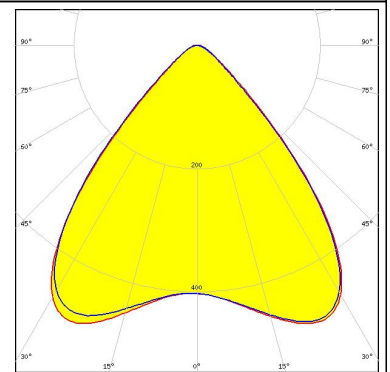
PHOTOMETRIC DATA (MEASURED):



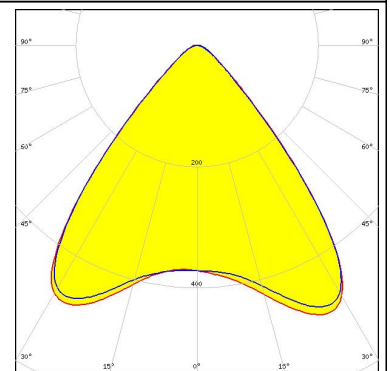
LED CXA/B 13xx
 FWHM 84.0°
 Efficiency 91 %
 Peak intensity 0.600 cd/lm
 Required components:
 F15956_HEKLA-SOCKET-J



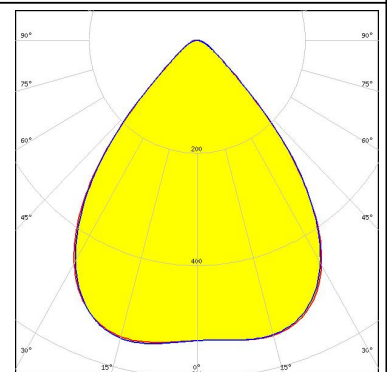
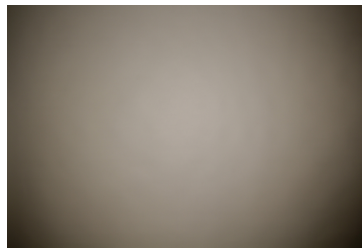
LED CXA/B 15xx
 FWHM 85.0°
 Efficiency 91 %
 Peak intensity 0.560 cd/lm
 Required components:
 F15256_HEKLA-SOCKET-D



LED LUXEON CoB 1202s
 FWHM 84.0°
 Efficiency 91 %
 Peak intensity 0.620 cd/lm
 Required components:
 F15848_HEKLA-SOCKET-G



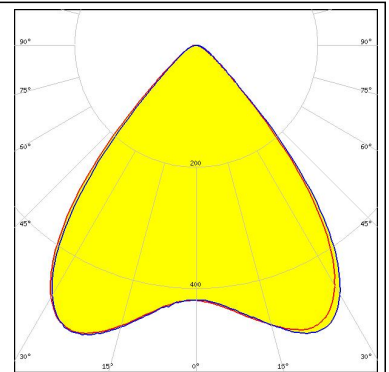
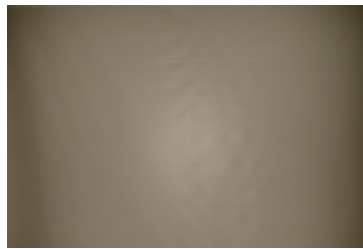
LED CXM-14
 FWHM 81.0°
 Efficiency 87 %
 Peak intensity 0.550 cd/lm
 Required components:
 F15859_HEKLA-SOCKET-I



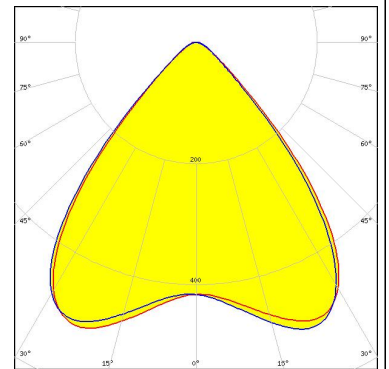
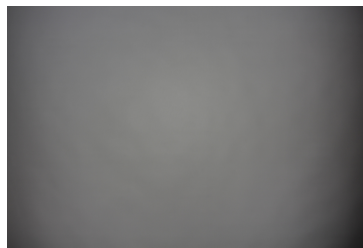
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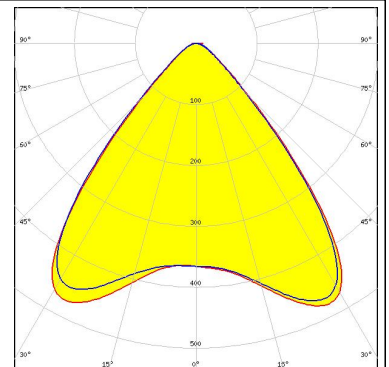
LED CXM-9
 FWHM 83.0°
 Efficiency 90 %
 Peak intensity 0.570 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



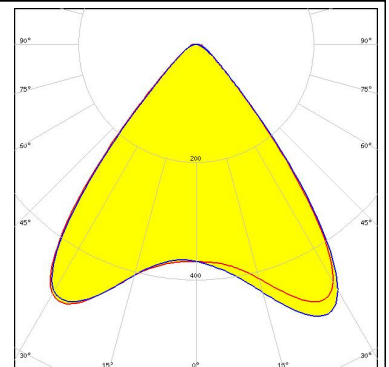
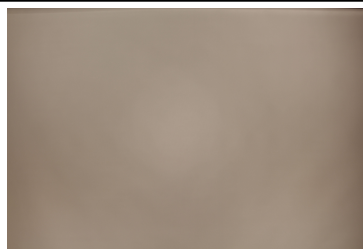
LED COB D Series LES 9.8 mm
 FWHM 84.0°
 Efficiency 91 %
 Peak intensity 0.560 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



LED LC010C
 FWHM 85.0°
 Efficiency 90 %
 Peak intensity 0.600 cd/lm
 Required components:
 F15848_HEKLA-SOCKET-G



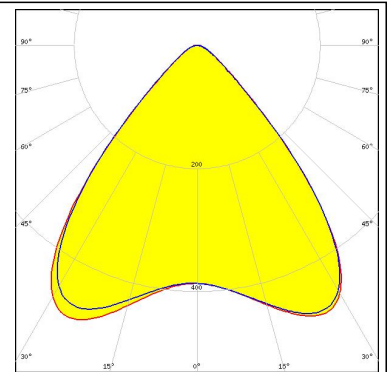
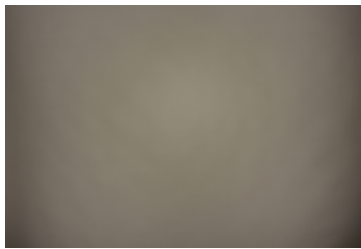
LED LC010C G2
 FWHM 82.0°
 Efficiency 90 %
 Peak intensity 0.660 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



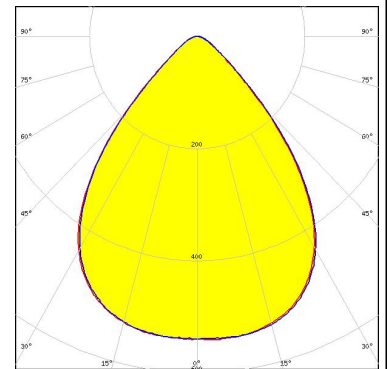
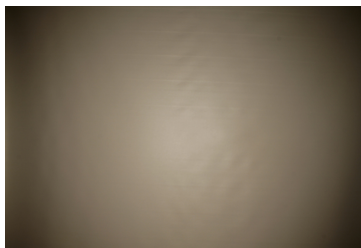
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

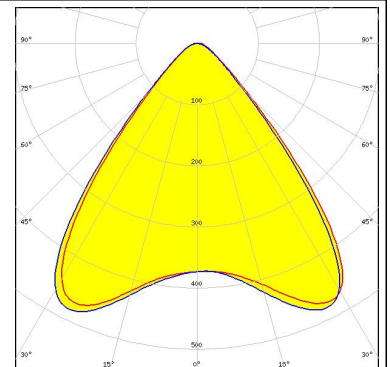
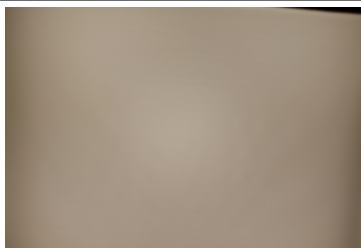
LED LC020C
 FWHM 85.0°
 Efficiency 91 %
 Peak intensity 0.570 cd/lm
 Required components:
 F15848_HEKLA-SOCKET-G



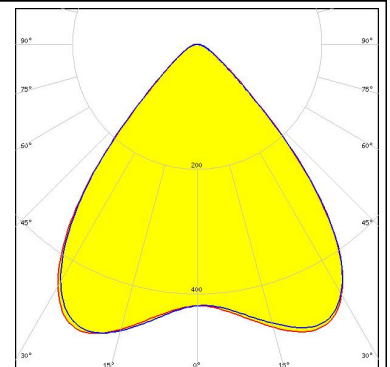
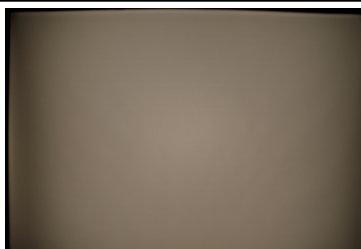
SEOUL SEMICONDUCTOR
 LED MJT COB LES 14.5
 FWHM 81.0°
 Efficiency 87 %
 Peak intensity 0.540 cd/lm
 Required components:
 F15859_HEKLA-SOCKET-I



SEOUL SEMICONDUCTOR
 LED MJT COB LES 6
 FWHM 83.0°
 Efficiency 89 %
 Peak intensity 0.600 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



SEOUL SEMICONDUCTOR
 LED MJT COB LES 9.8
 FWHM 84.0°
 Efficiency 89 %
 Peak intensity 0.530 cd/lm
 Required components:
 F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (MEASURED):

XICATO

LED XTM - 19mm LES

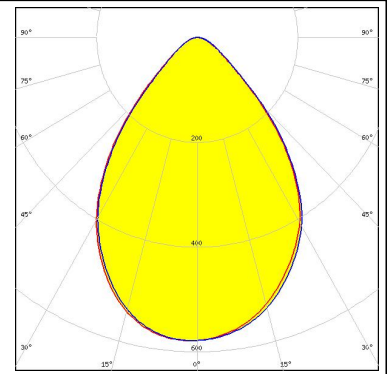
FWHM 76.0°

Efficiency 87 %

Peak intensity 0.580 cd/lm

Required components:

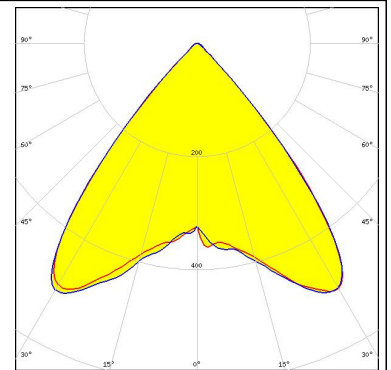
C16058_XTM-ADAPTER-50-C



PHOTOMETRIC DATA (SIMULATED):

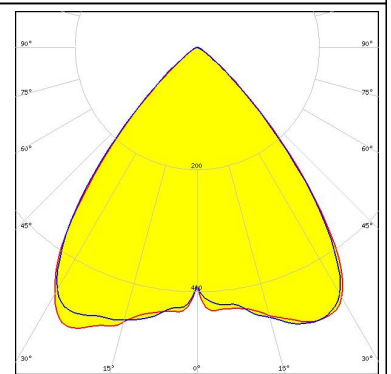


LED COB T-Type
FWHM 68.0 + 74.0°
Efficiency 85 %
Peak intensity 0.650 cd/lm
Required components:
F15848_HEKLA-SOCKET-G



TRIDONIC

LED SLE G6 LES10
FWHM 74.0 + 76.0°
Efficiency 85 %
Peak intensity 0.550 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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