

BARBARA-G2-W

~40° wide beam compatible with LEDiL HEKLA

SPECIFICATION:

Dimensions	Ø 70.0 mm
Height	41.9 mm
Fastening	socket
ROHS compliant	yes ⓘ

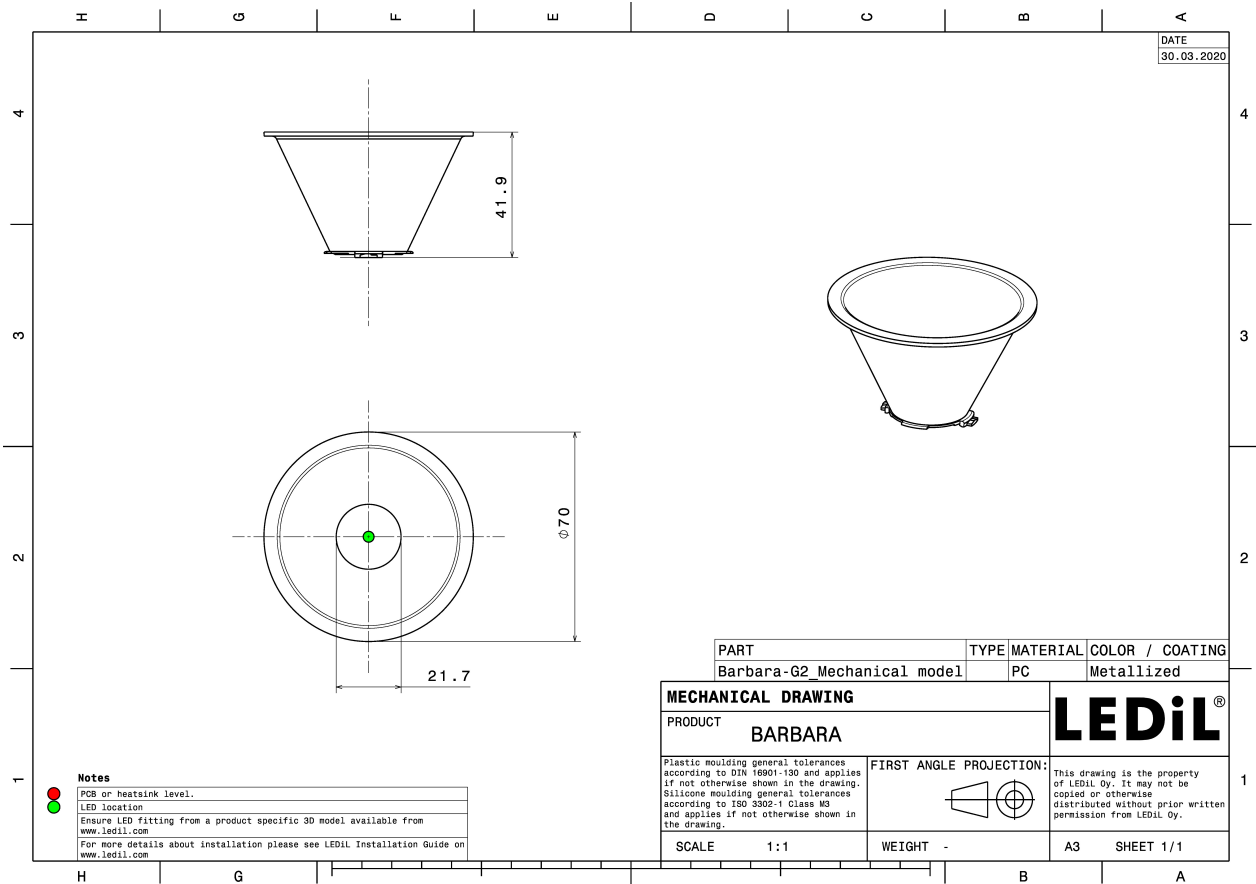
MATERIALS:

Component	Type	Material	Colour	Finish	Coating
BARBARA-G2-W	Reflector	PC	metal		



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16365_BARBARA-G2-W » Box size: 480 x 280 x 300 mm	252	90	18	4.8

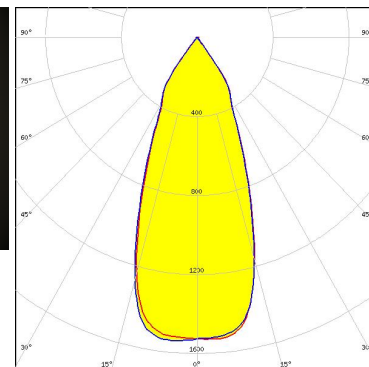
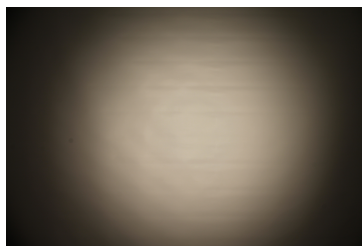


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



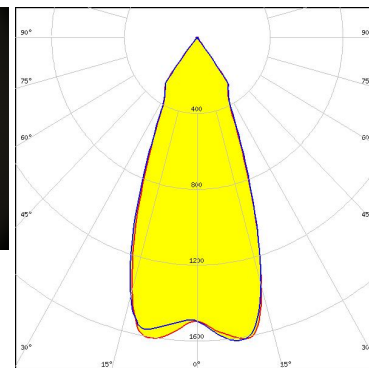
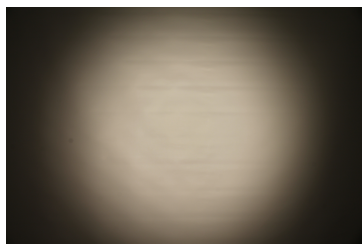
LED V4 HD Gen 7
 FWHM / FWTM 42.0° / 74.0°
 Efficiency 86 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15253_HEKLA-SOCKET-A
 C14658_BARBARA-RZ-LENS



Light distribution files



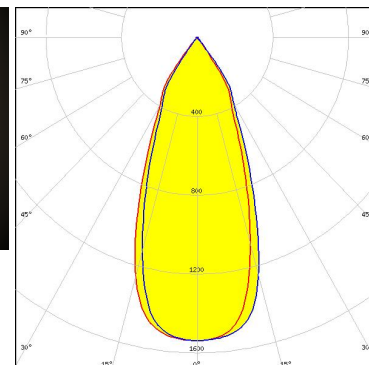
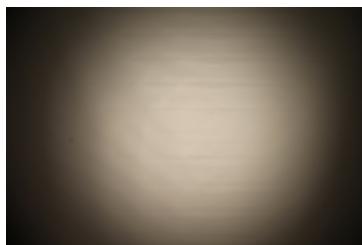
LED V4 HD Gen 7
 FWHM / FWTM 43.0° / 74.0°
 Efficiency 91 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15253_HEKLA-SOCKET-A



Light distribution files



LED V6 HD Gen 7
 FWHM / FWTM 42.0° / 74.0°
 Efficiency 86 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C
 C14658_BARBARA-RZ-LENS

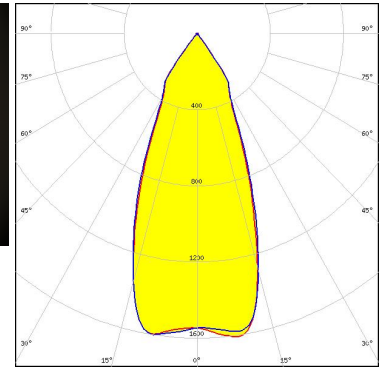
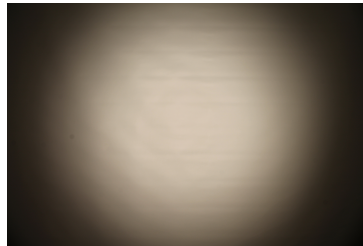


Light distribution files

OPTICAL RESULTS (MEASURED):



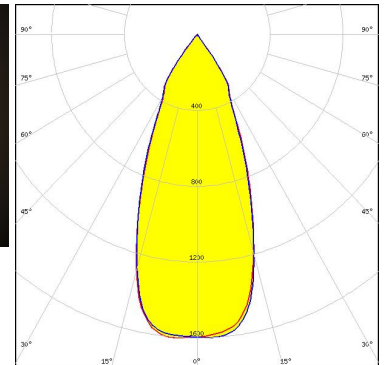
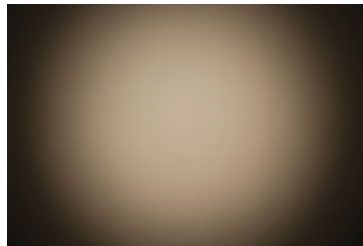
LED V6 HD Gen 7
 FWHM / FWTM 42.0° / 74.0°
 Efficiency 91 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



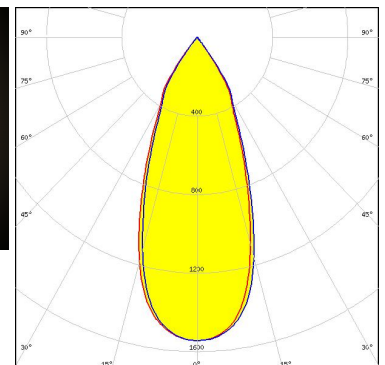
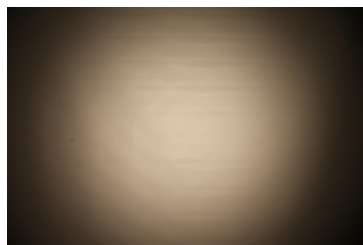
LED V9 HD Gen7
 FWHM / FWTM 42.0° / 73.0°
 Efficiency 88 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15256_HEKLA-SOCKET-D



Light distribution files



LED V9 HD Gen7
 FWHM / FWTM 41.0° / 74.0°
 Efficiency 85 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I
 C14658_BARBARA-RZ-LENS

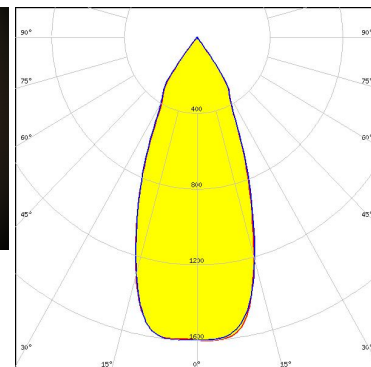
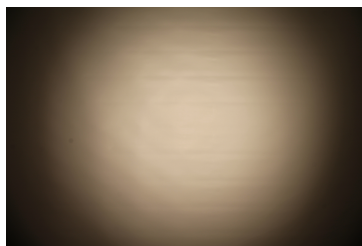


Light distribution files

OPTICAL RESULTS (MEASURED):



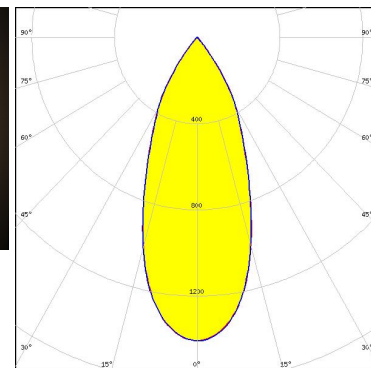
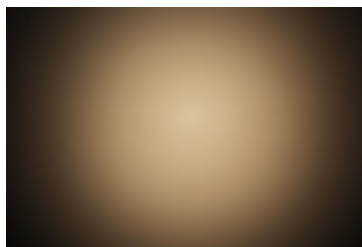
LED V9 HD Gen7
 FWHM / FWTM 43.0° / 74.0°
 Efficiency 91 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files



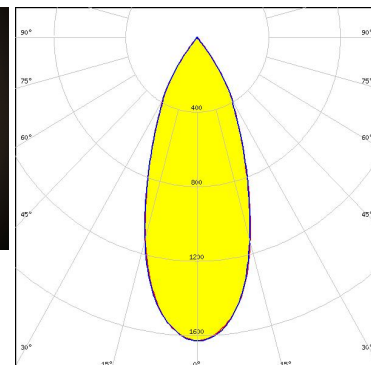
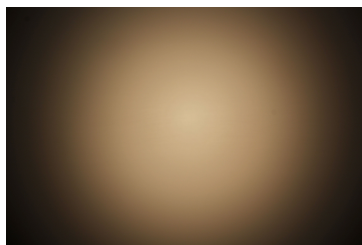
LED Vesta DTW 13mm (21W)
 FWHM / FWTM 42.0° / 75.0°
 Efficiency 80 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 491 Typ L8



Light distribution files



LED Vesta DTW 13mm (21W)
 FWHM / FWTM 41.0° / 73.0°
 Efficiency 85 %
 Peak intensity 1.6 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

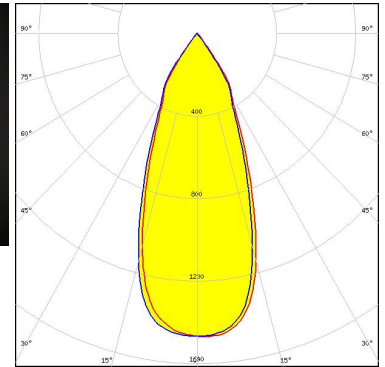
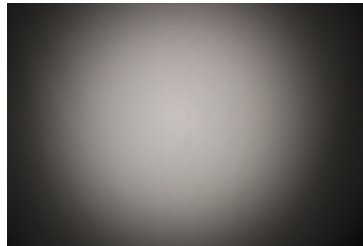
OPTICAL RESULTS (MEASURED):



LED Vesta TW 6mm DP
 FWHM / FWTM 41.0° / 73.0°
 Efficiency 80 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 504 Typ L8



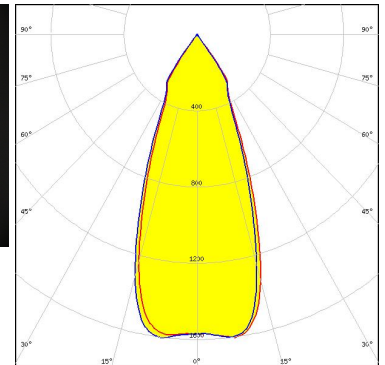
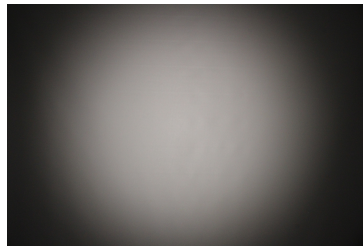
Light distribution files



LED Vesta TW 6mm DP
 FWHM / FWTM 41.0° / 73.0°
 Efficiency 85 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C16142_HEKLA-SOCKET-K
 Bender Wirth: 504 Typ L8



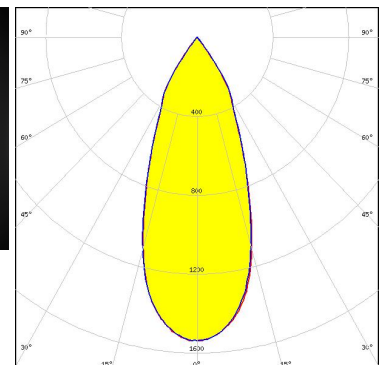
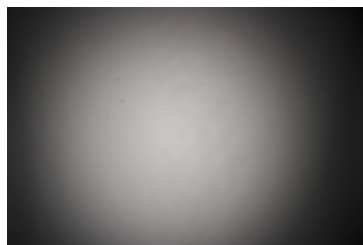
Light distribution files



LED Vesta TW 9mm (12W) CSP
 FWHM / FWTM 40.0° / 73.0°
 Efficiency 82 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS

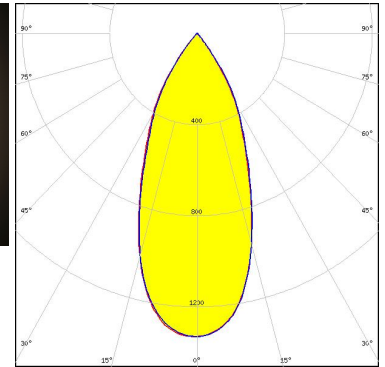
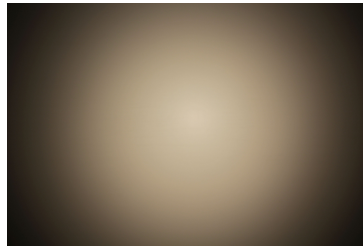


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

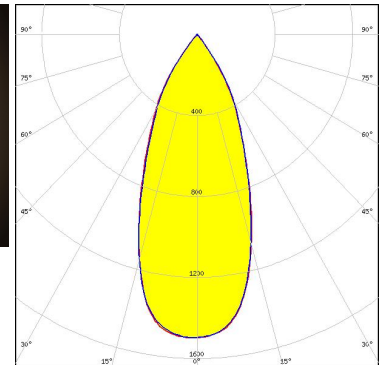
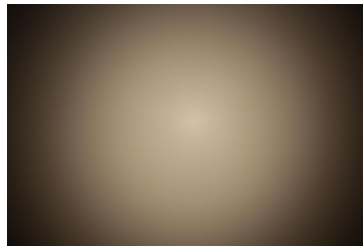
LED CLC030 Series (Dim-To-Warm)
 FWHM / FWTM 43.0° / 75.0°
 Efficiency 79 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 436 Typ L8



Light distribution files

CITIZEN

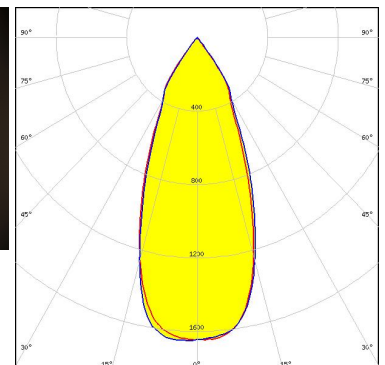
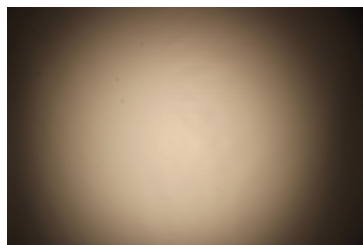
LED CLC030 Series (Dim-To-Warm)
 FWHM / FWTM 42.0° / 73.0°
 Efficiency 84 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 436 Typ L8



Light distribution files

CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 42.0° / 74.0°
 Efficiency 91 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C

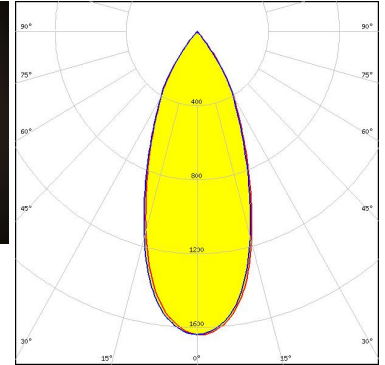


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

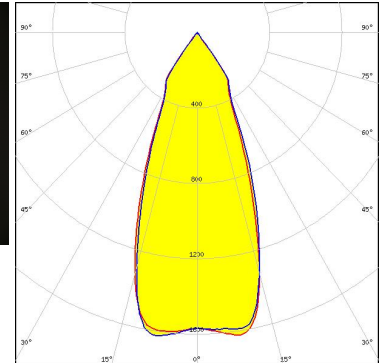
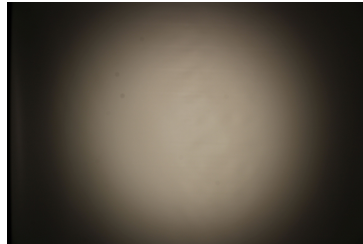
LED CLL03x/CLU03x
 FWHM / FWTM 41.0° / 74.0°
 Efficiency 88 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files

CITIZEN

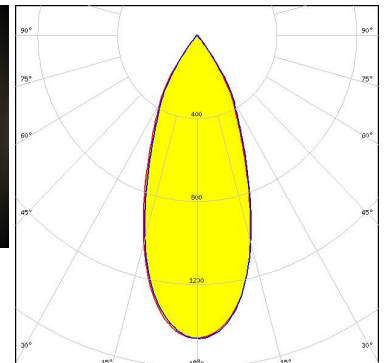
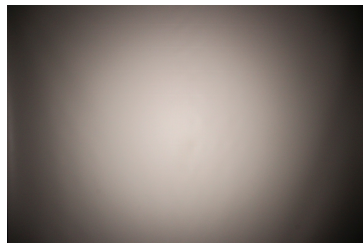
LED CLU700/701/702/703
 FWHM / FWTM 42.0° / 73.0°
 Efficiency 89 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files

CITIZEN

LED LCN-C02B (Tunable White)
 FWHM / FWTM 41.0° / 73.0°
 Efficiency 80 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 481 Typ L8

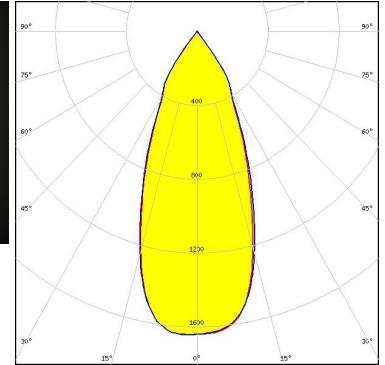


Light distribution files

OPTICAL RESULTS (MEASURED):



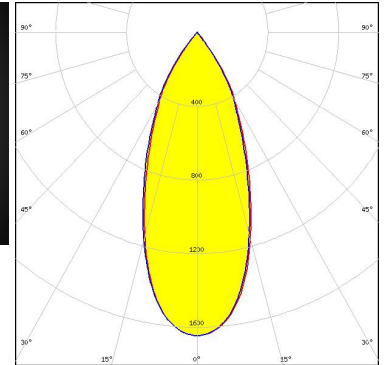
LED CMT14xx
FWHM / FWTM 42.0° / 74.0°
Efficiency 91 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15255_HEKLA-SOCKET-C



Light distribution files



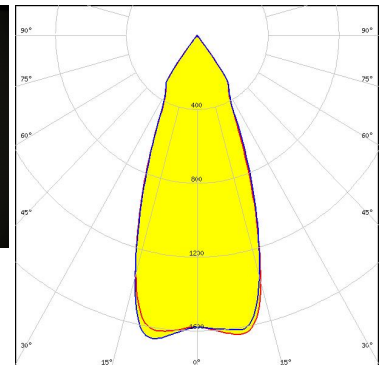
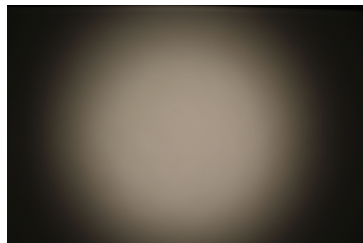
LED CMT19xx
FWHM / FWTM 41.0° / 74.0°
Efficiency 91 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15859_HEKLA-SOCKET-I



Light distribution files



LED CXA/B 13xx
FWHM / FWTM 42.0° / 74.0°
Efficiency 92 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15956_HEKLA-SOCKET-J

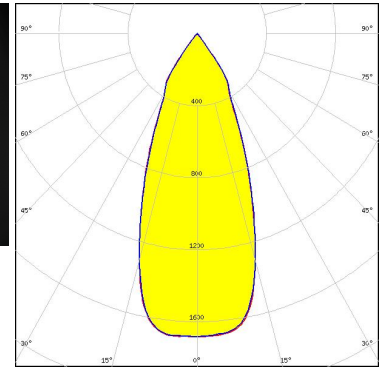
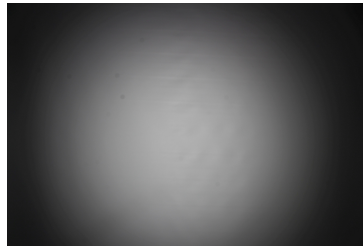


Light distribution files

OPTICAL RESULTS (MEASURED):



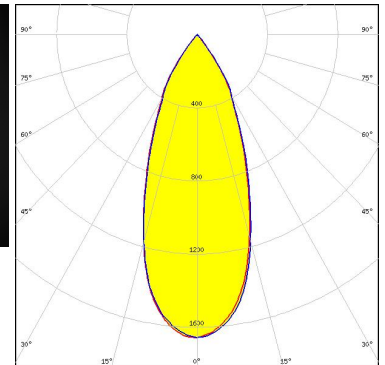
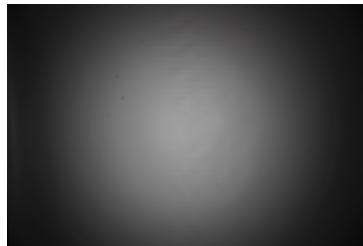
LED CX/A/B 15xx
FWHM / FWTM 42.0° / 74.0°
Efficiency 92 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15256_HEKLA-SOCKET-D



Light distribution files



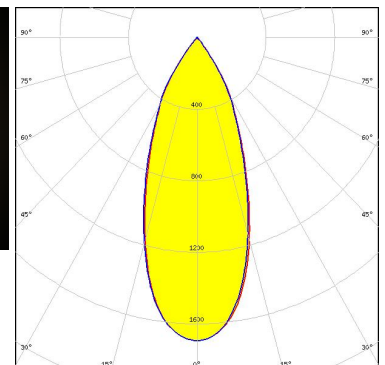
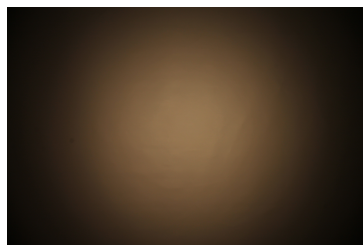
LED CX/A/B 1816 & CX/A/B 1820 & CX/A 1850
FWHM / FWTM 41.0° / 74.0°
Efficiency 89 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15254_HEKLA-SOCKET-B



Light distribution files



LED LUXEON CX Plus CoB L08 (Gen2)
FWHM / FWTM 40.0° / 73.0°
Efficiency 89 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
Bender Wirth: 637a Hekla

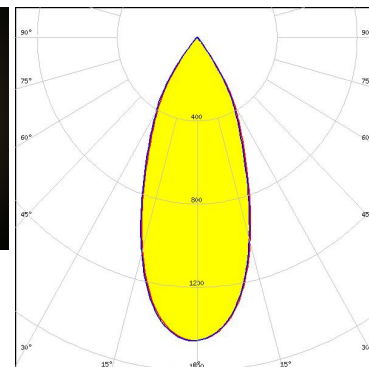
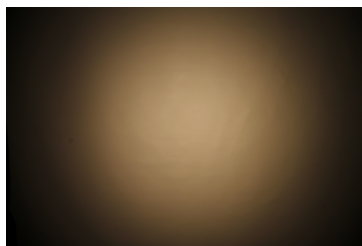


Light distribution files

OPTICAL RESULTS (MEASURED):



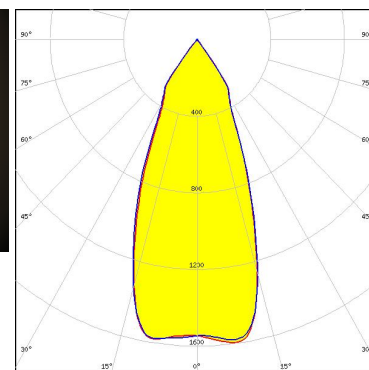
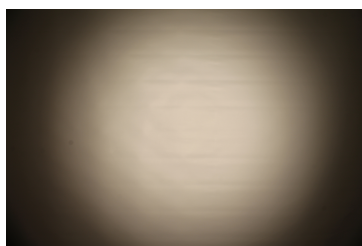
LED LUXEON CX Plus CoB L08 (Gen2)
 FWHM / FWTM 42.0° / 74.0°
 Efficiency 82 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 637a Hekla



Light distribution files



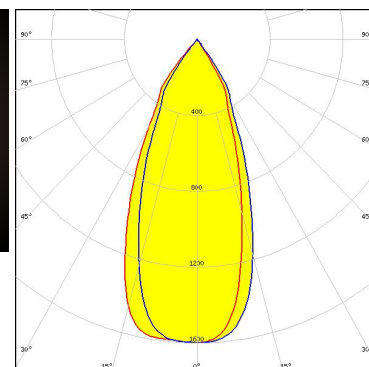
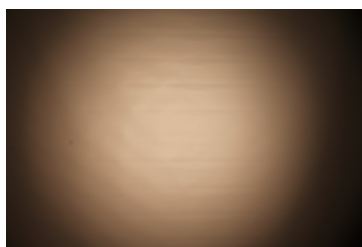
LED LUXEON CoB 1202HD
 FWHM / FWTM 42.0° / 74.0°
 Efficiency 90 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15848_HEKLA-SOCKET-G



Light distribution files



LED LUXEON CoB 1204HD
 FWHM / FWTM 43.0° / 74.0°
 Efficiency 91 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H

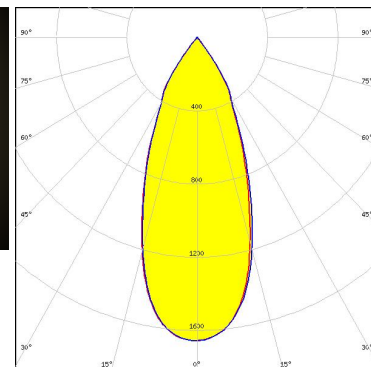
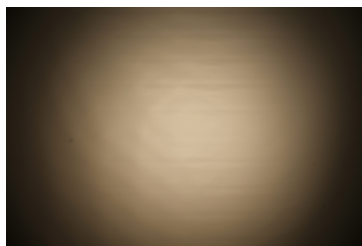


Light distribution files

OPTICAL RESULTS (MEASURED):



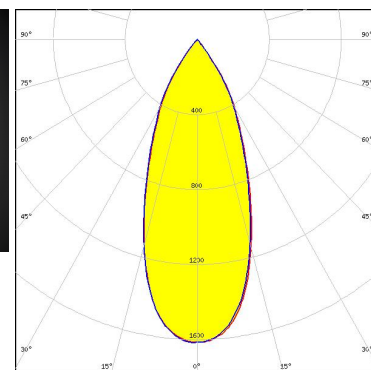
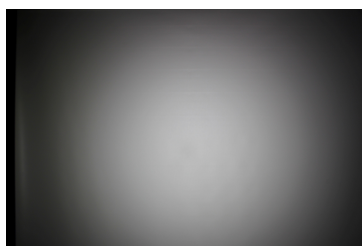
LED LUXEON CoB 1205HD
 FWHM / FWTM 41.0° / 74.0°
 Efficiency 90 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H



Light distribution files



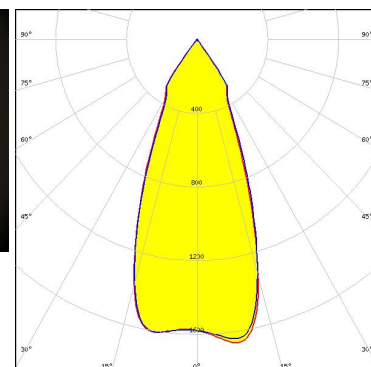
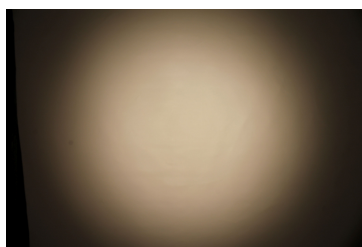
LED LUXEON CoB 1208
 FWHM / FWTM 41.0° / 73.0°
 Efficiency 87 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 632a Hekla XL



Light distribution files



LED LUXEON CX Plus CoB - HD S01H4
 FWHM / FWTM 42.0° / 73.0°
 Efficiency 90 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 634c Hekla

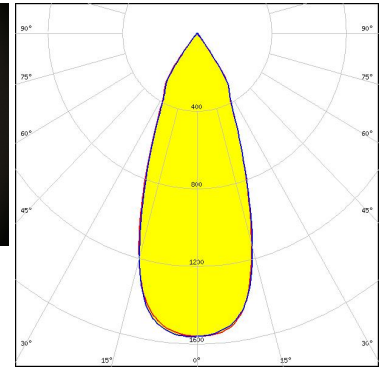
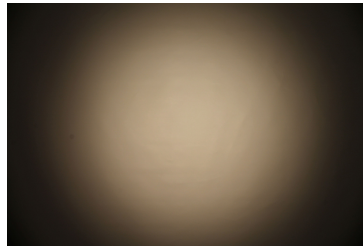


Light distribution files

OPTICAL RESULTS (MEASURED):



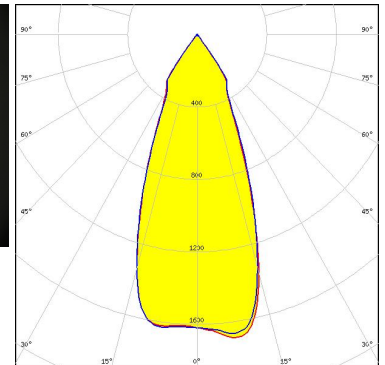
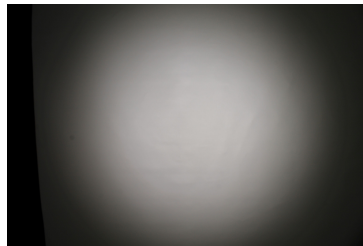
LED LUXEON CX Plus CoB - HD S01H4
 FWHM / FWTM 40.0° / 73.0°
 Efficiency 83 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 634c Hekla



Light distribution files



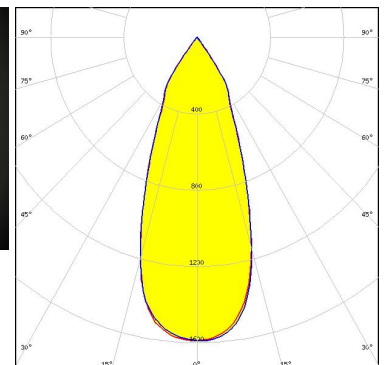
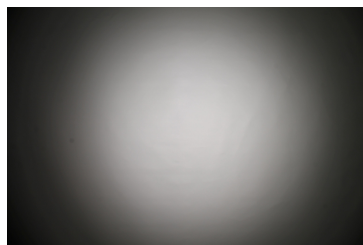
LED LUXEON CX Plus CoB - HD S02H6
 FWHM / FWTM 42.0° / 73.0°
 Efficiency 90 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 634c Hekla



Light distribution files



LED LUXEON CX Plus CoB - HD S02H6
 FWHM / FWTM 40.0° / 73.0°
 Efficiency 84 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 634c Hekla

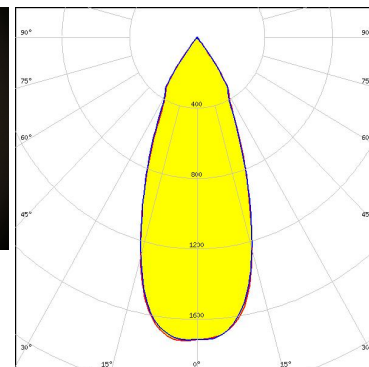
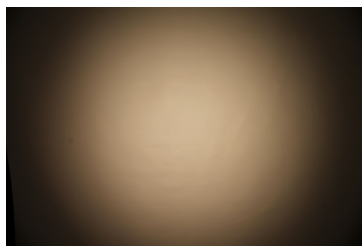


Light distribution files

OPTICAL RESULTS (MEASURED):



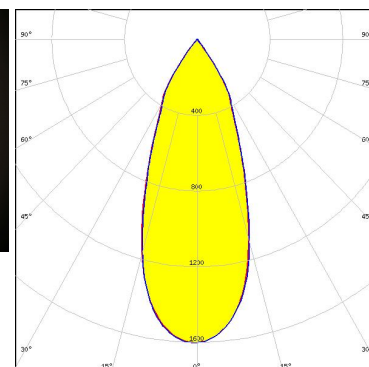
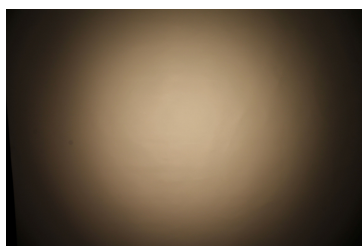
LED LUXEON CX Plus CoB - HD S04H9
 FWHM / FWTM 41.0° / 72.0°
 Efficiency 91 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 634c Hekla



Light distribution files



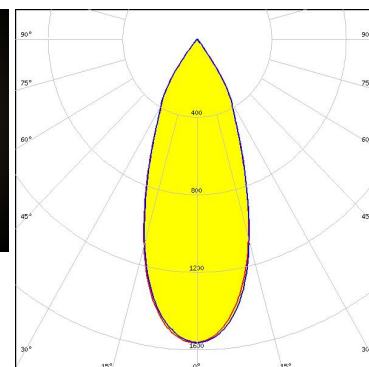
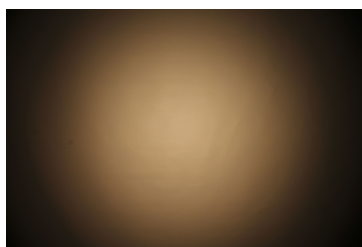
LED LUXEON CX Plus CoB - HD S04H9
 FWHM / FWTM 40.0° / 72.0°
 Efficiency 84 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 634c 3Hook



Light distribution files



LED LUXEON CX Plus CoB L04 / L05 (Gen2)
 FWHM / FWTM 40.0° / 73.0°
 Efficiency 83 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 637a Hekla

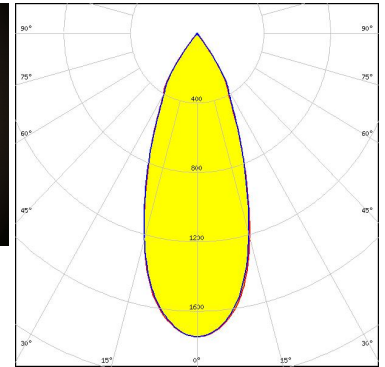
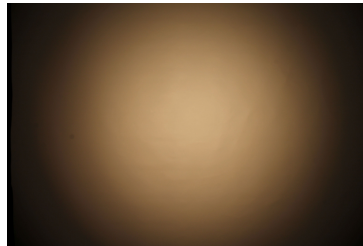


Light distribution files

OPTICAL RESULTS (MEASURED):



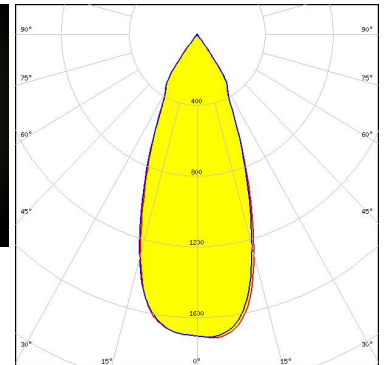
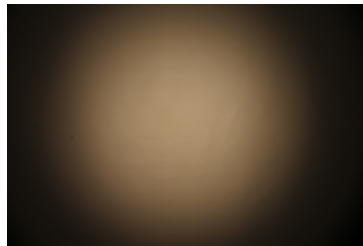
LED LUXEON CX Plus CoB L04 / L05 (Gen2)
 FWHM / FWTM 40.0° / 72.0°
 Efficiency 89 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 637a Hekla



Light distribution files



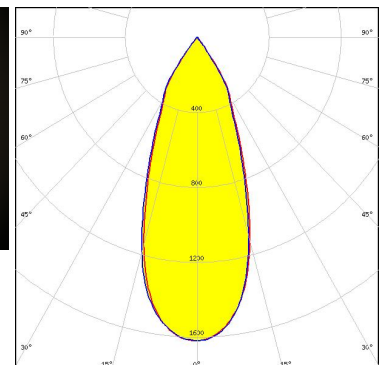
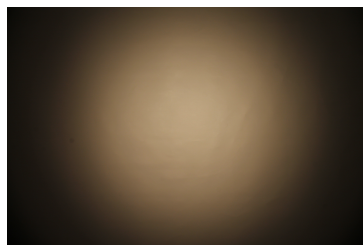
LED LUXEON CX Plus CoB M02 / M03 (Gen2)
 FWHM / FWTM 41.0° / 73.0°
 Efficiency 90 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 641a Hekla



Light distribution files



LED LUXEON CX Plus CoB M02 / M03 (Gen2)
 FWHM / FWTM 39.0° / 72.0°
 Efficiency 84 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 641a Hekla

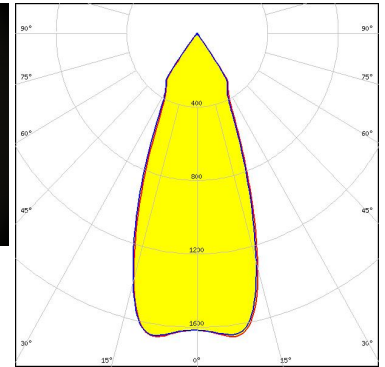
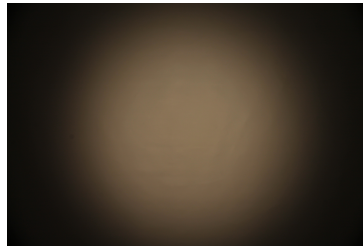


Light distribution files

OPTICAL RESULTS (MEASURED):



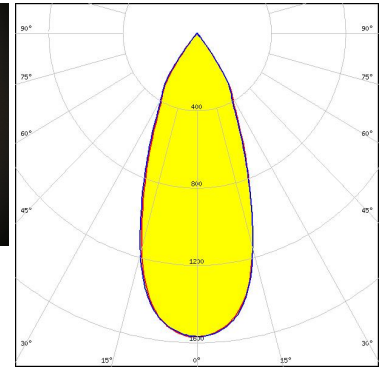
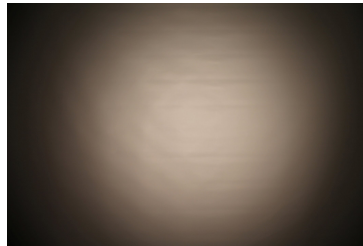
LED LUXEON CX Plus CoB S01 (Gen2)
 FWHM / FWTM 42.0° / 73.0°
 Efficiency 90 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 634c Hekla



OPTICAL RESULTS (MEASURED):

PHILIPS

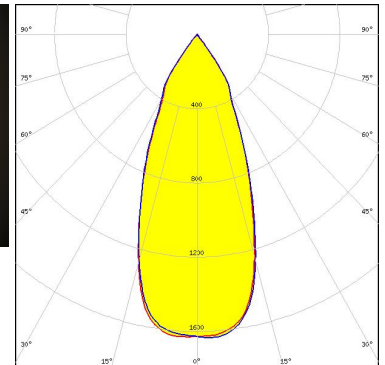
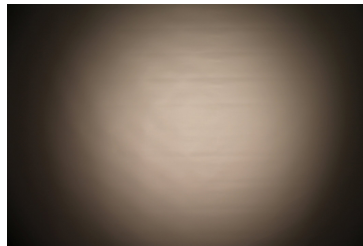
LED Fortimo SLM L09 CoB
 FWHM / FWTM 41.0° / 74.0°
 Efficiency 87 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H
 C14658_BARBARA-RZ-LENS



Light distribution files

PHILIPS

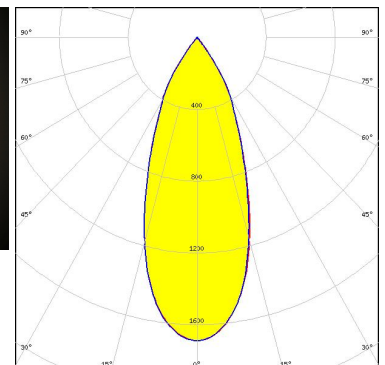
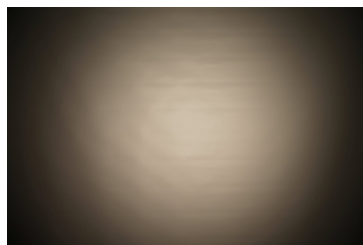
LED Fortimo SLM L09 CoB
 FWHM / FWTM 42.0° / 74.0°
 Efficiency 91 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H



Light distribution files

PHILIPS

LED Fortimo SLM L13 CoB
 FWHM / FWTM 40.0° / 72.0°
 Efficiency 88 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 432 Typ L8

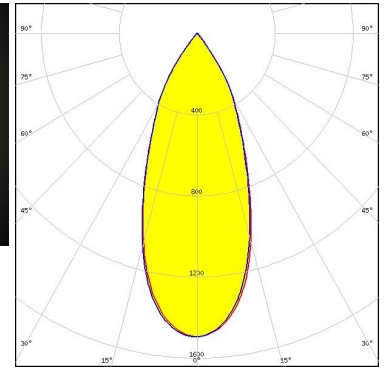
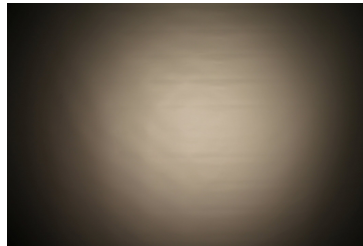


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

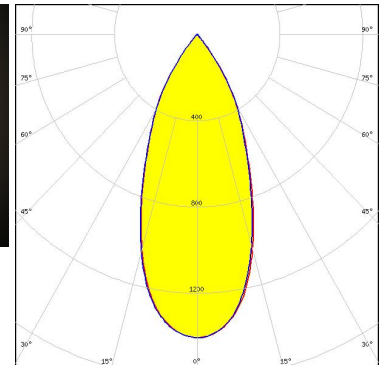
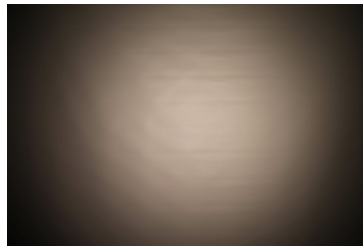
LED Fortimo SLM L13 CoB
 FWHM / FWTM 41.0° / 74.0°
 Efficiency 83 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 432 Typ L8



Light distribution files

PHILIPS

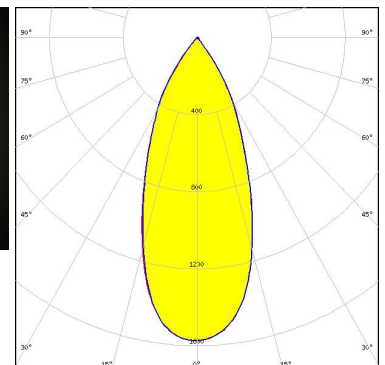
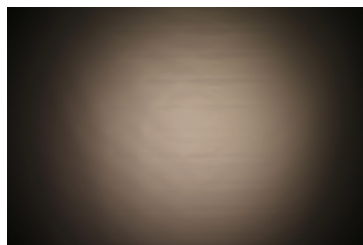
LED Fortimo SLM L15 CoB
 FWHM / FWTM 43.0° / 75.0°
 Efficiency 82 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 432 Typ L8



Light distribution files

PHILIPS

LED Fortimo SLM L15 CoB
 FWHM / FWTM 42.0° / 73.0°
 Efficiency 88 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 432 Typ L8

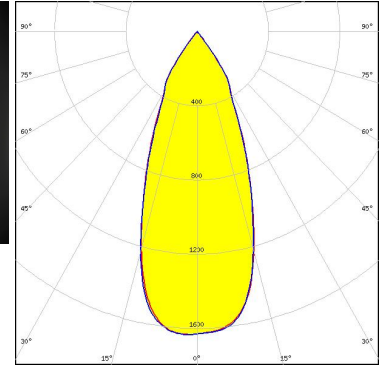


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

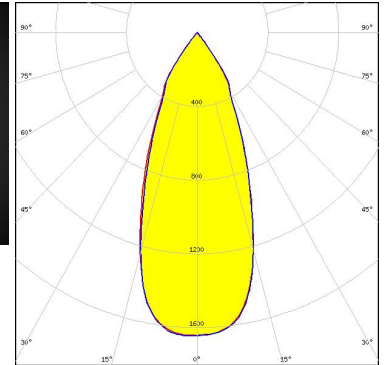
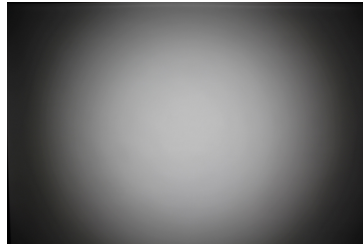
LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 41.0° / 74.0°
 Efficiency 89 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files

SAMSUNG

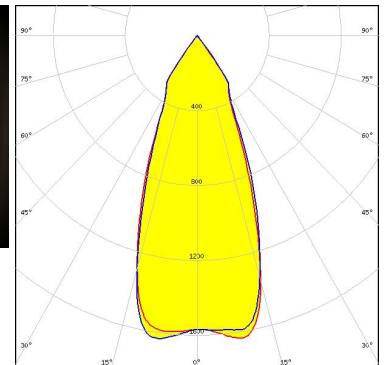
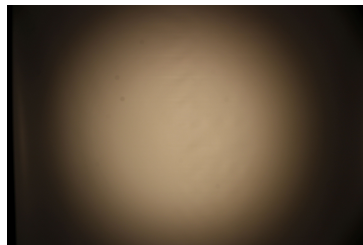
LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 41.0° / 74.0°
 Efficiency 89 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files

SAMSUNG

LED LC010C G2
 FWHM / FWTM 42.0° / 73.0°
 Efficiency 89 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C

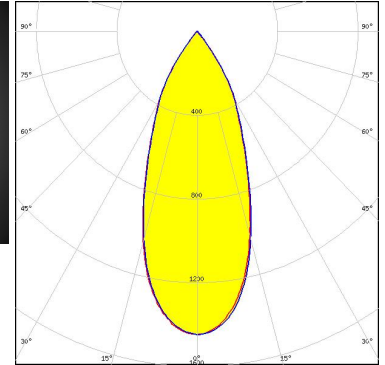


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

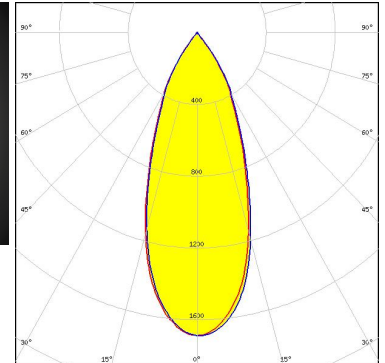
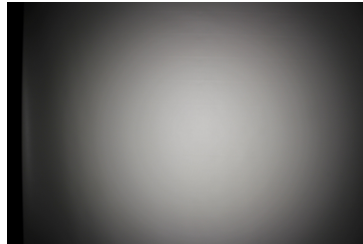
LED LC020T (Tunable white)
 FWHM / FWTM 41.0° / 74.0°
 Efficiency 80 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 501 Typ L8



Light distribution files

SAMSUNG

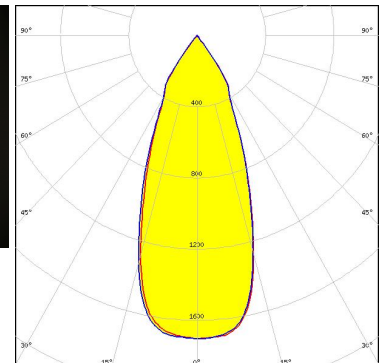
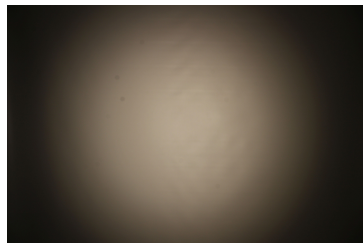
LED LC020T (Tunable white)
 FWHM / FWTM 39.0° / 72.0°
 Efficiency 85 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 501 Typ L8



Light distribution files

TRIDONIC

LED SLE G7 LES09
 FWHM / FWTM 41.0° / 73.0°
 Efficiency 92 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C

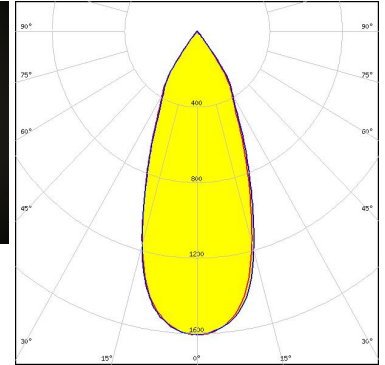


Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

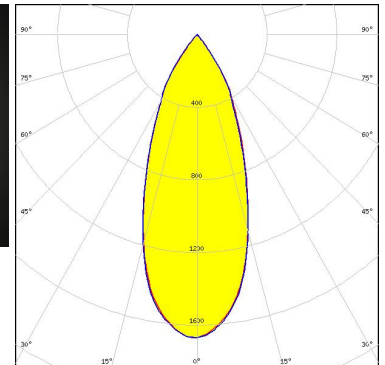
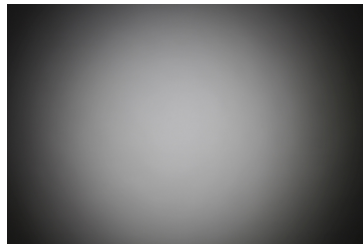
LED SLE G7 LES09
 FWHM / FWTM 41.0° / 73.0°
 Efficiency 87 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C
 C14658_BARBARA-RZ-LENS



Light distribution files

TRIDONIC

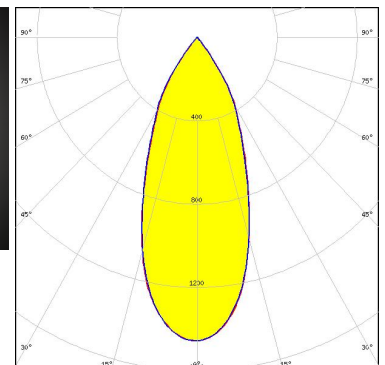
LED SLE G7 LES13
 FWHM / FWTM 40.0° / 73.0°
 Efficiency 88 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files

TRIDONIC

LED SLE G7 LES13
 FWHM / FWTM 41.0° / 74.0°
 Efficiency 82 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I
 C14658_BARBARA-RZ-LENS

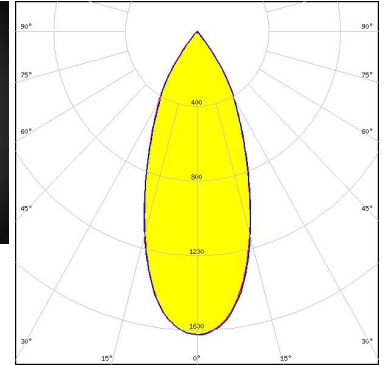


Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

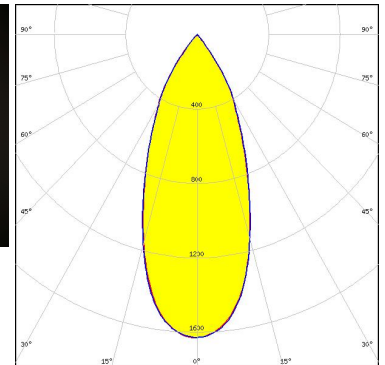
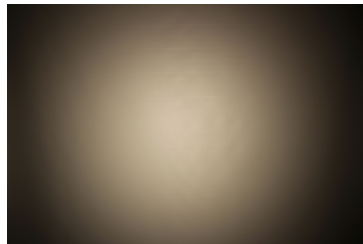
LED SLE G7 LES15
 FWHM / FWTM 41.0° / 74.0°
 Efficiency 88 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files

XICATO

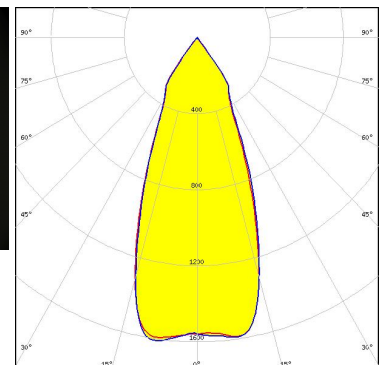
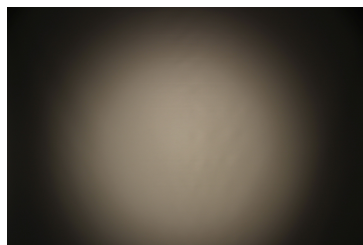
LED XOB 14.5 mm
 FWHM / FWTM 41.0° / 74.0°
 Efficiency 89 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files

XICATO

LED XOB 6 mm
 FWHM / FWTM 42.0° / 74.0°
 Efficiency 88 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C

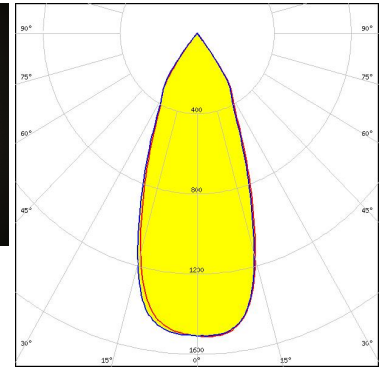
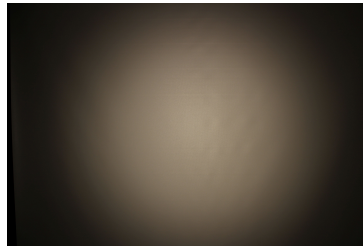


Light distribution files

OPTICAL RESULTS (MEASURED):

XICATO

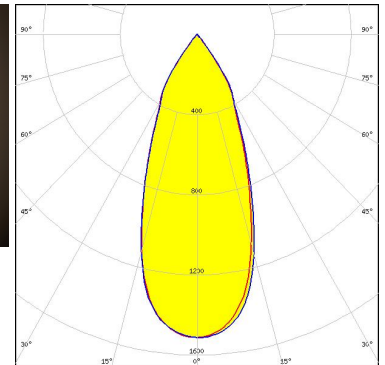
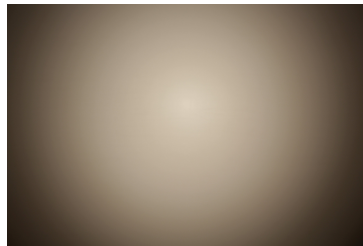
LED XOB 6 mm
 FWHM / FWTM 41.0° / 74.0°
 Efficiency 83 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C
 C14658_BARBARA-RZ-LENS



Light distribution files

XICATO

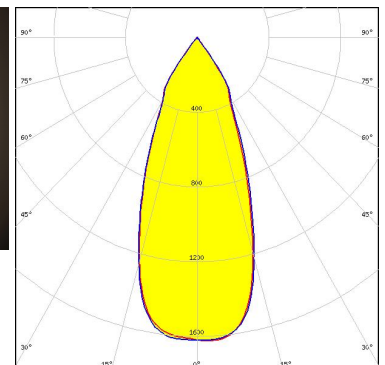
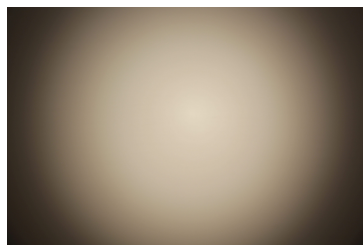
LED XOB 9.8 mm
 FWHM / FWTM 41.0° / 74.0°
 Efficiency 84 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C
 C14658_BARBARA-RZ-LENS



Light distribution files

XICATO

LED XOB 9.8 mm
 FWHM / FWTM 42.0° / 74.0°
 Efficiency 89 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C

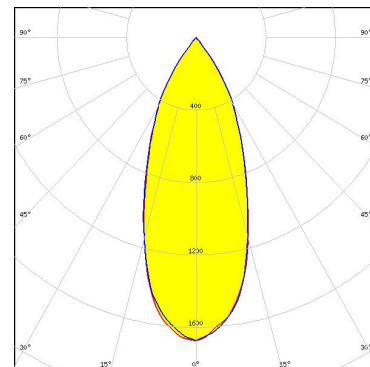


Light distribution files

OPTICAL RESULTS (SIMULATED):



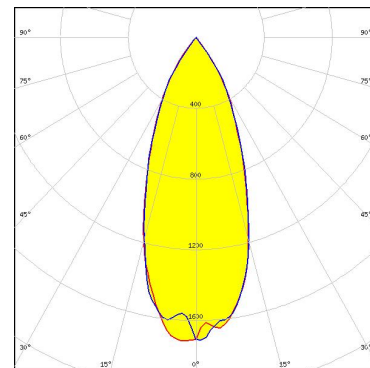
LED V13 Gen 8-9
 FWHM / FWTM 40.0° / 74.0°
 Efficiency 89 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F17438_HEKLA-G2-I



Light distribution files



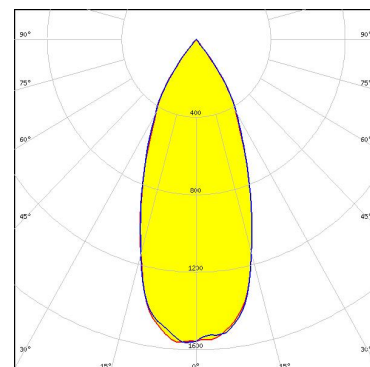
LED Vesta DTW 15mm (33W)
 FWHM / FWTM 40.0° / 72.0°
 Efficiency 88 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files



LED COB L-Type (LES 11)
 FWHM / FWTM 42.0° / 75.0°
 Efficiency 90 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H

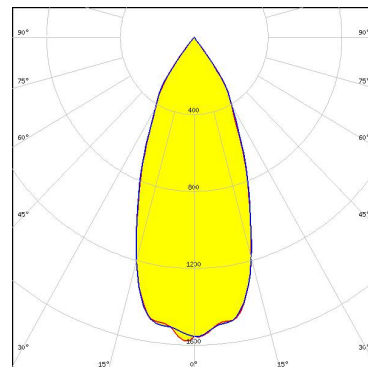


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED	COB L-Type (LES 9)
FWHM / FWTM	43.0° / 74.0°
Efficiency	90 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
F15858_HEKLA-SOCKET-H	



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.

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