

RONDA-REC-90-C

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

SPECIFICATION:

Dimensions	Ø 53.9 mm
Height	16.6 mm
Fastening	socket
ROHS compliant	yes ⓘ



MATERIALS:

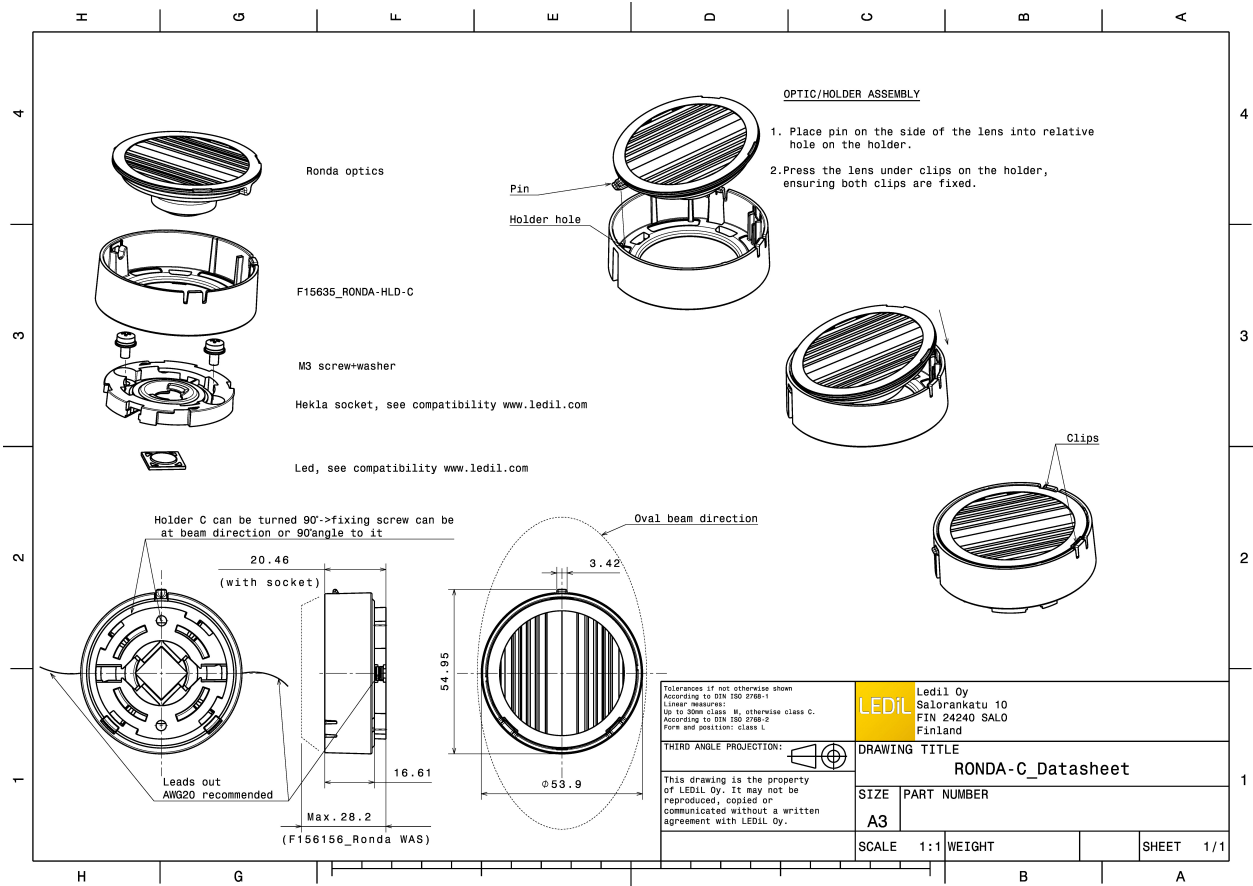
Component	Type	Material	Colour	Finish	Length
F15788_RONDA-REC-90	Single lens	PMMA	clear		49.9
F15635_RONDA-HLD-C	Holder	PC	white		53.9

ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15788_RONDA-REC-90	Single lens	420	120	30	6.5
» Box size: 480 x 280 x 300 mm					
F15635_RONDA-HLD-C	Holder	420	120	30	4.1
» Box size: 480 x 280 x 300 mm					

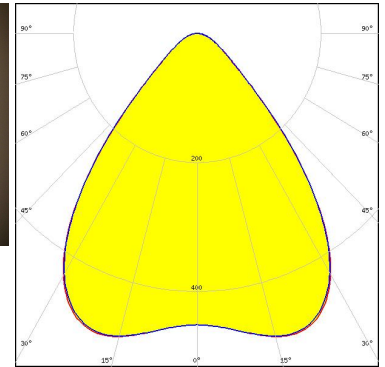


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

bridgelux

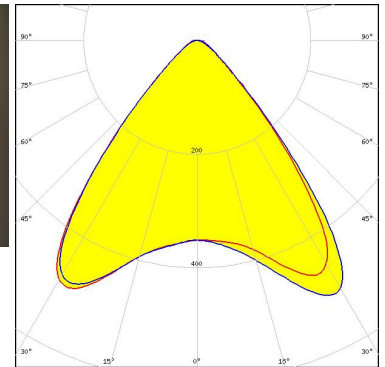
LED V11 HD Gen 8
 FWHM / FWTM 81.0° / 115.0°
 Efficiency 89 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 633d Hekla



Light distribution files

bridgelux

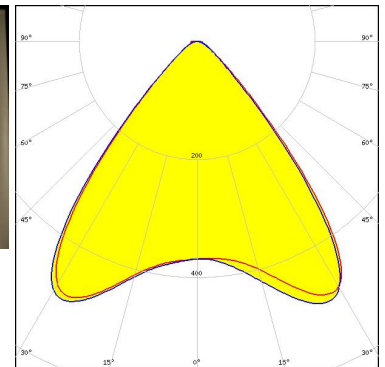
LED V4 HD Gen 7
 FWHM / FWTM 85.0° / 114.0°
 Efficiency 92 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15253_HEKLA-SOCKET-A



Light distribution files

bridgelux

LED V6 Gen6
 FWHM / FWTM 84.0° / 111.0°
 Efficiency 92 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15253_HEKLA-SOCKET-A

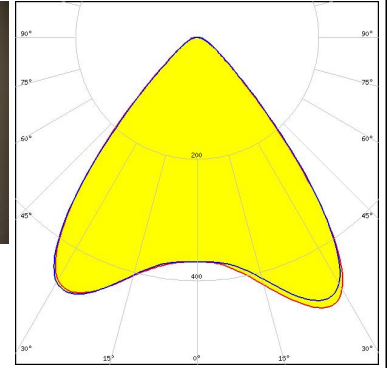


Light distribution files

OPTICAL RESULTS (MEASURED):



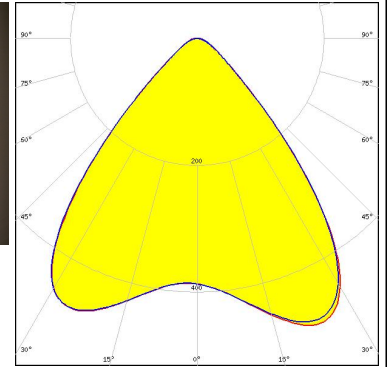
LED V6 HD Gen 7
FWHM / FWTM 85.0° / 114.0°
Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



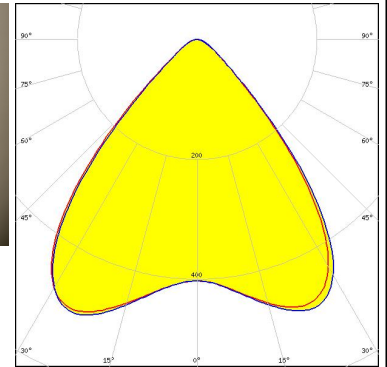
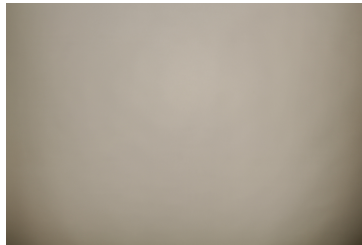
LED V9 HD Gen7
FWHM / FWTM 85.0° / 115.0°
Efficiency 89 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files



LED VERO10
FWHM / FWTM 85.0° / 111.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15616_HEKLA-SOCKET-F



Light distribution files

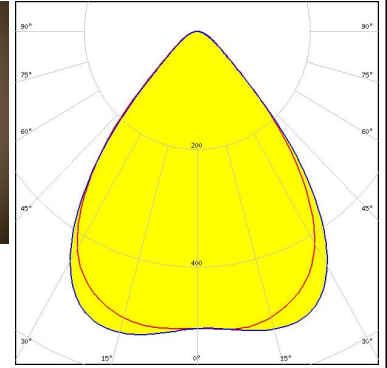
OPTICAL RESULTS (MEASURED):



LED Vesta DTW 13mm (21W)
 FWHM / FWTM 80.0° / 109.0°
 Efficiency 84 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White

Required components:

C16142_HEKLA-SOCKET-K
 Bender Wirth: 491 Typ L8



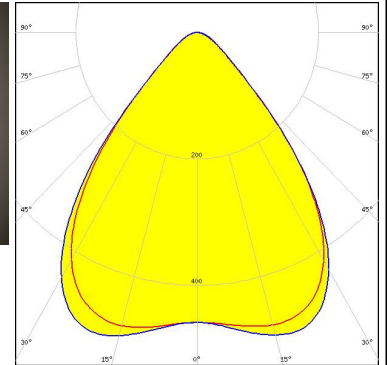
Light distribution files



LED Vesta TW 13mm (25W) CSP
 FWHM / FWTM 82.0° / 114.0°
 Efficiency 85 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C16142_HEKLA-SOCKET-K
 Bender Wirth: 492 Typ L8



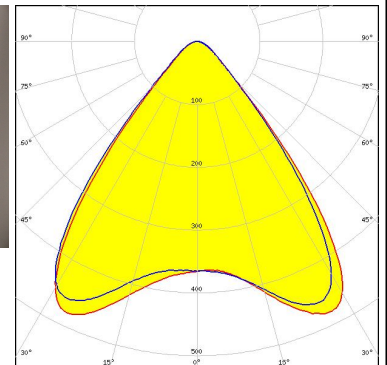
Light distribution files



LED Vesta TW 6mm DP
 FWHM / FWTM 77.0° / 102.0°
 Efficiency 85 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C16142_HEKLA-SOCKET-K
 Bender Wirth: 504 Typ L8

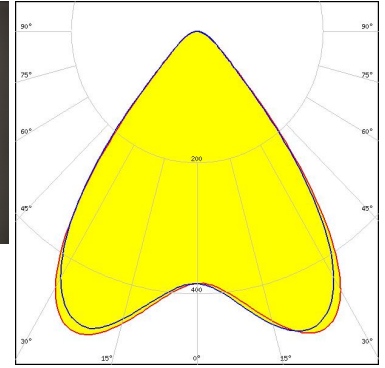


Light distribution files

OPTICAL RESULTS (MEASURED):

bridgelux

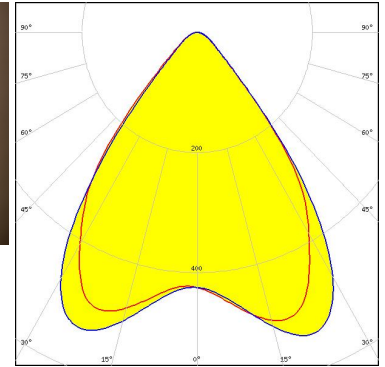
LED Vesta TW 9mm (12W) CSP
 FWHM / FWTM 82.0° / 112.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files

CITIZEN

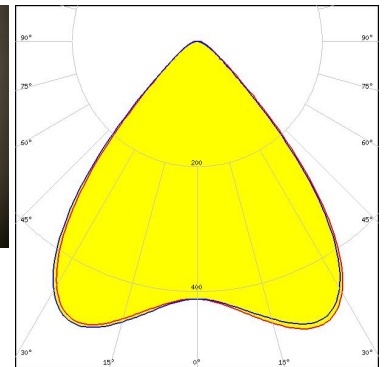
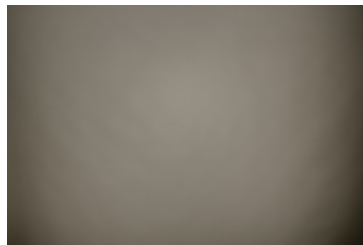
LED CLC020 Series (Dim-To-Warm)
 FWHM / FWTM 80.0° / 107.0° + 106.0°
 Efficiency 85 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files

CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 84.0° / 110.0°
 Efficiency 89 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C

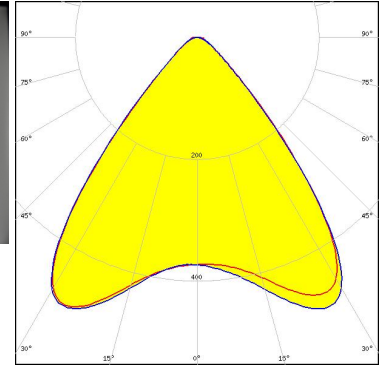


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

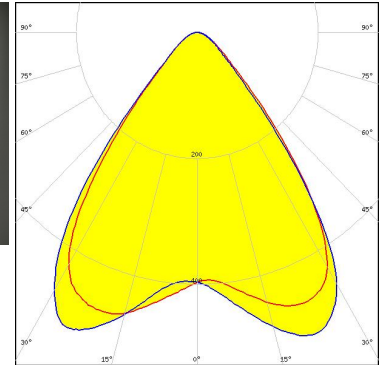
LED CLU700/701/702/703
 FWHM / FWTM 83.0° / 111.0°
 Efficiency 90 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files

CITIZEN

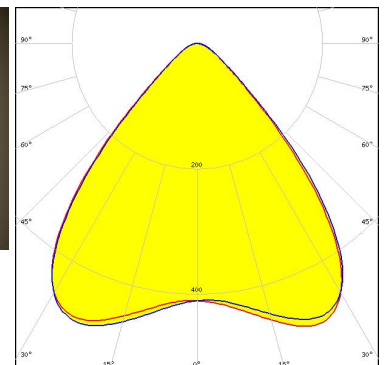
LED LCN-C01B (Tunable White)
 FWHM / FWTM 81.0° / 113.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 481 Typ L8



Light distribution files



LED CMA1516
 FWHM / FWTM 86.0° / 115.0°
 Efficiency 92 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15256_HEKLA-SOCKET-D

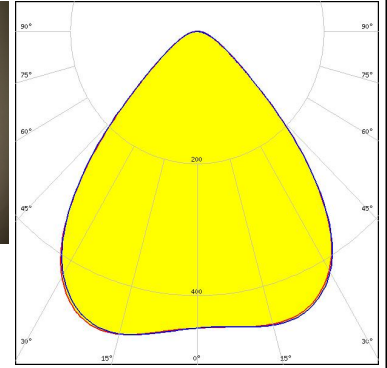
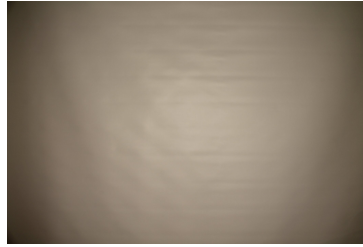


Light distribution files

OPTICAL RESULTS (MEASURED):



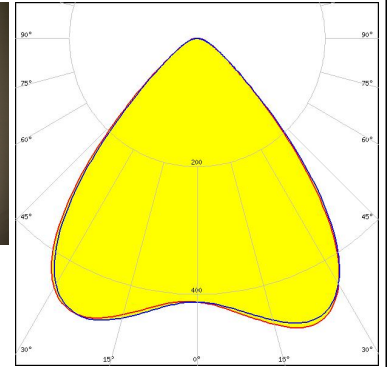
LED CMA1825
 FWHM / FWTM 86.0° / 121.0°
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15254_HEKLA-SOCKET-B



Light distribution files



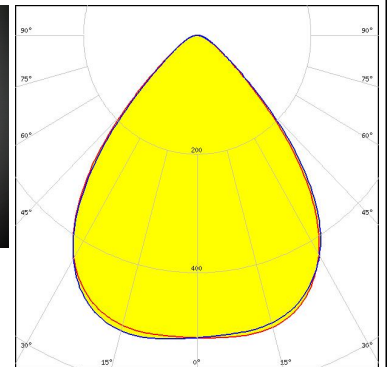
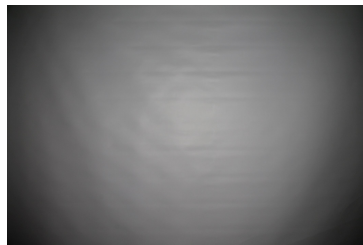
LED CMT14xx
 FWHM / FWTM 86.0° / 117.0°
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



LED CMT19xx
 FWHM / FWTM 82.0° / 114.0°
 Efficiency 88 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I

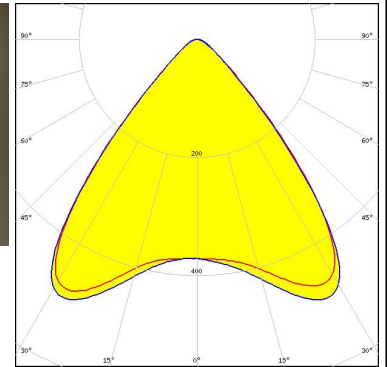


Light distribution files

OPTICAL RESULTS (MEASURED):



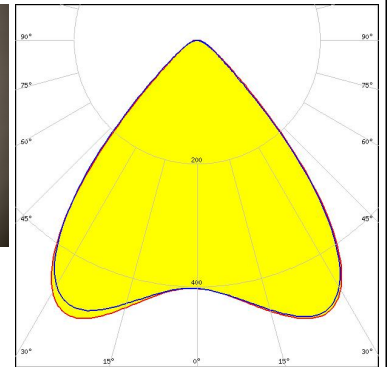
LED CXA/B 13xx
 FWHM / FWTM 84.0° / 110.0°
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15956_HEKLA-SOCKET-J



Light distribution files



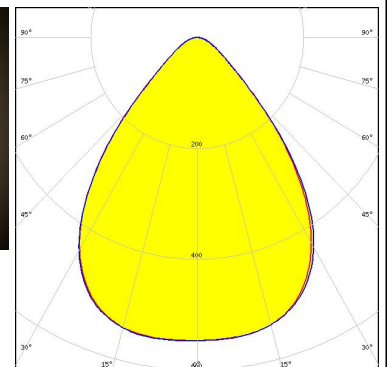
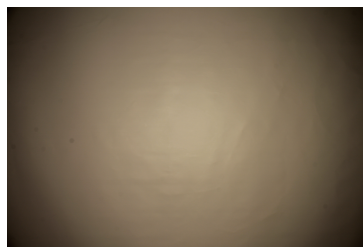
LED CXA/B 15xx
 FWHM / FWTM 85.0° / 111.0°
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15256_HEKLA-SOCKET-D



Light distribution files



LED LUXEON CX Plus CoB L08 (Gen2)
 FWHM / FWTM 80.0° / 114.0°
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 637a Hekla

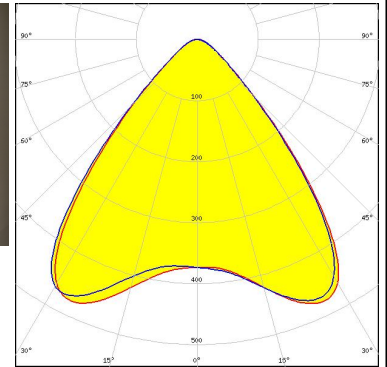


Light distribution files

OPTICAL RESULTS (MEASURED):



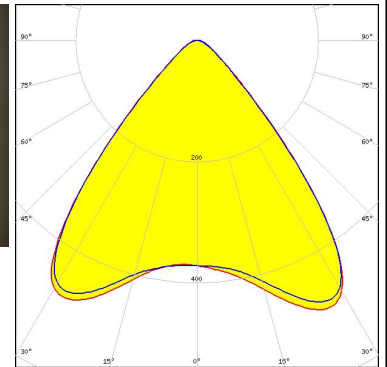
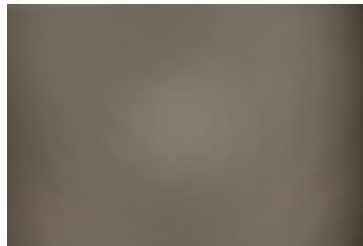
LED LUXEON CoB 1202HD
 FWHM / FWTM 85.2 + 85.4° / 116.3 + 116.5°
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15848_HEKLA-SOCKET-G



Light distribution files



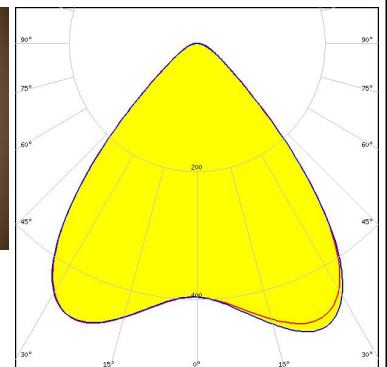
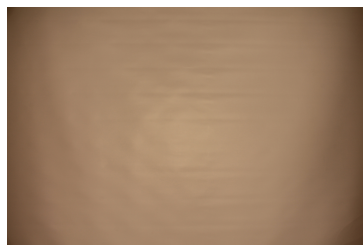
LED LUXEON CoB 1202s
 FWHM / FWTM 84.0° / 112.0°
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15848_HEKLA-SOCKET-G



Light distribution files



LED LUXEON CoB 1204HD
 FWHM / FWTM 85.8 + 85.7° / 117.1 + 117.5°
 Efficiency 91 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H

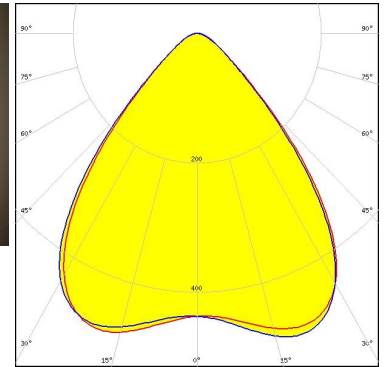


Light distribution files

OPTICAL RESULTS (MEASURED):



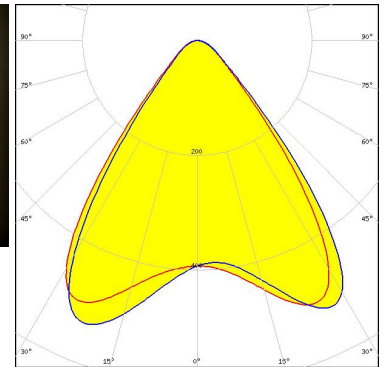
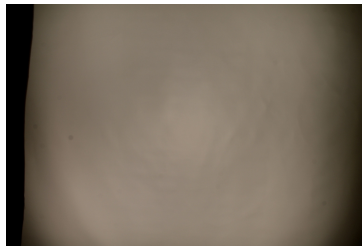
LED LUXEON CoB 1205HD
FWHM / FWTM 75.3 + 75.4° / 117.8 + 117.9°
Efficiency 90 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15858_HEKLA-SOCKET-H



Light distribution files



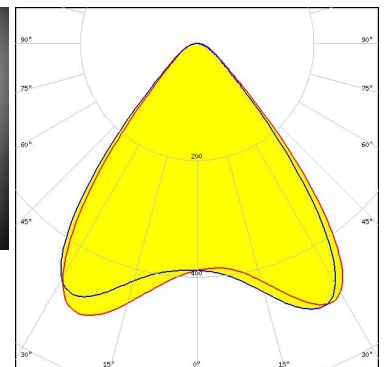
LED LUXEON CX Plus CoB - HD S01H4
FWHM / FWTM 75.0° / 105.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
Bender Wirth: 634c Hekla



Light distribution files



LED LUXEON CX Plus CoB - HD S02H6
FWHM / FWTM 79.0° / 109.0°
Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
Bender Wirth: 634c Hekla

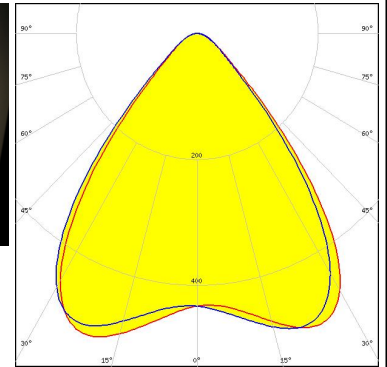
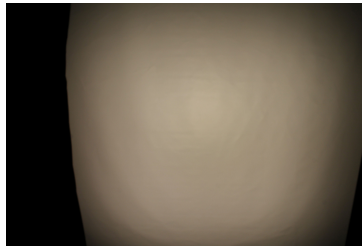


Light distribution files

OPTICAL RESULTS (MEASURED):



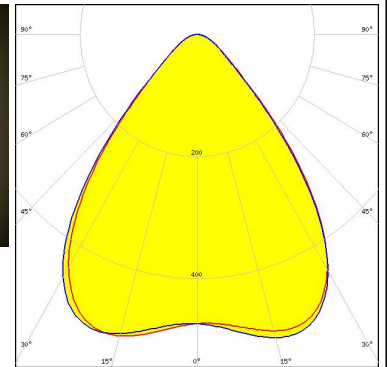
LED LUXEON CX Plus CoB - HD S04H9
 FWHM / FWTM 80.0° / 110.0°
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 634c Hekla



Light distribution files



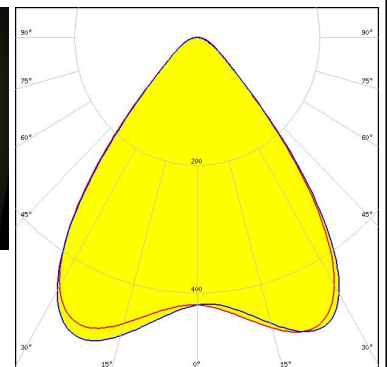
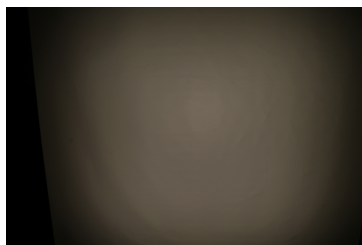
LED LUXEON CX Plus CoB L04 / L05 (Gen2)
 FWHM / FWTM 80.0° / 113.0°
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 637a Hekla



Light distribution files



LED LUXEON CX Plus CoB M02 / M03 (Gen2)
 FWHM / FWTM 79.0° / 110.0°
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 641a Hekla

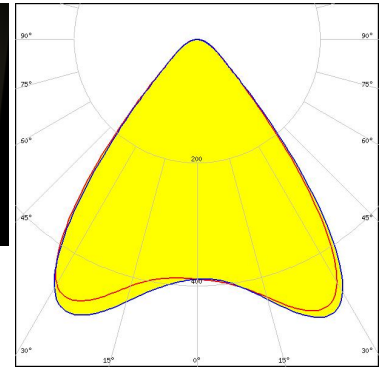


Light distribution files

OPTICAL RESULTS (MEASURED):



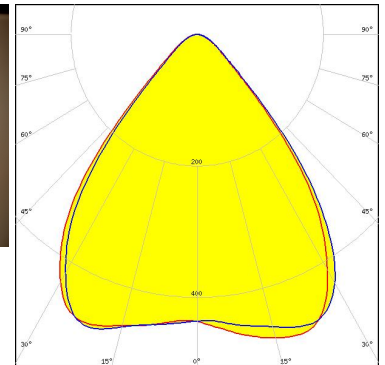
LED LUXEON CX Plus CoB S01 (Gen2)
FWHM / FWTM 78.0° / 108.0°
Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 Bender Wirth: 634c Hekla



Light distribution files



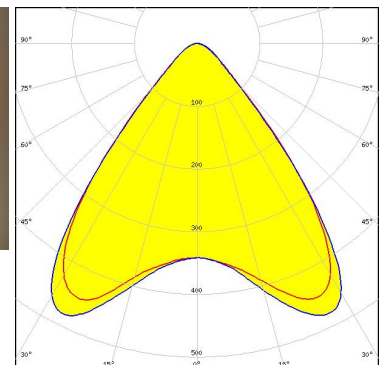
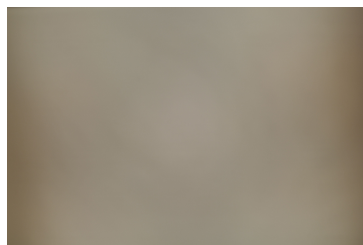
LED CDM-14 (Dim-To-Warm)
FWHM / FWTM 83.0° / 113.0°
Efficiency 82 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 491 Typ L8



Light distribution files



LED CDM-6 (Dim-To-Warm)
FWHM / FWTM 82.0° / 115.0°
Efficiency 86 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 490 Typ L8

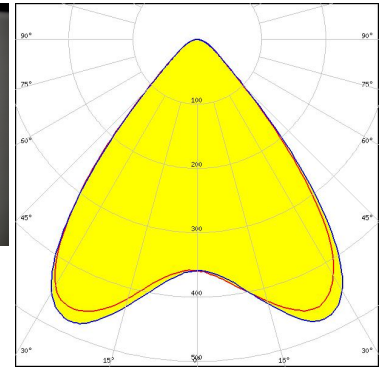


Light distribution files

OPTICAL RESULTS (MEASURED):



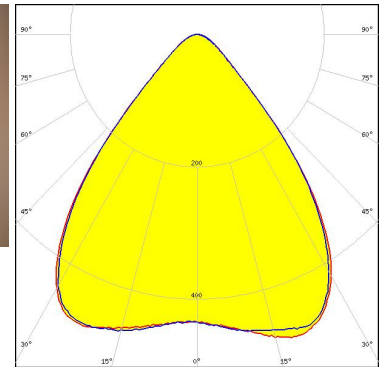
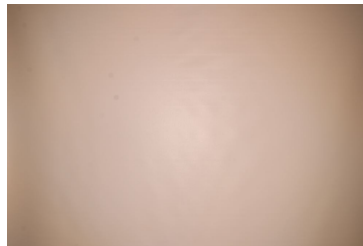
LED CDM-9 (Dim-To-Warm)
 FWHM / FWTM 83.0° / 113.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 490 Typ L8



Light distribution files



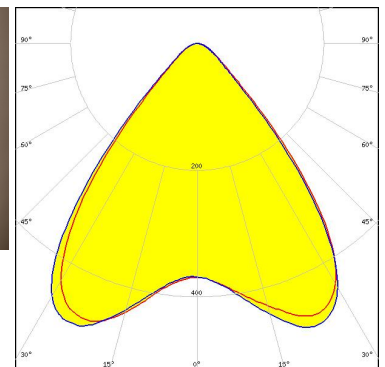
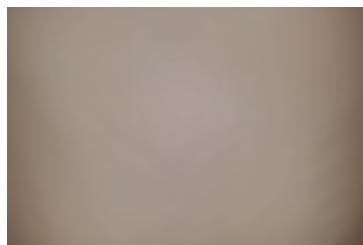
LED CTM-14 (Tunable White)
 FWHM / FWTM 82.0° / 113.0°
 Efficiency 82 %
 Peak intensity 0.5 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 442 Typ L8



Light distribution files



LED CTM-9 (Tunable White)
 FWHM / FWTM 83.0° / 112.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 495 Typ L8

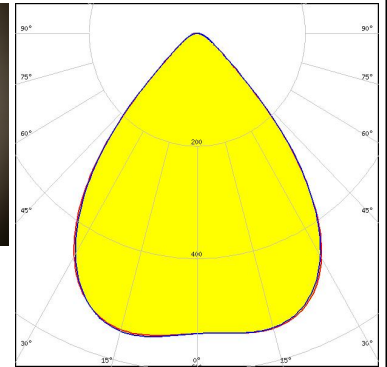
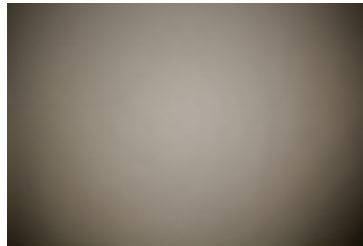


Light distribution files

OPTICAL RESULTS (MEASURED):



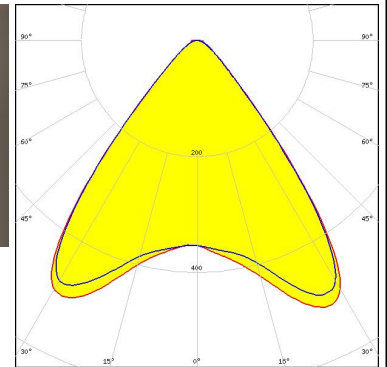
LED CxM-14 (19x19)
FWHM / FWTM 81.0° / 107.0°
Efficiency 87 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files



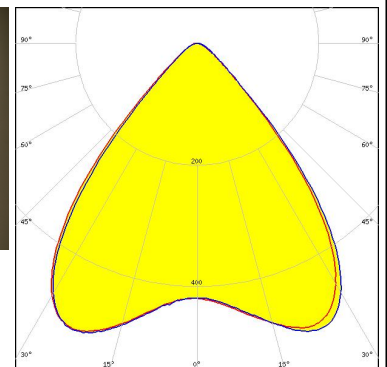
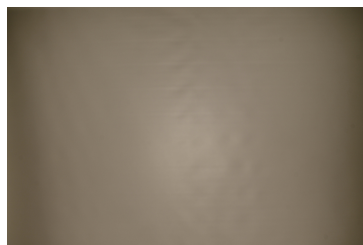
LED CXM-4
FWHM / FWTM 82.0° / 111.0°
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



LED CxM-9 (13.5x13.5)
FWHM / FWTM 83.0° / 108.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15255_HEKLA-SOCKET-C

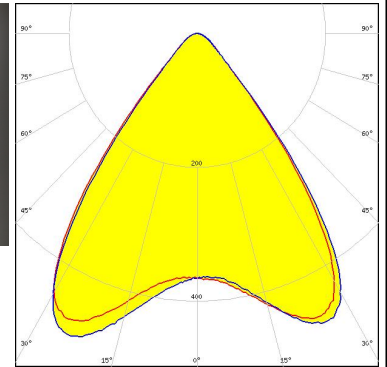


Light distribution files

OPTICAL RESULTS (MEASURED):



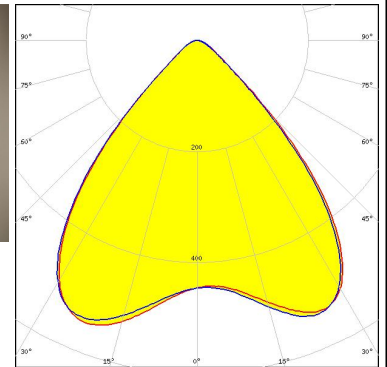
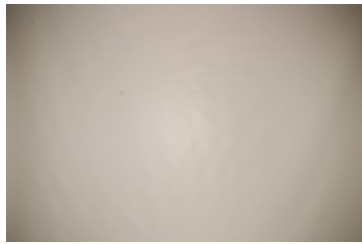
LED NJCWL024Z-V1MT: COB L-Type Tunable White
 FWHM / FWTM 84.0° / 108.0°
 Efficiency 83 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 497 Typ L8



Light distribution files



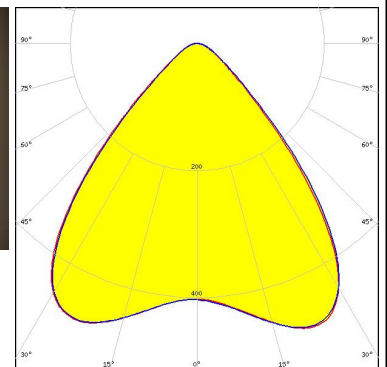
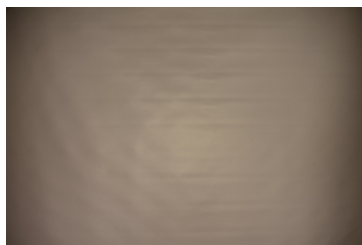
LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 FWHM / FWTM 84.0° / 109.0°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 498 Typ L8



Light distribution files



LED Fortimo SLM L09 CoB
 FWHM / FWTM 85.0° / 116.0°
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H

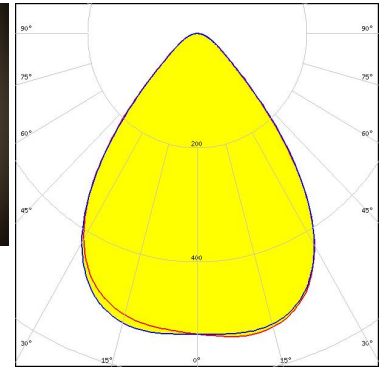


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

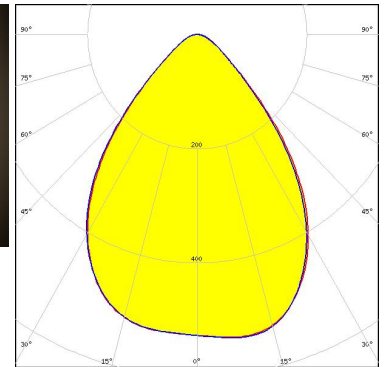
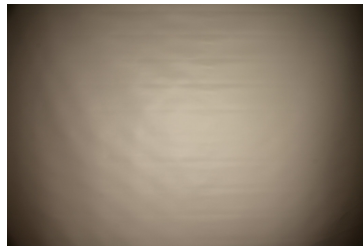
LED Fortimo SLM L13 CoB
FWHM / FWTM 78.0° / 113.0°
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 432 Typ L8



Light distribution files

PHILIPS

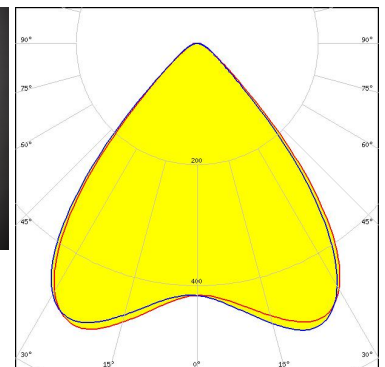
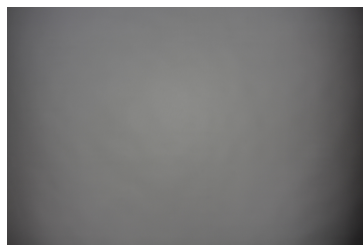
LED Fortimo SLM L13 CoB
FWHM / FWTM 78.0° / 114.0°
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 432 Typ L8



Light distribution files

SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
FWHM / FWTM 84.0° / 110.0°
Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15255_HEKLA-SOCKET-C

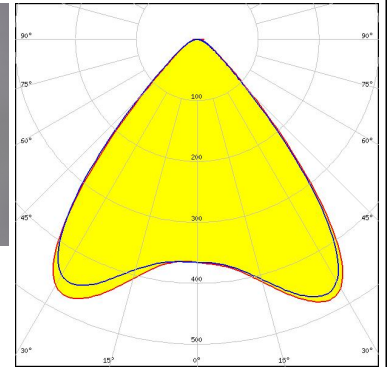


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

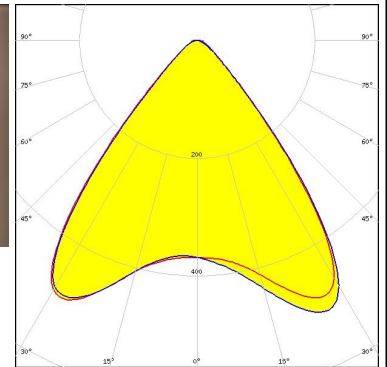
LED LC010C
 FWHM / FWTM 85.0° / 113.0°
 Efficiency 90 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15848_HEKLA-SOCKET-G



Light distribution files

SAMSUNG

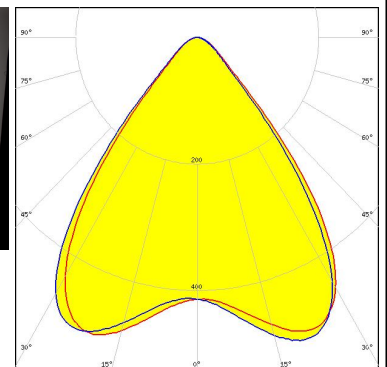
LED LC010C G2
 FWHM / FWTM 82.0° / 109.0°
 Efficiency 90 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files

SAMSUNG

LED LC010T (Tunable White)
 FWHM / FWTM 78.0° / 104.0°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 501 Typ L8

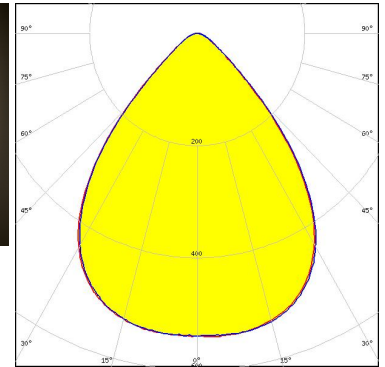
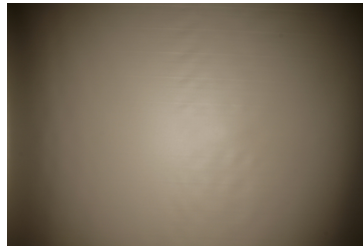


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

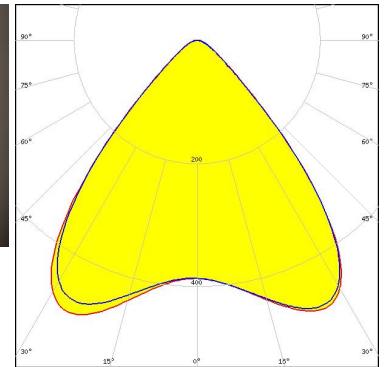
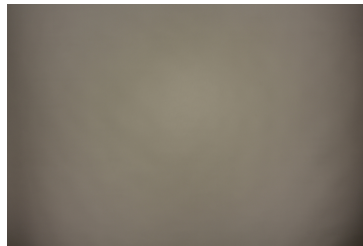
LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 81.0° / 110.0°
 Efficiency 87 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files

SAMSUNG

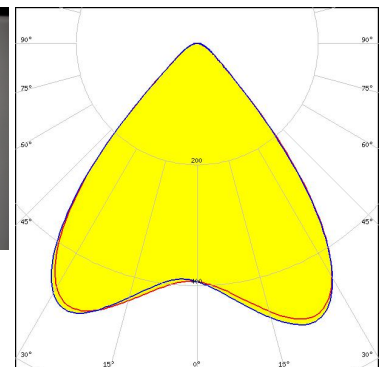
LED LC020C
 FWHM / FWTM 85.0° / 112.0 + 113.0°
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15848_HEKLA-SOCKET-G



Light distribution files

SAMSUNG

LED LC020C G2
 FWHM / FWTM 80.0° / 105.0°
 Efficiency 89 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I

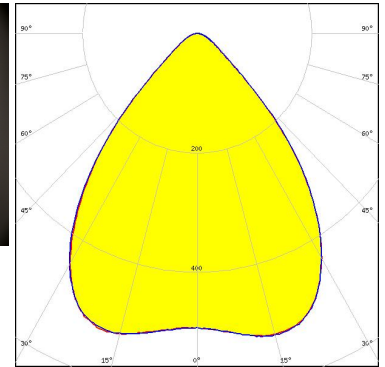


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

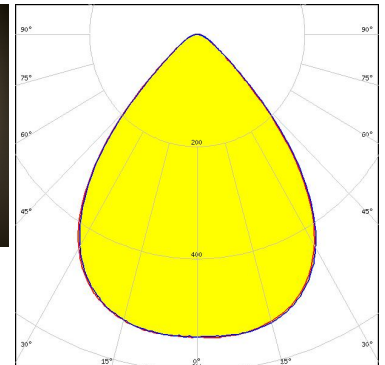
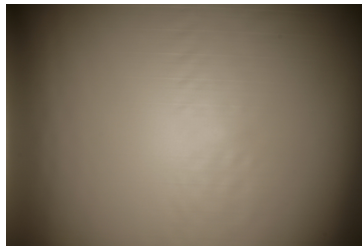
LED LC020T (Tunable white)
 FWHM / FWTM 81.0° / 109.0°
 Efficiency 86 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 501 Typ L8



Light distribution files



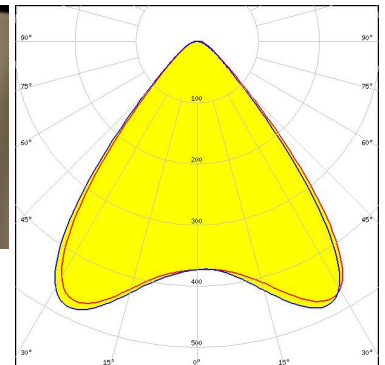
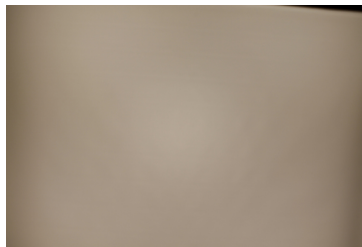
LED MJT COB LES 14.5
 FWHM / FWTM 81.0° / 110.0°
 Efficiency 87 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files


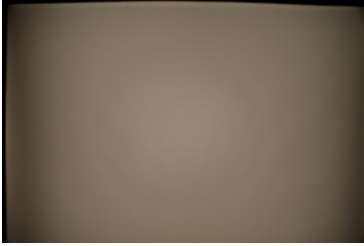
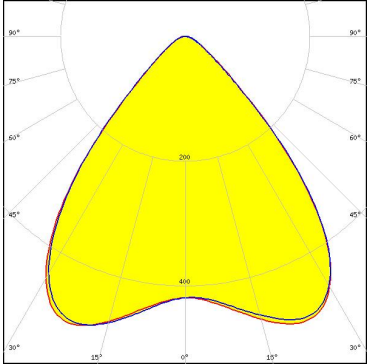


LED MJT COB LES 6
 FWHM / FWTM 83.0° / 113.0°
 Efficiency 89 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C


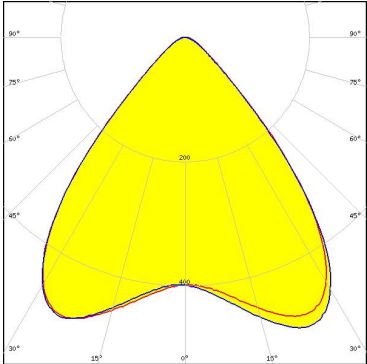


Light distribution files


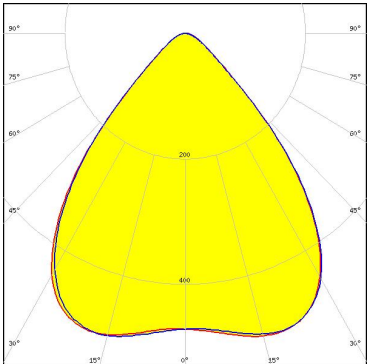
OPTICAL RESULTS (MEASURED):

 <p>SEOL SEMICONDUCTOR</p>			
LED	MJT COB LES 9.8		
FWHM / FWTM	84.0° / 111.0°		
Efficiency	89 %		
Peak intensity	0.5 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:			
F15255_HEKLA-SOCKET-C			

Light distribution files

<h2>TRIDONIC</h2>			
LED	SLE G7 LES09		
FWHM / FWTM	84.0° / 111.0°		
Efficiency	90 %		
Peak intensity	0.6 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:			
F15255_HEKLA-SOCKET-C			

Light distribution files

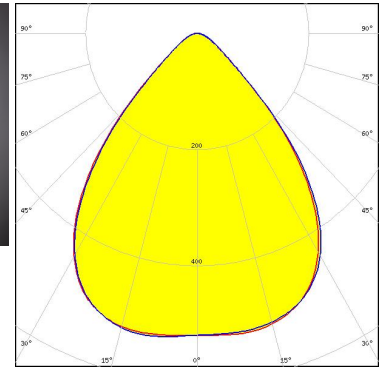
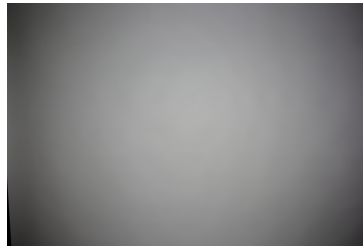
<h2>TRIDONIC</h2>			
LED	SLE G7 LES13		
FWHM / FWTM	84.0° / 112.0°		
Efficiency	87 %		
Peak intensity	0.5 cd/lm		
LEDs/each optic	1		
Light colour/type	White		
Required components:			
F15859_HEKLA-SOCKET-I			

Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

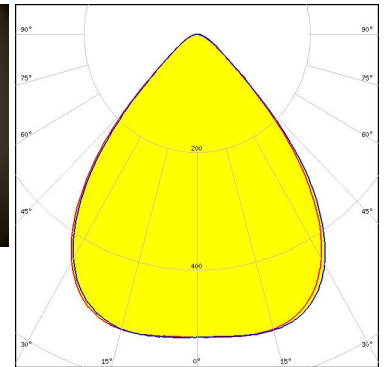
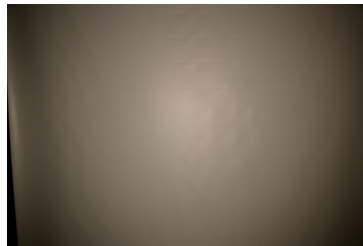
LED SLE G7 LES15
FWHM / FWTM 81.0° / 112.0°
Efficiency 87 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15859_HEKLA-SOCKET-I



Light distribution files

XICATO

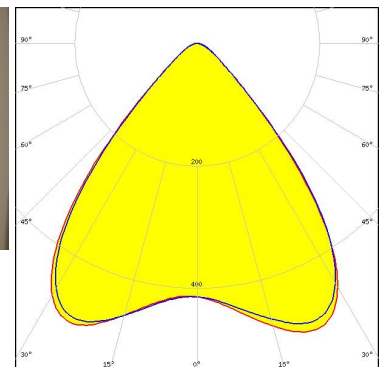
LED XOB 14.5 mm
FWHM / FWTM 82.0° / 110.0°
Efficiency 87 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15859_HEKLA-SOCKET-I



Light distribution files

XICATO

LED XOB 9.8 mm
FWHM / FWTM 80.0° / 106.0°
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15255_HEKLA-SOCKET-C

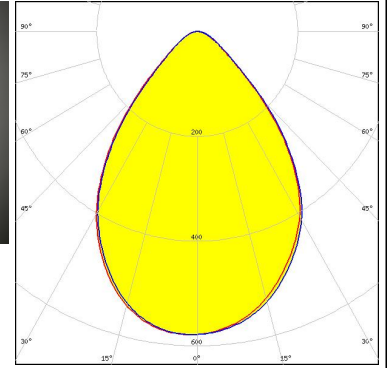


Light distribution files

OPTICAL RESULTS (MEASURED):

XICATO

LED XTM - 19mm LES
FWHM / FWTM 76.0° / 113.0°
Efficiency 87 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C16058_XTM-ADAPTER-50-C

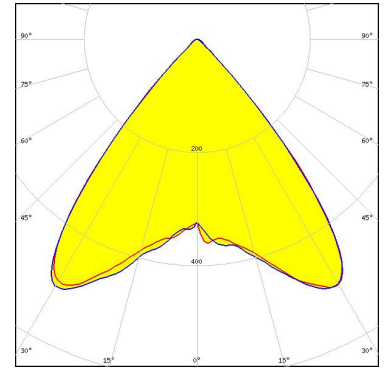


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED	COB T-Type
FWHM / FWTM	68.0 + 74.0° / 83.0 + 89.0°
Efficiency	85 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15848_HEKLA-SOCKET-G	



Light distribution files

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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Distribution Partners

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