

RONDA-WAS-C

Asymmetric beam for wall washing with holder
C compatible with LEDiL HEKLA

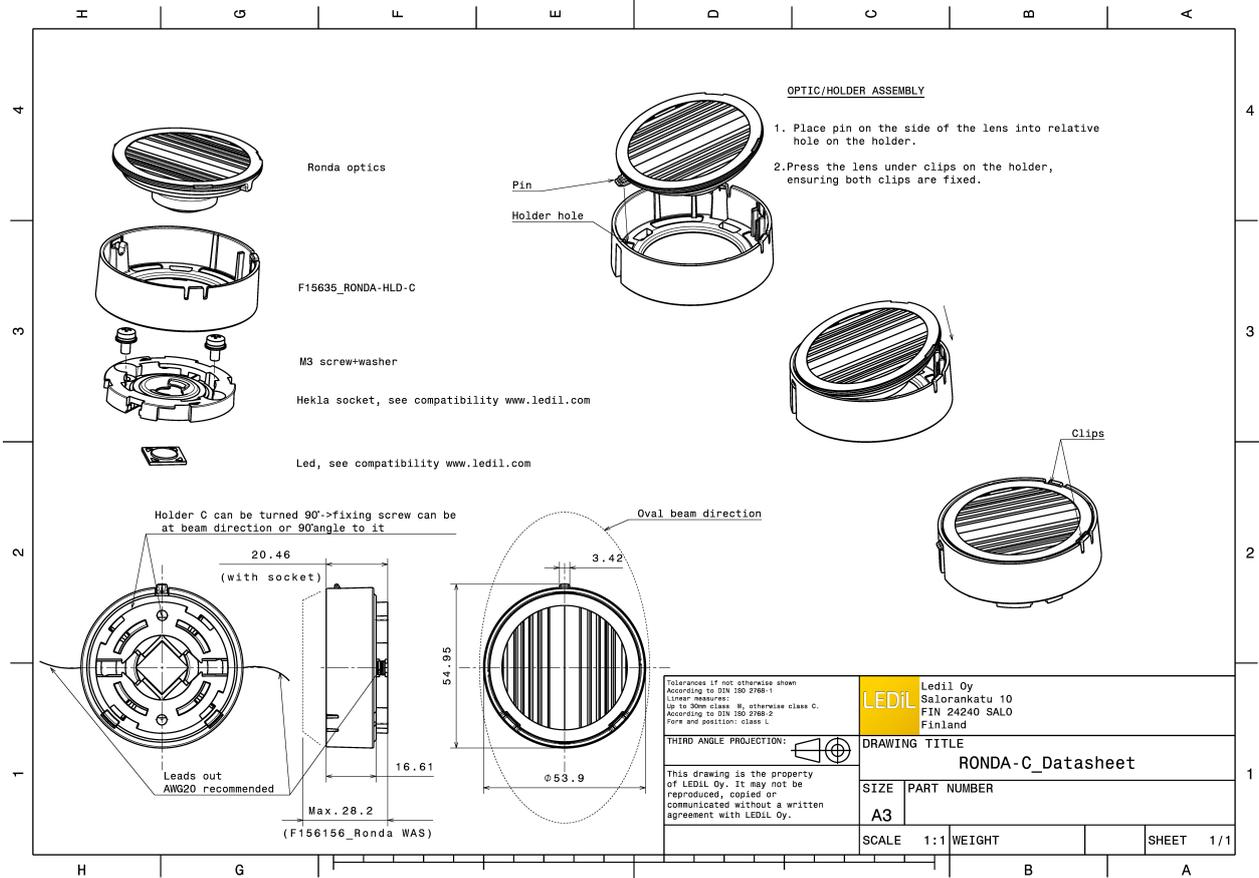
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 53.9 mm
Height	24.7 mm
Fastening	socket
Colour	clear
Box size	
Box weight	0 kg
Quantity in Box	420 pcs
ROHS compliant	yes ⓘ

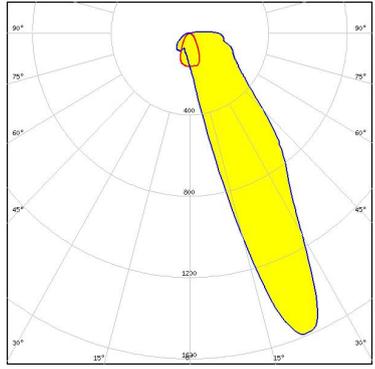
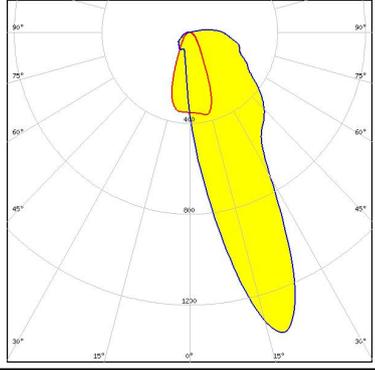
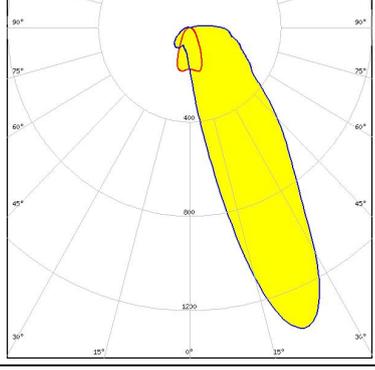
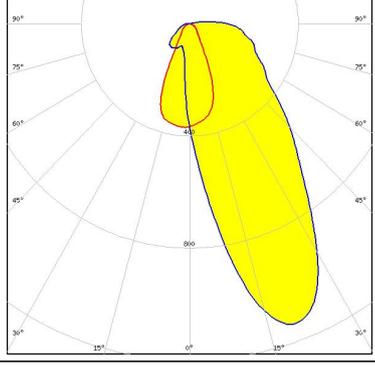


MATERIAL SPECIFICATIONS:

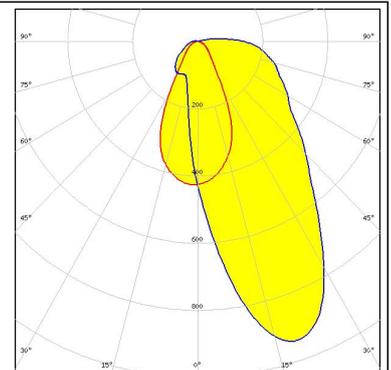
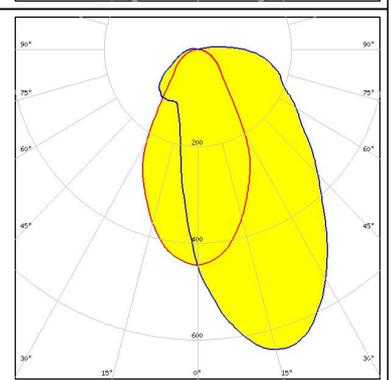
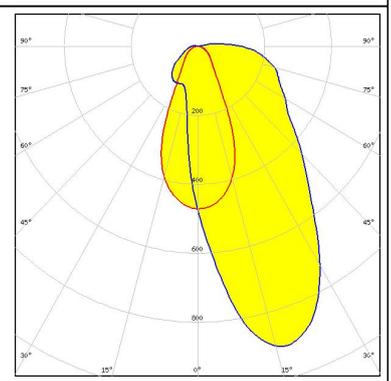
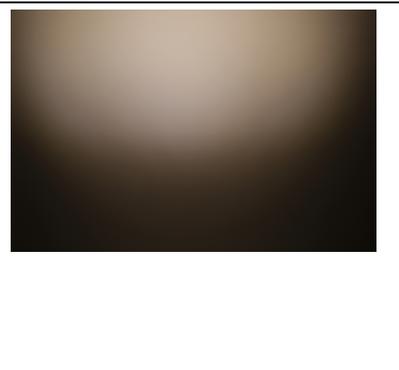
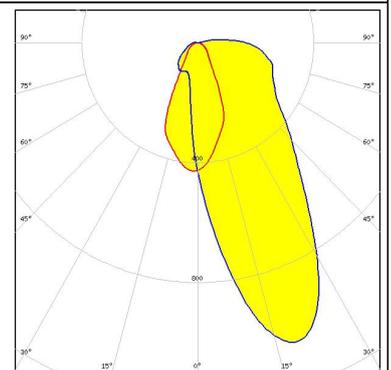
Component	Type	Material	Colour
RONDA-WAS	Single lens	PMMA	clear
RONDA-HLD-C	Holder	PC	clear



PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V4 HD</p> <p>FWHM Asymmetric</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.600 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>		
<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM Asymmetric</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.400 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>		
<p>bridgelux.</p> <p>LED V6 HD</p> <p>FWHM Asymmetric</p> <p>Efficiency 91 %</p> <p>Peak intensity 1.400 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15255_HEKLA-SOCKET-C</p>		
<p>bridgelux.</p> <p>LED V9 HD</p> <p>FWHM Asymmetric</p> <p>Efficiency 90 %</p> <p>Peak intensity 1.200 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15859_HEKLA-SOCKET-I</p>		

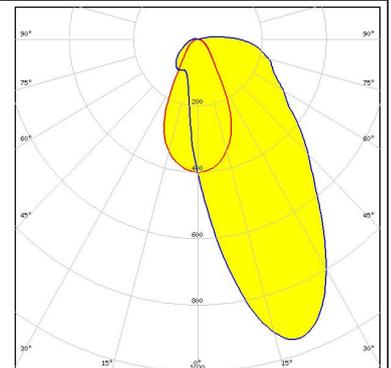
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.950 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15616_HEKLA-SOCKET-F</p>		
<p>bridgelux.</p> <p>LED Vesta TW 13mm (25W)</p> <p>FWHM Asymmetric</p> <p>Efficiency 83 %</p> <p>Peak intensity 0.600 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 492 Typ L8</p>		
<p>bridgelux.</p> <p>LED Vesta TW 9mm (12W)</p> <p>FWHM Asymmetric</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.910 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>		
<p>CITIZEN</p> <p>LED CLC020 Series (Dim-To-Warm)</p> <p>FWHM Asymmetric</p> <p>Efficiency 86 %</p> <p>Peak intensity 1.100 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>		

PHOTOMETRIC DATA (MEASURED):

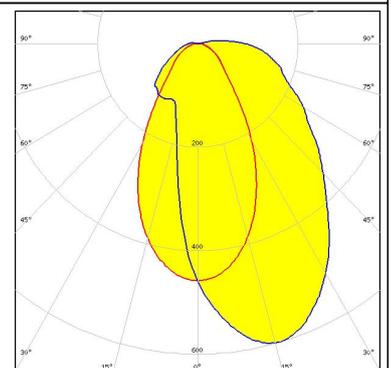
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM Asymmetric
 Efficiency 89 %
 Peak intensity 0.960 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



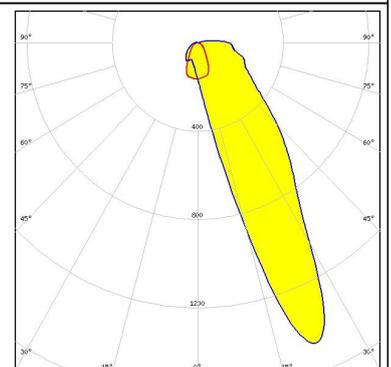
CITIZEN

LED CLL03x/CLU03x
 FWHM Asymmetric
 Efficiency 83 %
 Peak intensity 0.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



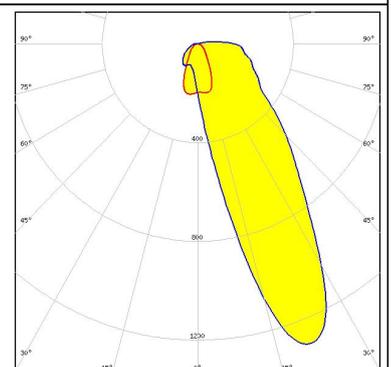
CITIZEN

LED CLU LES 4.2mm (HI-Ver.3)
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



CITIZEN

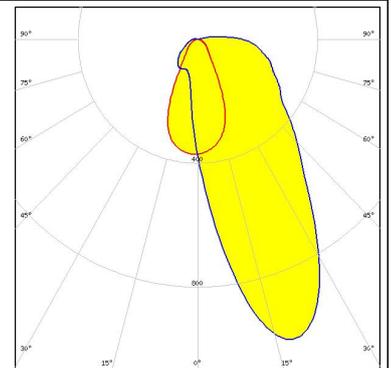
LED CLU700/701
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 1.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (MEASURED):

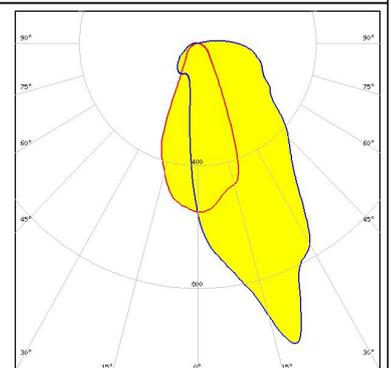
CITIZEN

LED CLU710/711
 FWHM Asymmetric
 Efficiency 87 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15956_HEKLA-SOCKET-J



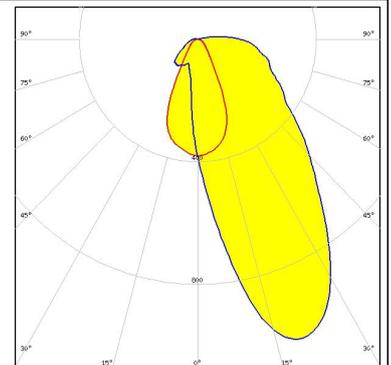
CITIZEN

LED LCN-C01B (Tunable White)
 FWHM Asymmetric
 Efficiency 87 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 481 Typ L8



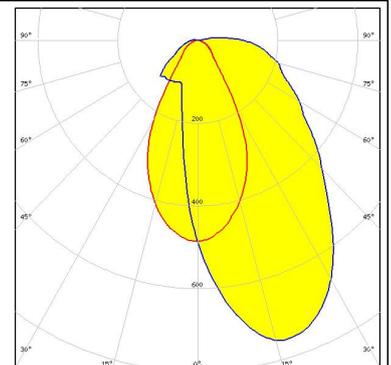
CREE

LED CMA1516
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15256_HEKLA-SOCKET-D



CREE

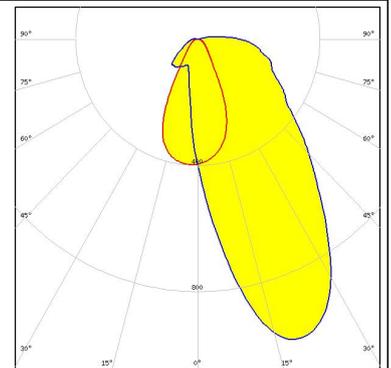
LED CMA1825
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 0.770 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B



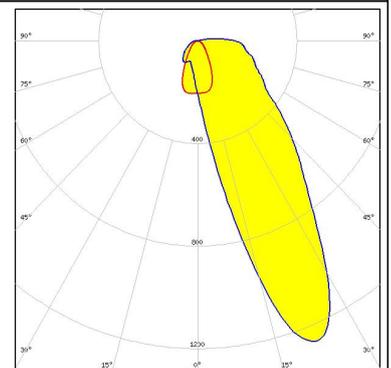
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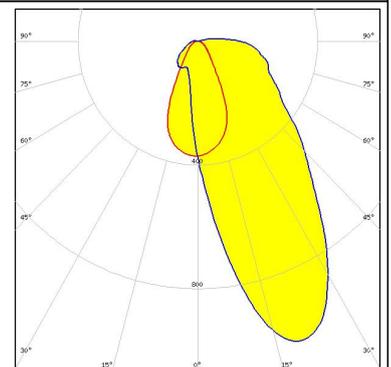
LED CMT14xx
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



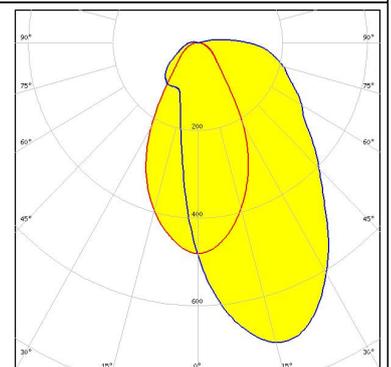
LED CXA/B 13xx
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 1.270 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15956_HEKLA-SOCKET-J



LED CXA/B 15xx
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15256_HEKLA-SOCKET-D



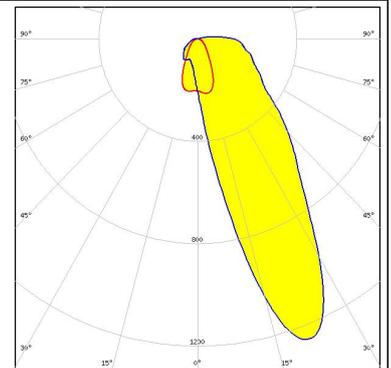
LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM Asymmetric
 Efficiency 87 %
 Peak intensity 0.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15254_HEKLA-SOCKET-B



PHOTOMETRIC DATA (MEASURED):

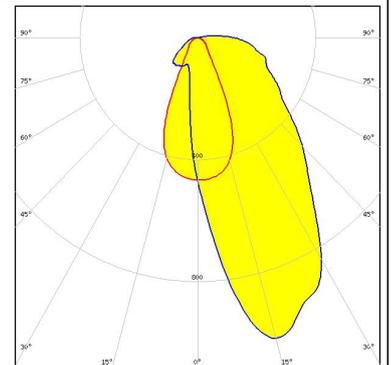
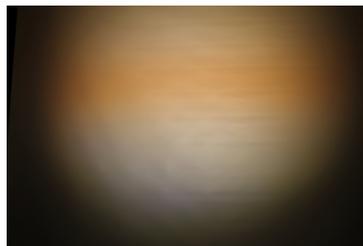
LUMILEDS

LED LUXEON CoB 1202s
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 1.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15848_HEKLA-SOCKET-G



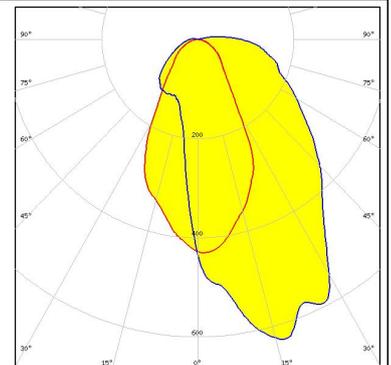
LUMILEDS

LED LUXEON CoB Dimtone 16x19
 FWHM Asymmetric
 Efficiency 88 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 499 Typ L8



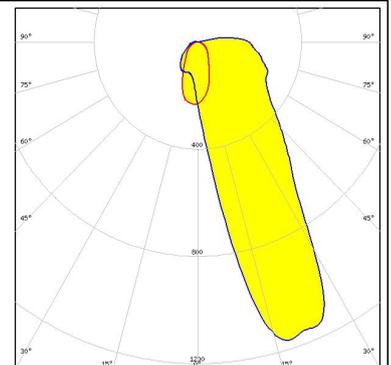
LUMINUS

LED CDM-14 (Dim-To-Warm)
 FWHM Asymmetric
 Efficiency 80 %
 Peak intensity 0.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 491 Typ L8



LUMINUS

LED CDM-6 (Dim-To-Warm)
 FWHM Asymmetric
 Efficiency 82 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 490 Typ L8



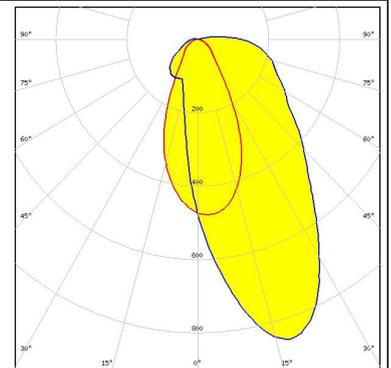
PHOTOMETRIC DATA (MEASURED):

<p>LUMINUS</p> <p>LED CDM-9 (Dim-To-Warm)</p> <p>FWHM Asymmetric</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.940 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>	
<p>LUMINUS</p> <p>LED CXM-14</p> <p>FWHM Asymmetric</p> <p>Efficiency 82 %</p> <p>Peak intensity 0.580 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15859_HEKLA-SOCKET-I</p>	
<p>LUMINUS</p> <p>LED CXM-9</p> <p>FWHM Asymmetric</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.970 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15255_HEKLA-SOCKET-C</p>	
<p>NICHIA</p> <p>LED NJCWL024Z-V1MT: COB L-Type Tunable White</p> <p>FWHM Asymmetric</p> <p>Efficiency 83 %</p> <p>Peak intensity 1.158 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 497 Typ L8</p>	

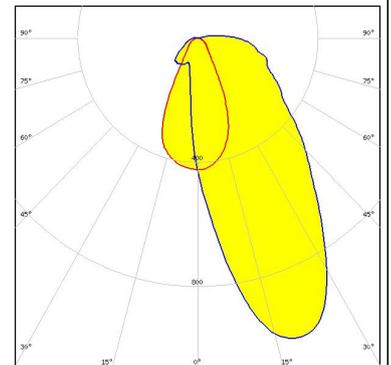
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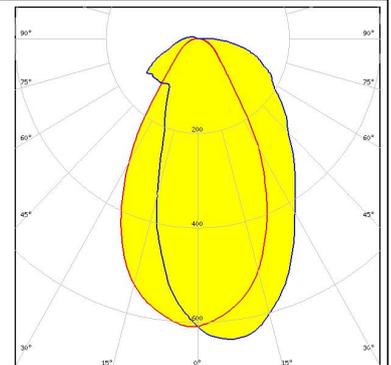
LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 FWHM Asymmetric
 Efficiency 86 %
 Peak intensity 0.870 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 498 Typ L8



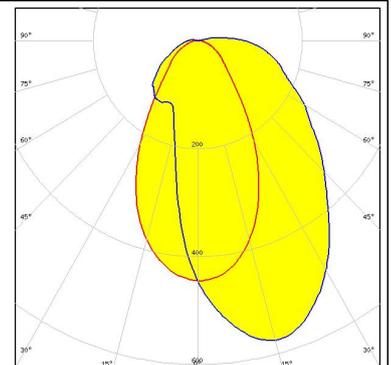
LED Fortimo SLM L09 CoB
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15858_HEKLA-SOCKET-H



LED Fortimo SLM L13 CoB
 FWHM Asymmetric
 Efficiency 84 %
 Peak intensity 0.640 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 432 Typ L8



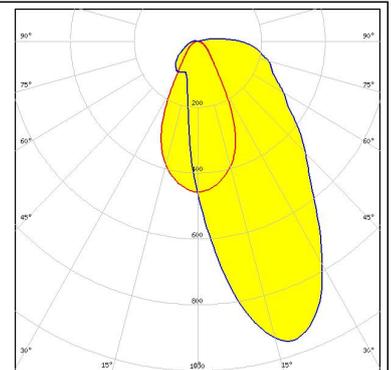
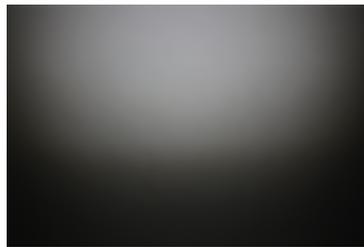
LED COB D Series LES 14.5 mm
 FWHM Asymmetric
 Efficiency 83 %
 Peak intensity 0.580 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



PHOTOMETRIC DATA (MEASURED):

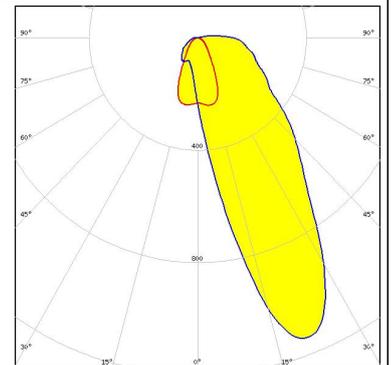
SAMSUNG

LED COB D Series LES 9.8 mm
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 0.960 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



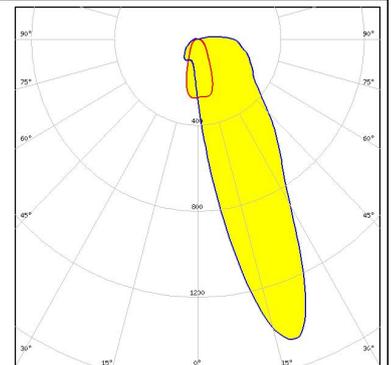
SAMSUNG

LED LC010C
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15848_HEKLA-SOCKET-G



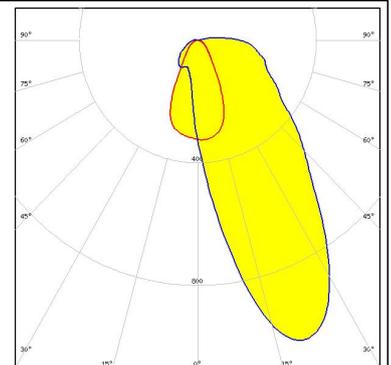
SAMSUNG

LED LC010C G2
 FWHM Asymmetric
 Efficiency 88 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



SAMSUNG

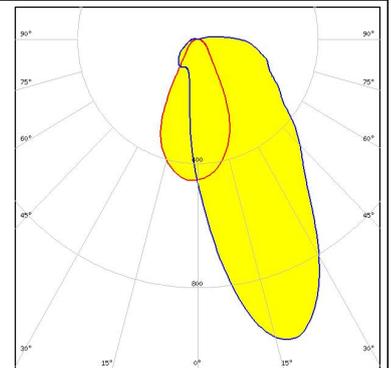
LED LC020C
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15848_HEKLA-SOCKET-G



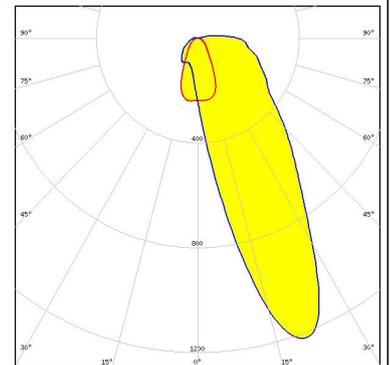
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SAMSUNG

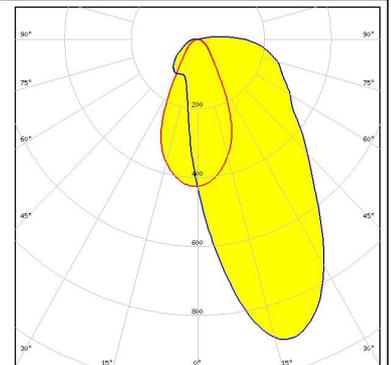
LED LC020C G2
 FWHM Asymmetric
 Efficiency 89 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15859_HEKLA-SOCKET-I



SEOUL SEMICONDUCTOR
 LED MJT COB LES 6
 FWHM Asymmetric
 Efficiency 88 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C

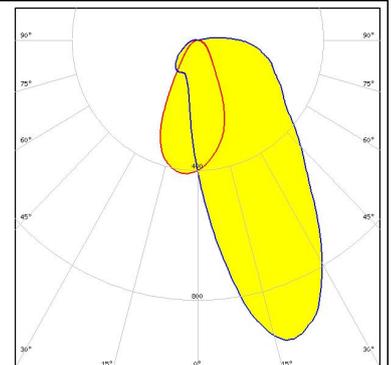


SEOUL SEMICONDUCTOR
 LED MJT COB LES 9.8
 FWHM Asymmetric
 Efficiency 88 %
 Peak intensity 0.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



TRIDONIC

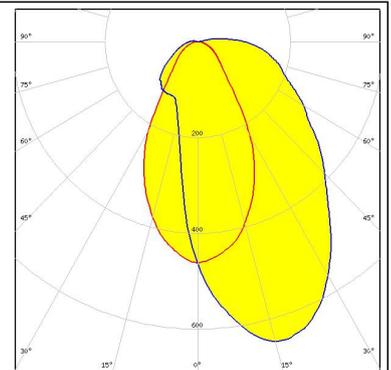
LED SLE G7 LES09
 FWHM Asymmetric
 Efficiency 89 %
 Peak intensity 0.980 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F15255_HEKLA-SOCKET-C



PHOTOMETRIC DATA (MEASURED):

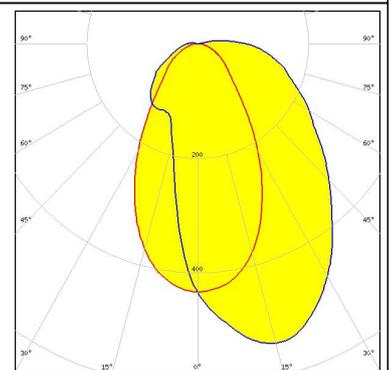
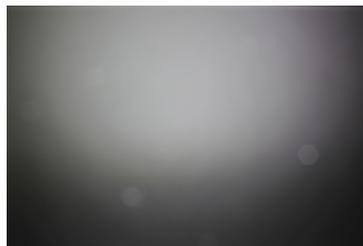
TRIDONIC

LED SLE G7 LES13
FWHM Asymmetric
Efficiency 85 %
Peak intensity 0.650 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



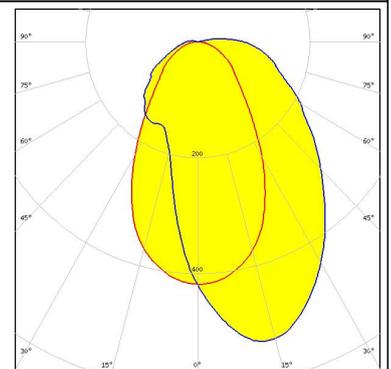
TRIDONIC

LED SLE G7 LES15
FWHM Asymmetric
Efficiency 82 %
Peak intensity 0.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



XICATO

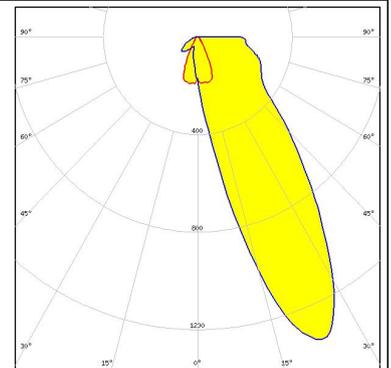
LED XTM - 19mm LES
FWHM Asymmetric
Efficiency 83 %
Peak intensity 0.530 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16058_XTM-ADAPTER-50-C



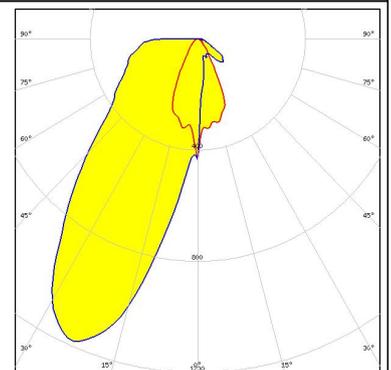
PHOTOMETRIC DATA (SIMULATED):



LED COB T-Type
FWHM Asymmetric
Efficiency 83 %
Peak intensity 1.350 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15848_HEKLA-SOCKET-G



LED SLE G6 LES10
FWHM Asymmetric
Efficiency 92 %
Peak intensity 1.180 cd/lm
LEDs/each optic 1
Light colour White
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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