



**THE DATASHEET OF
F16002_MIRELLA-G2-WW**



MIRELLA-G2-WW

~50° wide beam compatible with LEDiL HEKLA

SPECIFICATION:

Dimensions	Ø 49.9
Height	22.6 mm
Fastening	socket
ROHS compliant	yes ⓘ

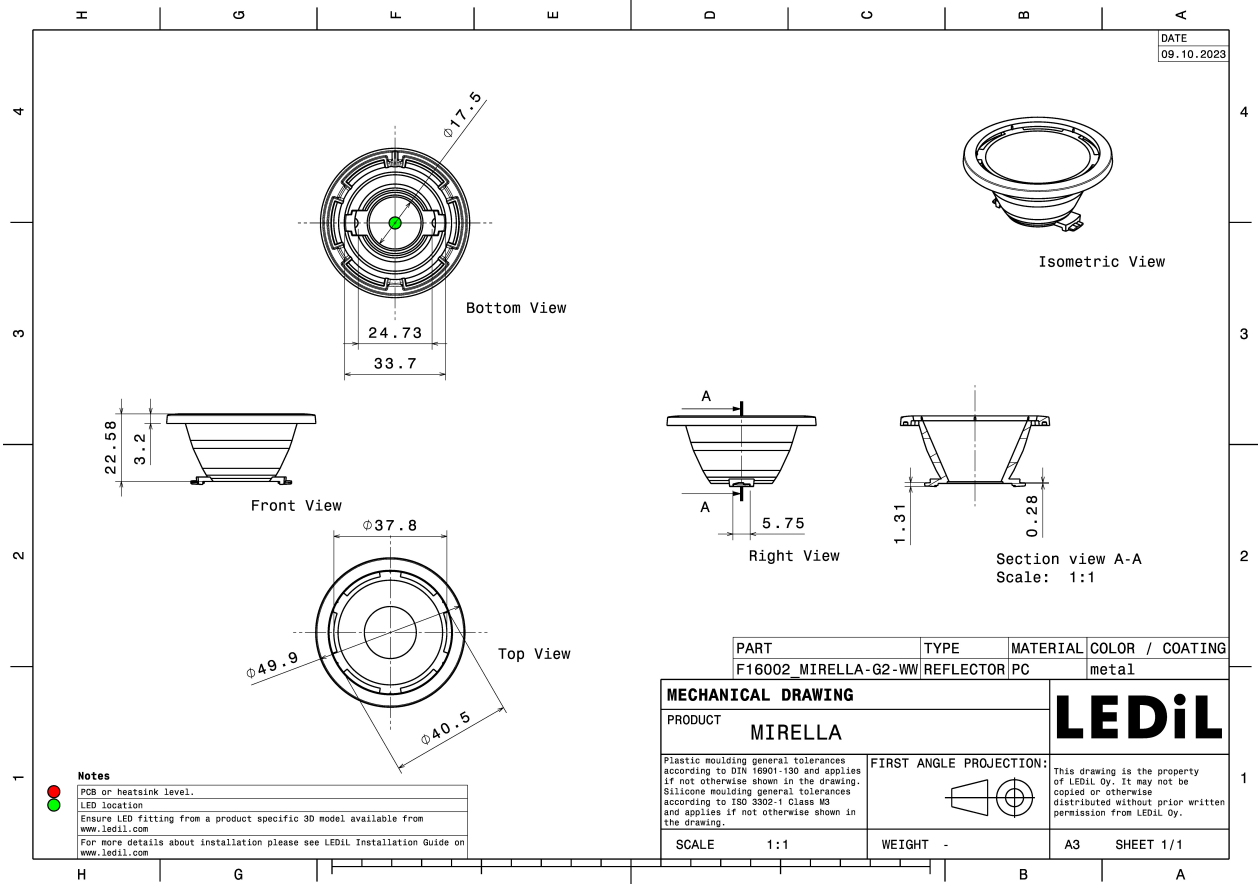
MATERIALS:

Component	Type	Material	Colour	Finish	Coating
MIRELLA-G2-WW	Reflector	PC	metal	gloss	HMDS



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16002_MIRELLA-G2-WW » Box size: 480 x 280 x 300 mm	336		28	3.7



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

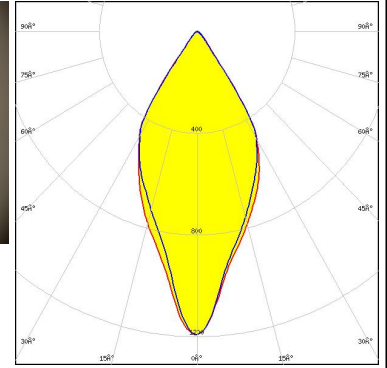
OPTICAL RESULTS (MEASURED):



LED V4 HD Gen 7
 FWHM / FWTM 49.0° / 75.0°
 Efficiency 79 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

F15253_HEKLA-SOCKET-A
 C13333_MIRELLA-CL



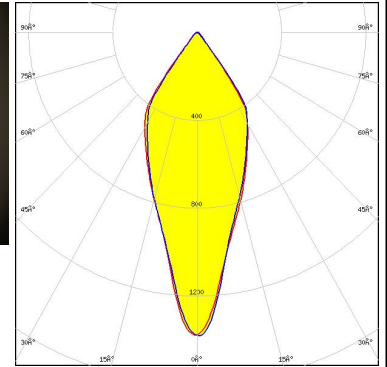
Light distribution files



LED V4 HD Gen 7
 FWHM / FWTM 38.0° / 78.0°
 Efficiency 85 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

F15253_HEKLA-SOCKET-A



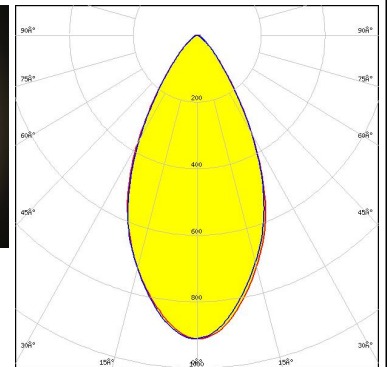
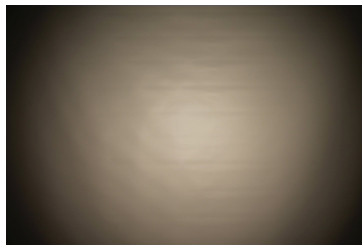
Light distribution files



LED V4 HD Gen 7
 FWHM / FWTM 53.0° / 88.0°
 Efficiency 77 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

F15253_HEKLA-SOCKET-A
 C13723_MIRELLA-RZL

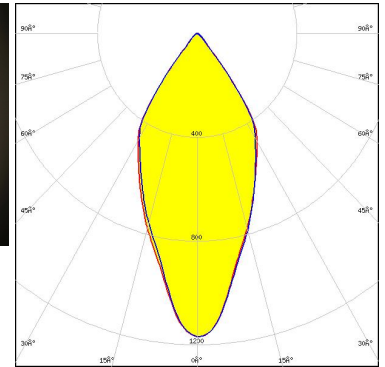


Light distribution files

OPTICAL RESULTS (MEASURED):



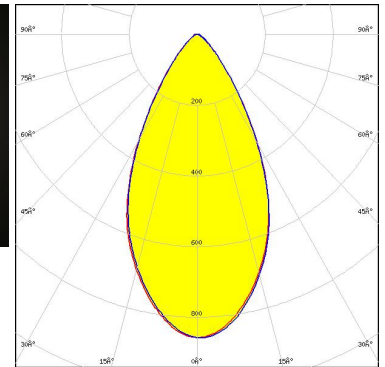
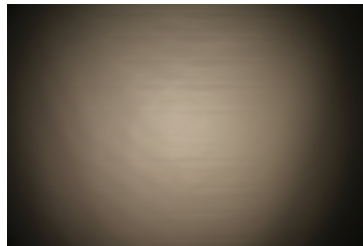
LED V6 HD Gen 7
 FWHM / FWTM 47.0° / 80.0°
 Efficiency 83 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



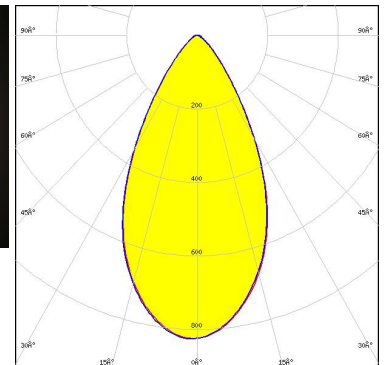
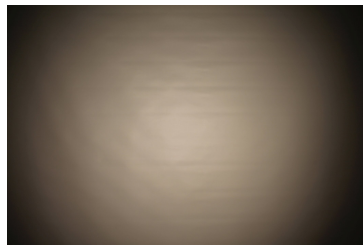
LED V6 HD Gen 7
 FWHM / FWTM 54.0° / 89.0°
 Efficiency 75 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C
 C13723_MIRELLA-RZL



Light distribution files



LED V9 HD Gen7
 FWHM / FWTM 55.0° / 89.0°
 Efficiency 74 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I
 C13723_MIRELLA-RZL

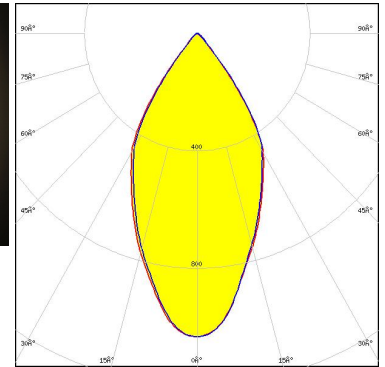
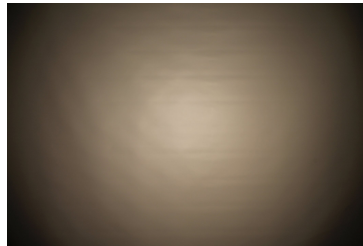


Light distribution files

OPTICAL RESULTS (MEASURED):



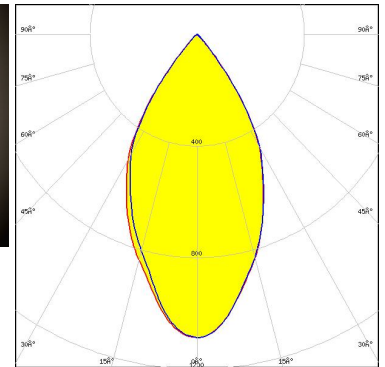
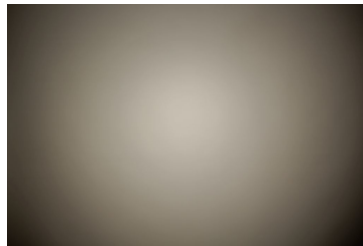
LED V9 HD Gen7
FWHM / FWTM 53.0° / 82.0°
Efficiency 81 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files



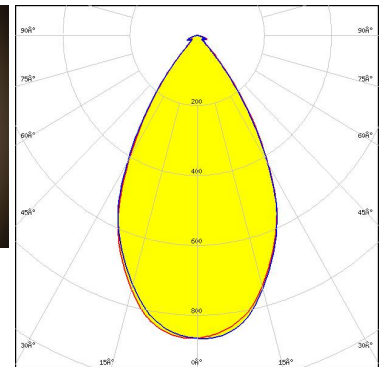
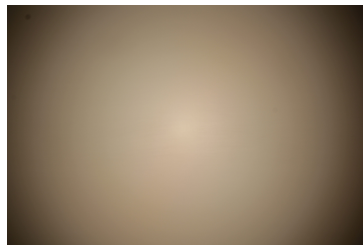
LED VERO10
FWHM / FWTM 55.0° / 82.0°
Efficiency 85 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15616_HEKLA-SOCKET-F



Light distribution files



LED Vesta DTW 13mm (21W)
FWHM / FWTM 59.0° / 84.0°
Efficiency 81 %
Peak intensity 0.9 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

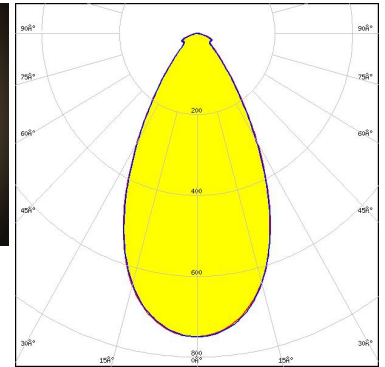
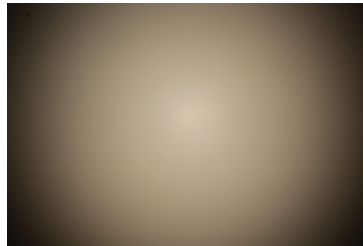
OPTICAL RESULTS (MEASURED):



LED Vesta DTW 13mm (21W)
 FWHM / FWTM 54.0° / 91.0°
 Efficiency 73 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White

Required components:

- C16142_HEKLA-SOCKET-K
- C13723_MIRELLA-RZL
- Bender Wirth: 491 Typ L8



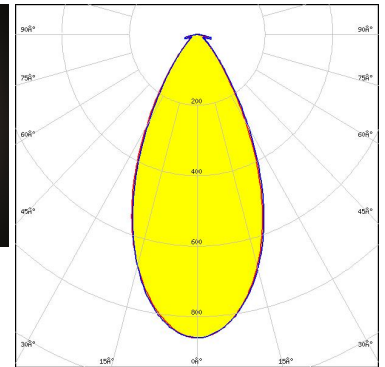
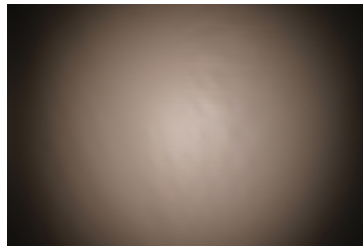
Light distribution files



LED Vesta DTW 9mm (4W/6W/12W)
 FWHM / FWTM 50.0° / 85.0°
 Efficiency 71 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White

Required components:

- C16142_HEKLA-SOCKET-K
- C13723_MIRELLA-RZL
- Bender Wirth: 490 Typ L8



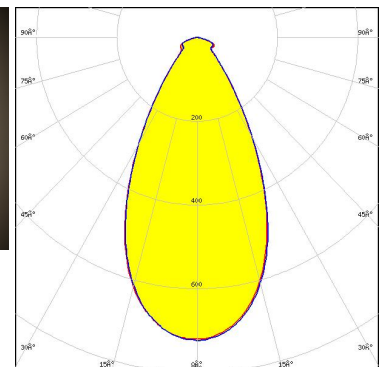
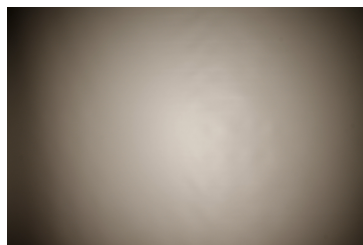
Light distribution files



LED Vesta TW 13mm (25W) CSP
 FWHM / FWTM 53.0° / 90.0°
 Efficiency 69 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White

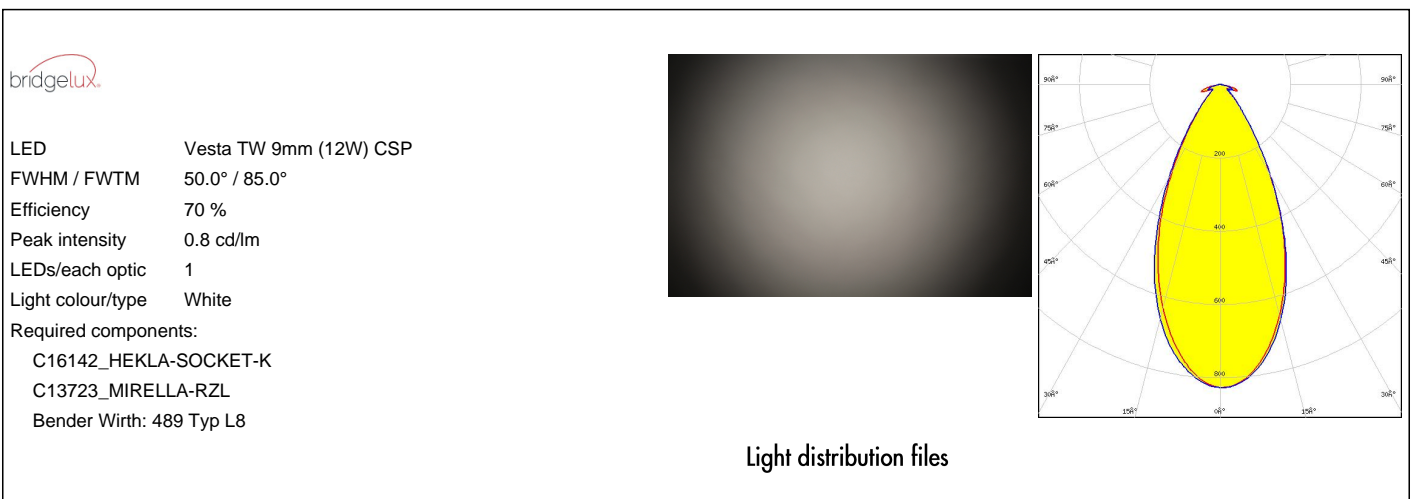
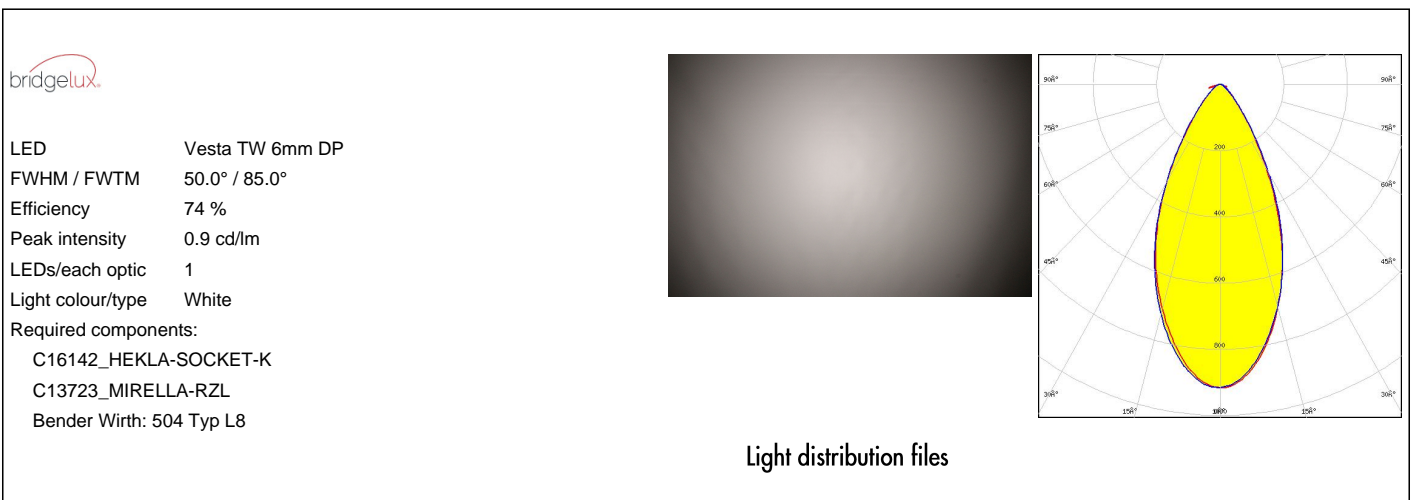
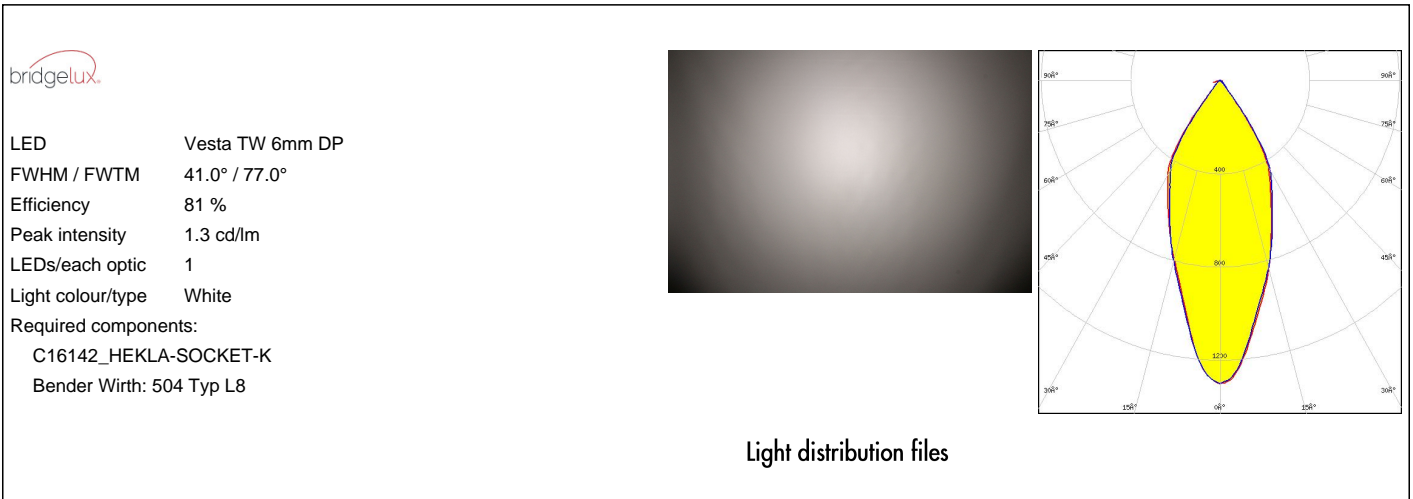
Required components:

- C16142_HEKLA-SOCKET-K
- C13723_MIRELLA-RZL
- Bender Wirth: 492 Typ L8



Light distribution files

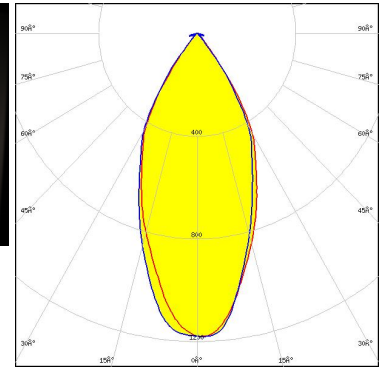
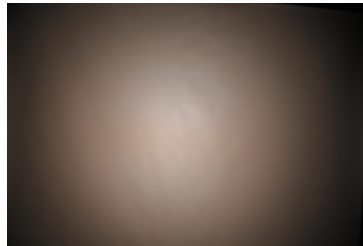
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):



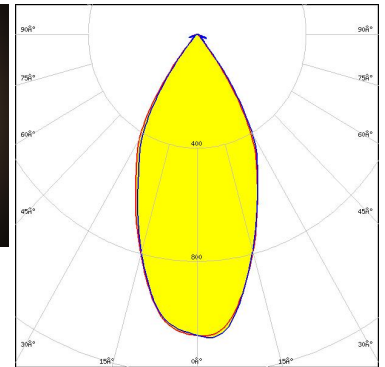
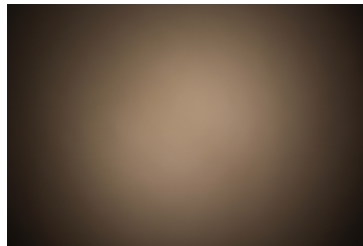
LED Vesta TW 9mm (12W) CSP
FWHM / FWTM 46.0° / 77.0°
Efficiency 77 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 490 Typ L8



Light distribution files

CITIZEN

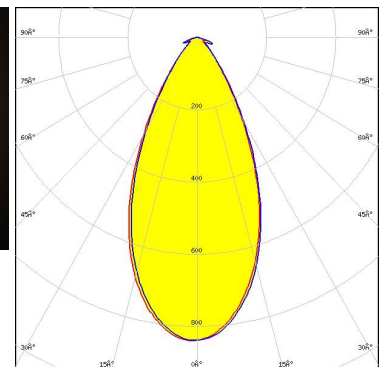
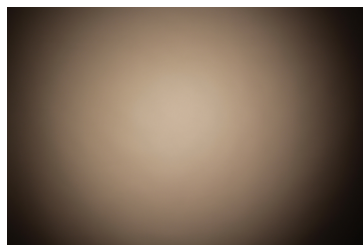
LED CLC020 Series (Dim-To-Warm)
FWHM / FWTM 49.0° / 78.0°
Efficiency 77 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files

CITIZEN

LED CLC020 Series (Dim-To-Warm)
FWHM / FWTM 50.0° / 85.0°
Efficiency 70 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C16142_HEKLA-SOCKET-K
 C13723_MIRELLA-RZL
 Bender Wirth: 487 Typ L8

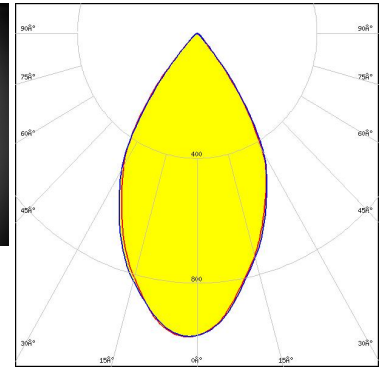


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

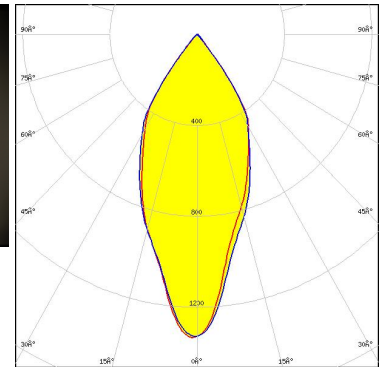
LED CLU02x (LES10)
 FWHM / FWTM 59.0° / 83.0°
 Efficiency 82 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files

CITIZEN

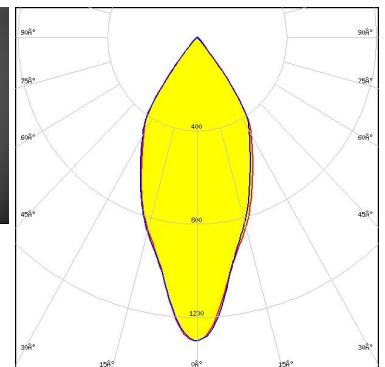
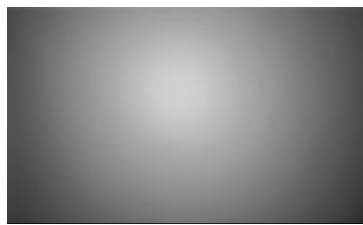
LED CLU700/701/702/703
 FWHM / FWTM 44.0° / 79.0°
 Efficiency 85 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C
 C13723_MIRELLA-RZL



Light distribution files

CITIZEN

LED CLU700/701/702/703
 FWHM / FWTM 45.0° / 79.0°
 Efficiency 85 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C

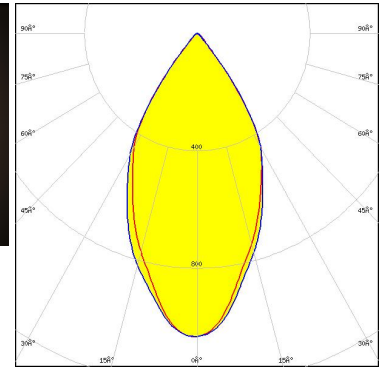
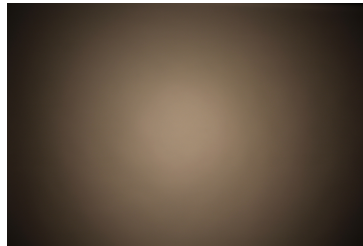


Light distribution files

OPTICAL RESULTS (MEASURED):

CITIZEN

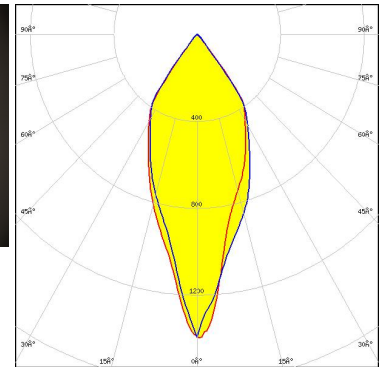
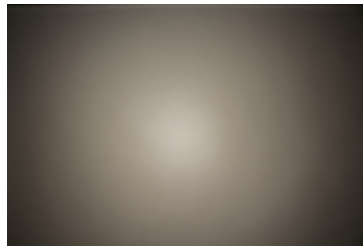
LED CLU710/711
 FWHM / FWTM 53.0° / 81.0°
 Efficiency 80 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files

CITIZEN

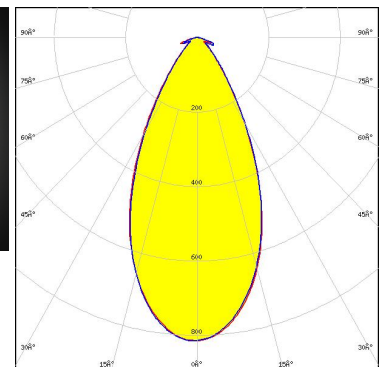
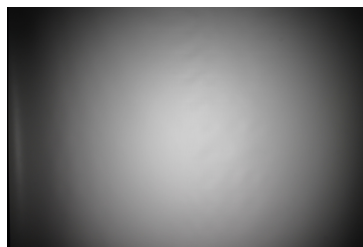
LED CLU7A2/7A3
 FWHM / FWTM 38.0° / 77.0°
 Efficiency 83 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files

CITIZEN

LED LCN-C01B (Tunable White)
 FWHM / FWTM 50.0° / 86.0°
 Efficiency 70 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 C13723_MIRELLA-RZL
 Bender Wirth: 481 Typ L8

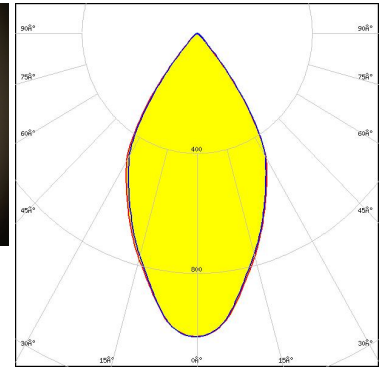
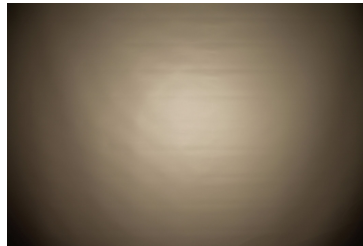


Light distribution files

OPTICAL RESULTS (MEASURED):



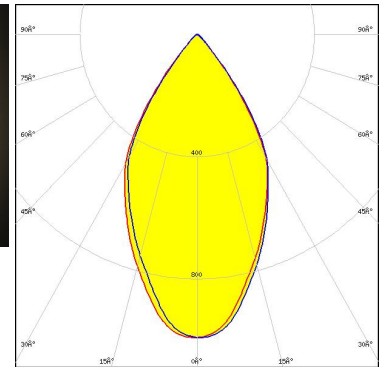
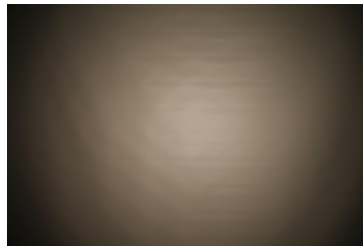
LED CMA1516
 FWHM / FWTM 57.0° / 83.0°
 Efficiency 84 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15256_HEKLA-SOCKET-D



Light distribution files



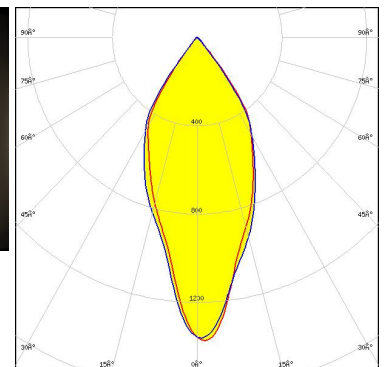
LED CMT14xx
 FWHM / FWTM 58.0° / 83.0°
 Efficiency 83 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



LED CXA/B 13xx
 FWHM / FWTM 43.0° / 78.0°
 Efficiency 86 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15956_HEKLA-SOCKET-J

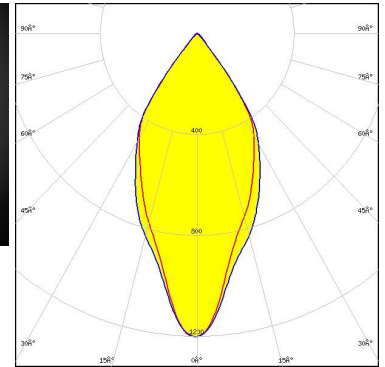
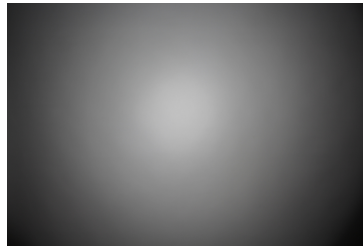


Light distribution files

OPTICAL RESULTS (MEASURED):



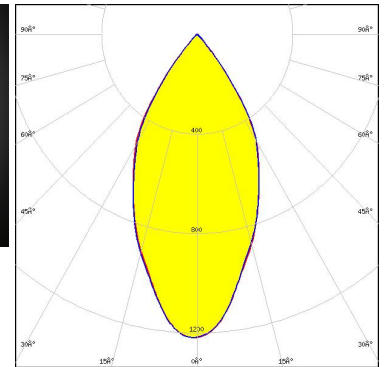
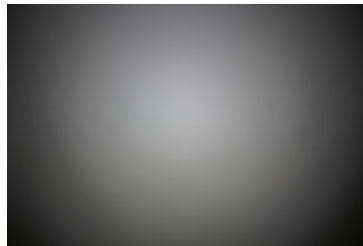
LED CXA/B 13xx
 FWHM / FWTM 48.0° / 80.0°
 Efficiency 84 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15956_HEKLA-SOCKET-J



Light distribution files



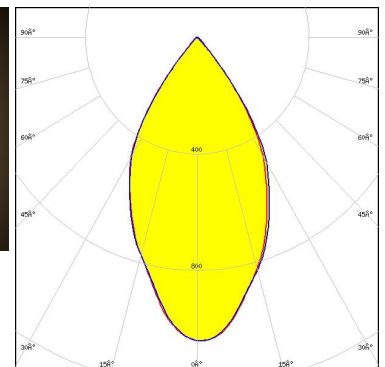
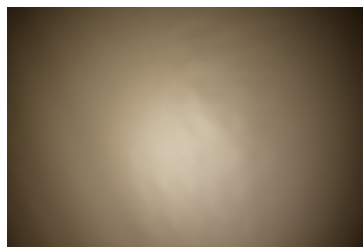
LED CXA/B 15xx
 FWHM / FWTM 51.0° / 81.0°
 Efficiency 89 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15256_HEKLA-SOCKET-D



Light distribution files



LED LUXEON CoB 1202/1203
 FWHM / FWTM 56.0° / 82.0°
 Efficiency 83 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H

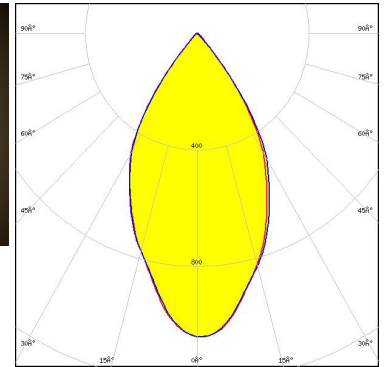
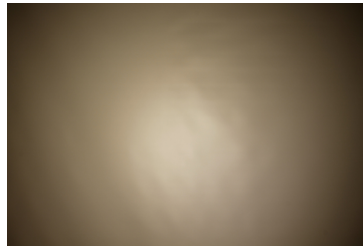


Light distribution files

OPTICAL RESULTS (MEASURED):



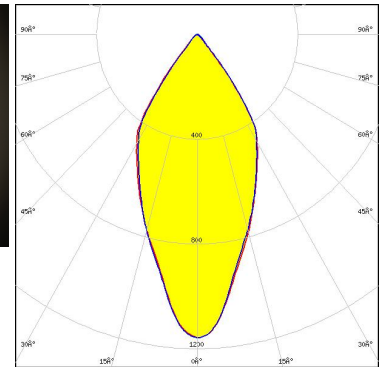
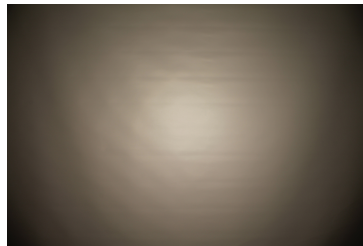
LED LUXEON CoB 1202/1203
FWHM / FWTM 56.0° / 82.0°
Efficiency 83 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15858_HEKLA-SOCKET-H
C12479_MIRELLA-DL



Light distribution files



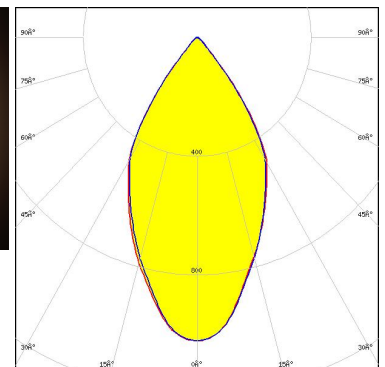
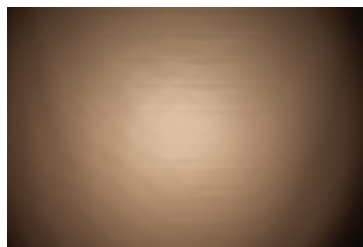
LED LUXEON CoB 1202HD
FWHM / FWTM 48.0° / 80.0°
Efficiency 83 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15848_HEKLA-SOCKET-G



Light distribution files



LED LUXEON CoB 1204HD
FWHM / FWTM 56.0° / 83.0°
Efficiency 84 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15858_HEKLA-SOCKET-H

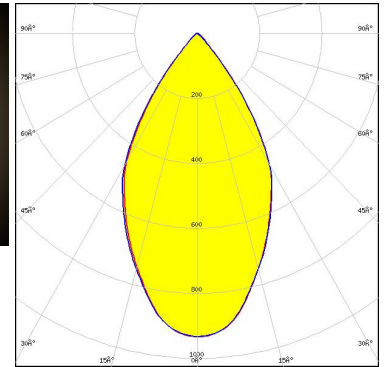
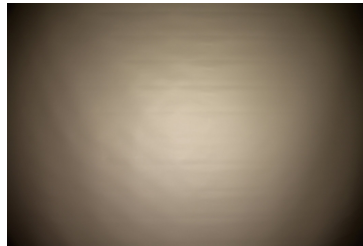


Light distribution files

OPTICAL RESULTS (MEASURED):



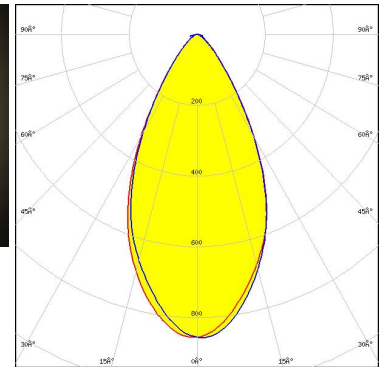
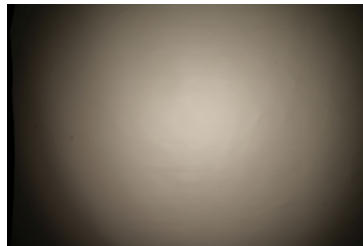
LED LUXEON CoB 1205HD
 FWHM / FWTM 59.0° / 85.0°
 Efficiency 81 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H



Light distribution files



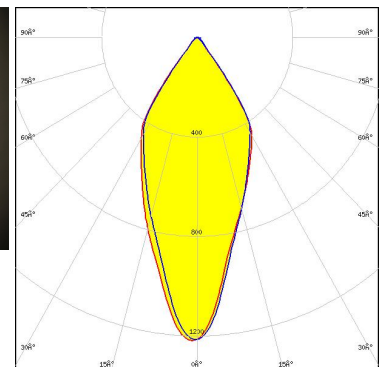
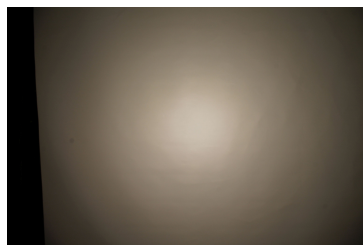
LED LUXEON CX Plus CoB - HD S01H4
 FWHM / FWTM 53.0 + 52.0° / 88.0°
 Efficiency 73 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C13723_MIRELLA-RZL
 Bender Wirth: 634c Hekla



Light distribution files



LED LUXEON CX Plus CoB - HD S01H4
 FWHM / FWTM 42.0° / 78.0°
 Efficiency 79 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 634c Hekla

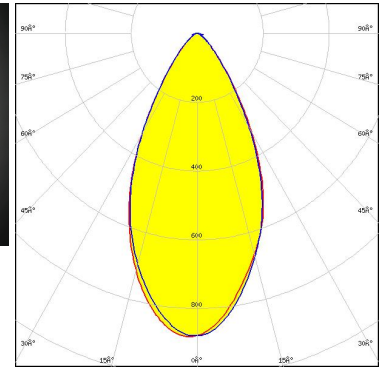
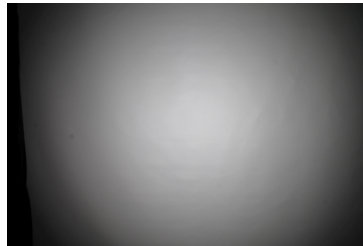


Light distribution files

OPTICAL RESULTS (MEASURED):



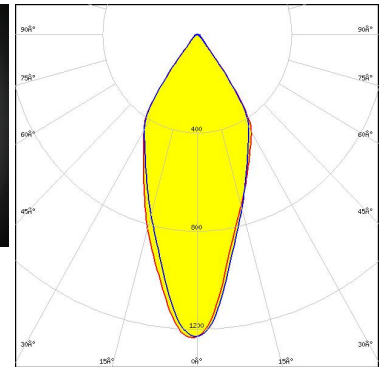
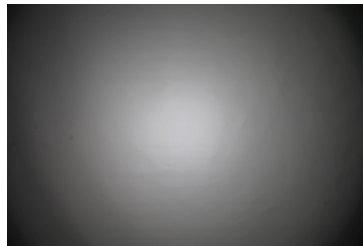
LED LUXEON CX Plus CoB - HD S02H6
 FWHM / FWTM 52.0° / 87.0°
 Efficiency 73 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C13723_MIRELLA-RZL
 Bender Wirth: 634c Hekla



Light distribution files



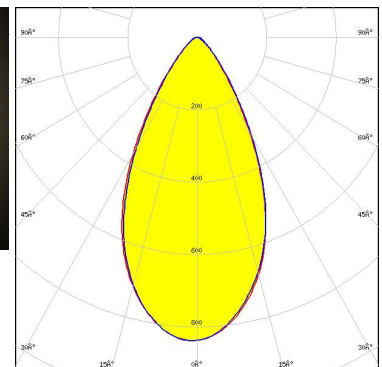
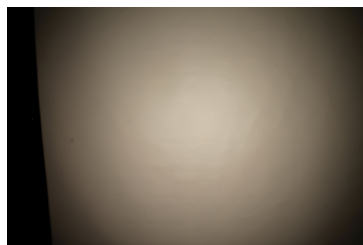
LED LUXEON CX Plus CoB - HD S02H6
 FWHM / FWTM 42.0° / 78.0°
 Efficiency 79 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 634c Hekla



Light distribution files



LED LUXEON CX Plus CoB - HD S04H9
 FWHM / FWTM 54.0° / 89.0°
 Efficiency 74 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C13723_MIRELLA-RZL
 Bender Wirth: 634c Hekla

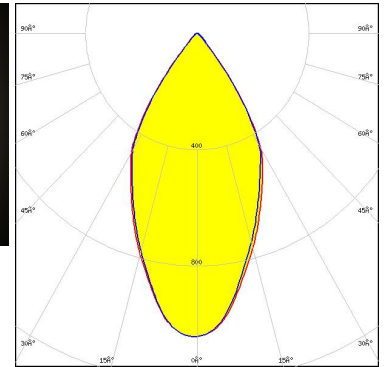
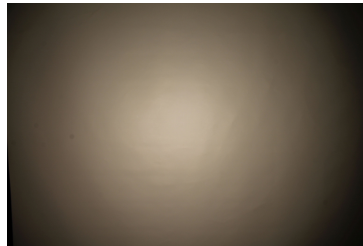


Light distribution files

OPTICAL RESULTS (MEASURED):



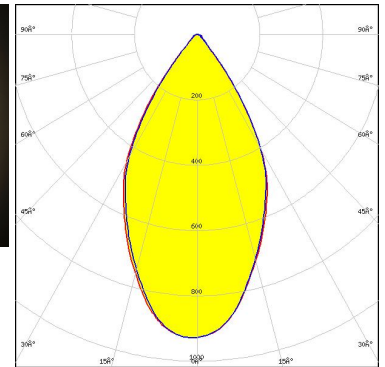
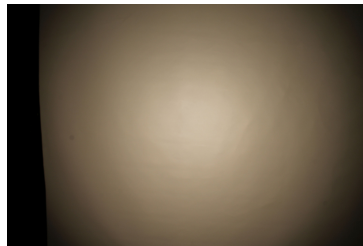
LED LUXEON CX Plus CoB - HD S04H9
 FWHM / FWTM 53.0° / 81.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 634c Hekla



Light distribution files



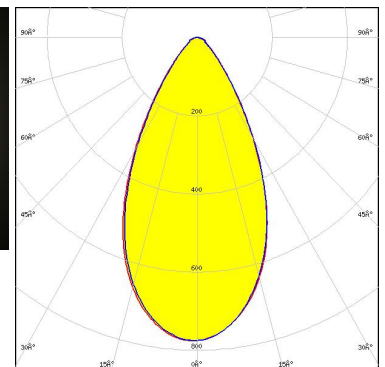
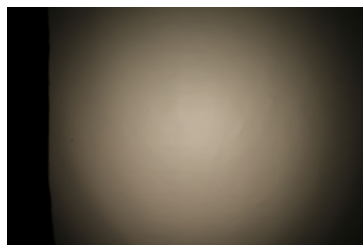
LED LUXEON CX Plus CoB L04 / L05 (Gen2)
 FWHM / FWTM 58.0° / 83.0°
 Efficiency 78 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 637a Hekla



Light distribution files



LED LUXEON CX Plus CoB L04 / L05 (Gen2)
 FWHM / FWTM 54.0° / 91.0°
 Efficiency 71 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C13723_MIRELLA-RZL
 Bender Wirth: 637a Hekla

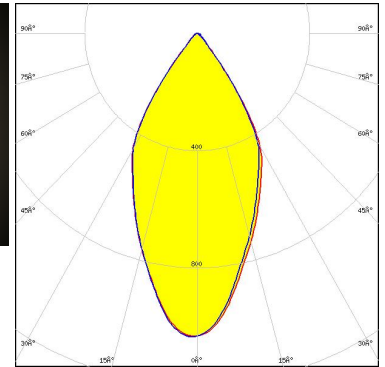
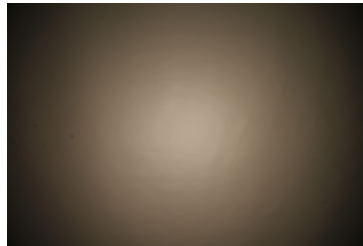


Light distribution files

OPTICAL RESULTS (MEASURED):



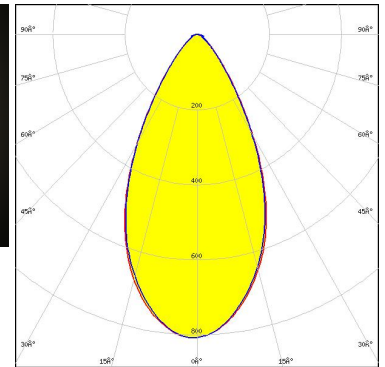
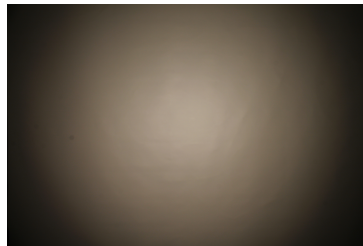
LED LUXEON CX Plus CoB M02 / M03 (Gen2)
 FWHM / FWTM 52.0° / 81.0°
 Efficiency 79 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 641a Hekla



Light distribution files



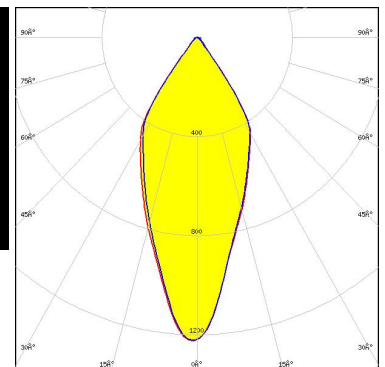
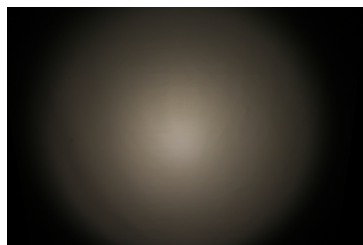
LED LUXEON CX Plus CoB M02 / M03 (Gen2)
 FWHM / FWTM 53.0° / 89.0°
 Efficiency 71 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C13723_MIRELLA-RZL
 Bender Wirth: 641a Hekla



Light distribution files



LED LUXEON CX Plus CoB S01 (Gen2)
 FWHM / FWTM 42.0° / 78.0°
 Efficiency 80 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 Bender Wirth: 634c Hekla

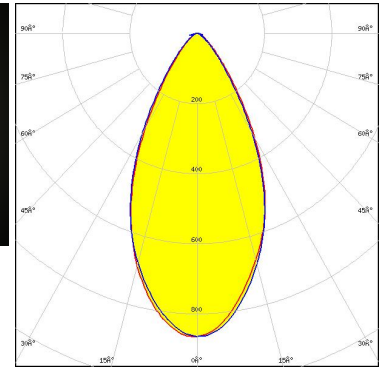
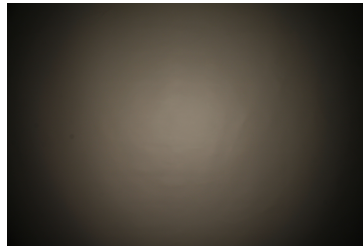


Light distribution files

OPTICAL RESULTS (MEASURED):



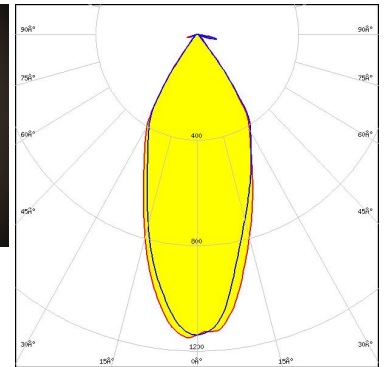
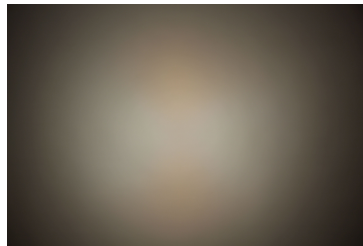
LED LUXEON CX Plus CoB S01 (Gen2)
FWHM / FWTM 52.0° / 87.0°
Efficiency 72 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C13723_MIRELLA-RZL
 Bender Wirth: 634c Hekla



Light distribution files



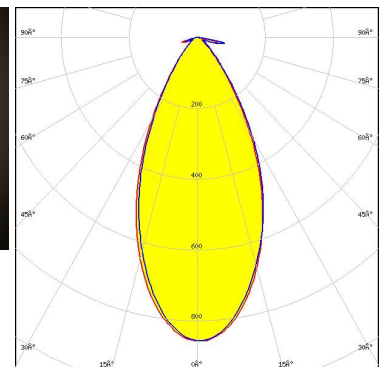
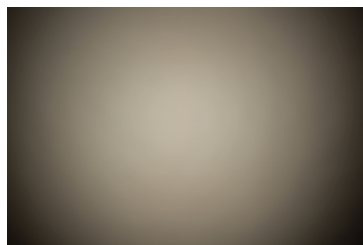
LED CDM-6 (Dim-To-Warm)
FWHM / FWTM 43.0° / 77.0°
Efficiency 77 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 490 Typ L8



Light distribution files



LED CDM-6 (Dim-To-Warm)
FWHM / FWTM 49.0° / 85.0°
Efficiency 70 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C16142_HEKLA-SOCKET-K
 C13723_MIRELLA-RZL
 Bender Wirth: 490 Typ L8

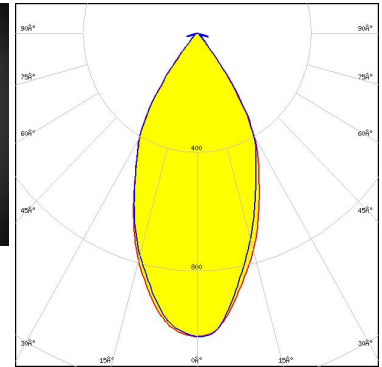
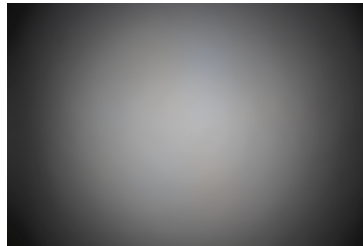


Light distribution files

OPTICAL RESULTS (MEASURED):



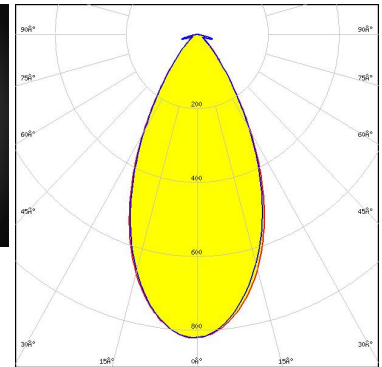
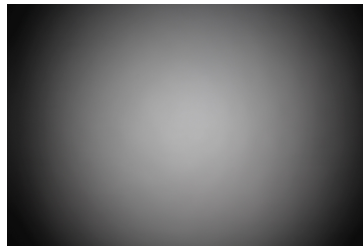
LED CDM-9 (Dim-To-Warm)
 FWHM / FWTM 49.0° / 79.0°
 Efficiency 76 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 490 Typ L8



Light distribution files



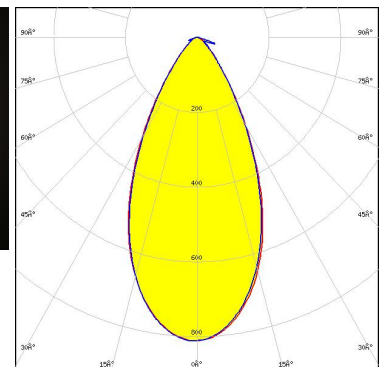
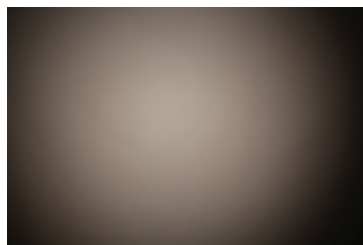
LED CDM-9 (Dim-To-Warm)
 FWHM / FWTM 51.0° / 86.0°
 Efficiency 70 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 C13723_MIRELLA-RZL
 Bender Wirth: 490 Typ L8



Light distribution files



LED CTM-9 (Tunable White)
 FWHM / FWTM 51.0° / 86.0°
 Efficiency 68 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 C13723_MIRELLA-RZL
 Bender Wirth: 495 Typ L8

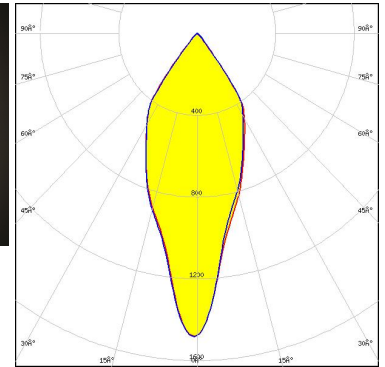
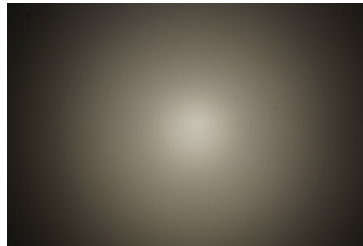


Light distribution files

OPTICAL RESULTS (MEASURED):



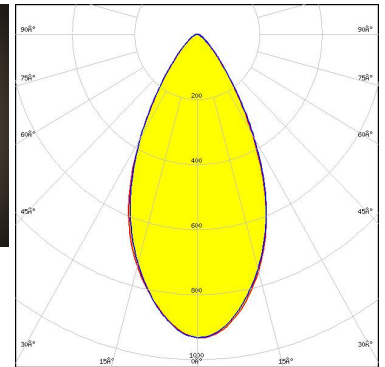
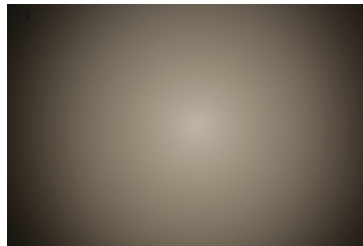
LED CXM-4
FWHM / FWTM 38.0° / 78.0°
Efficiency 87 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files



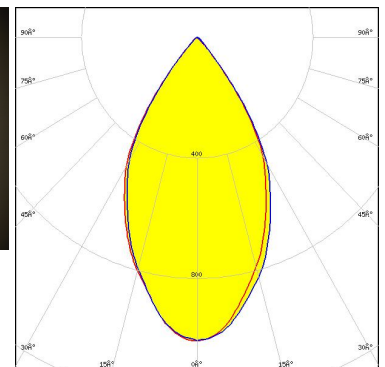
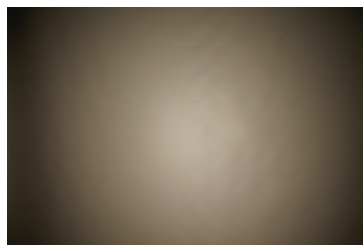
LED CXM-4
FWHM / FWTM 53.0° / 88.0°
Efficiency 80 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15255_HEKLA-SOCKET-C
 C13723_MIRELLA-RZL



Light distribution files



LED CxM-9 (13.5x13.5)
FWHM / FWTM 57.0° / 82.0°
Efficiency 82 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15255_HEKLA-SOCKET-C

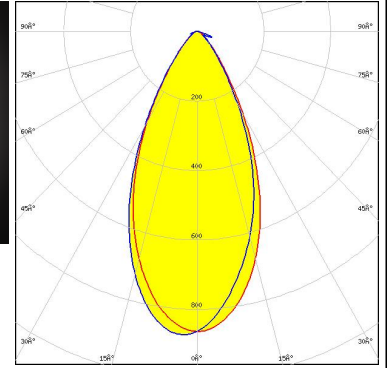
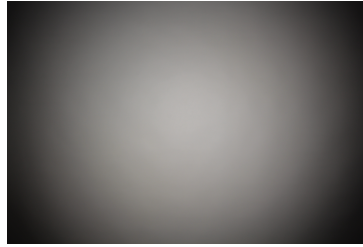


Light distribution files

OPTICAL RESULTS (MEASURED):



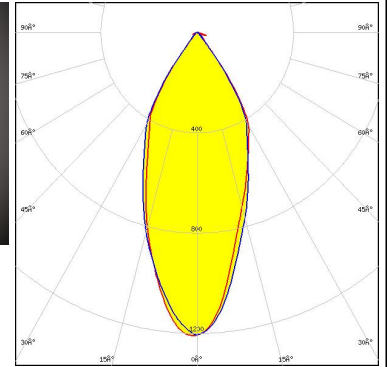
LED NJCWL024Z-V1MT: COB L-Type Tunable White
 FWHM / FWTM 49.0° / 84.0°
 Efficiency 69 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 C13723_MIRELLA-RZL
 Bender Wirth: 497 Typ L8



Light distribution files



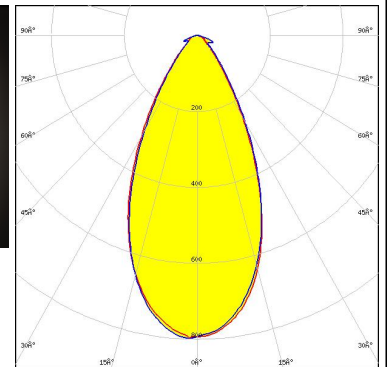
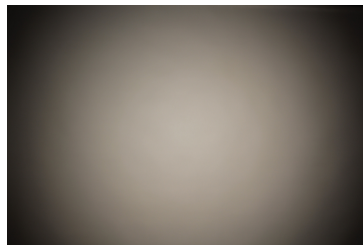
LED NJCWL024Z-V1MT: COB L-Type Tunable White
 FWHM / FWTM 42.0° / 76.0°
 Efficiency 76 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 497 Typ L8



Light distribution files



LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 FWHM / FWTM 51.0° / 86.0°
 Efficiency 69 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 C13723_MIRELLA-RZL
 Bender Wirth: 498 Typ L8


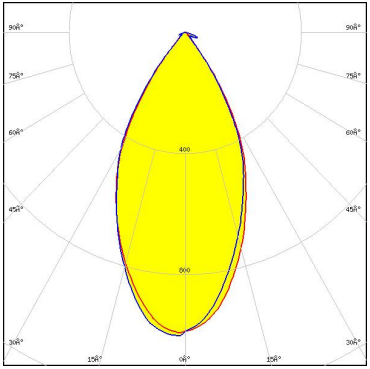


Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA


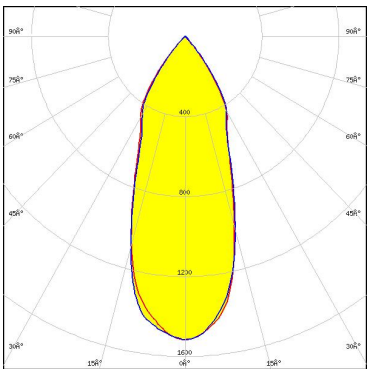
LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 FWHM / FWTM 52.0° / 79.0°
 Efficiency 77 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 498 Typ L8

Light distribution files

OSRAM
 Opto Semiconductors

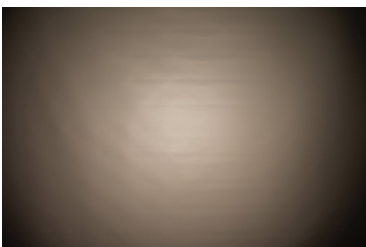
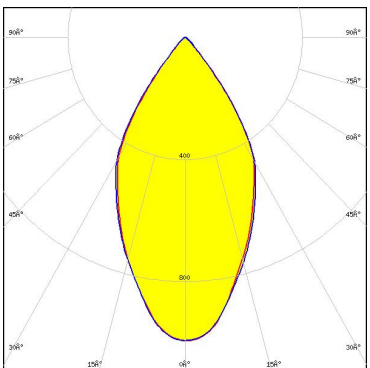
LED Soleriq S9
 FWHM / FWTM 39.0° / 80.0°
 Efficiency 91 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C

Light distribution files

PHILIPS

LED Fortimo SLM L09 CoB
 FWHM / FWTM 57.0° / 83.0°
 Efficiency 82 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15858_HEKLA-SOCKET-H

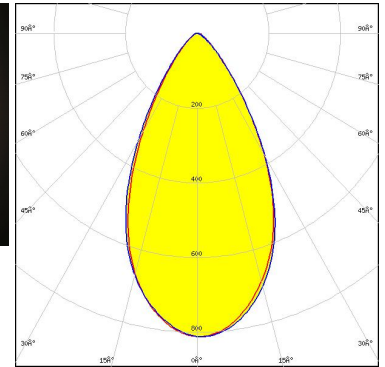
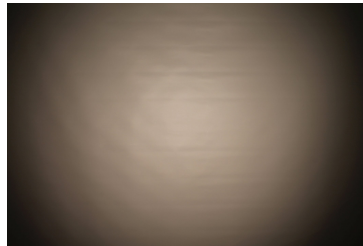



Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

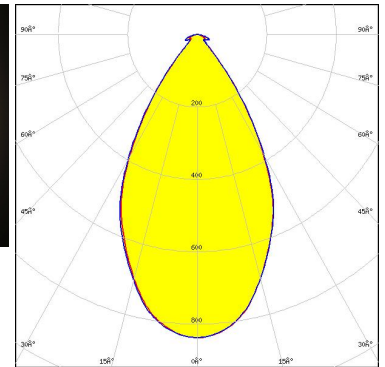
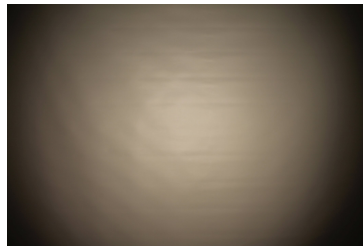
LED Fortimo SLM L09 CoB
FWHM / FWTM 55.0° / 90.0°
Efficiency 74 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15858_HEKLA-SOCKET-H
C13723_MIRELLA-RZL



Light distribution files

PHILIPS

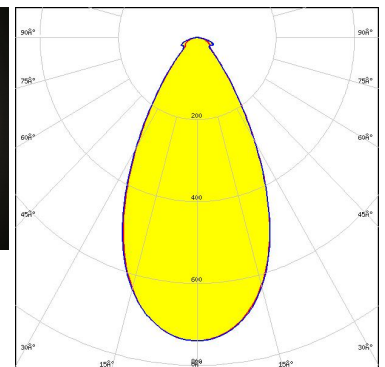
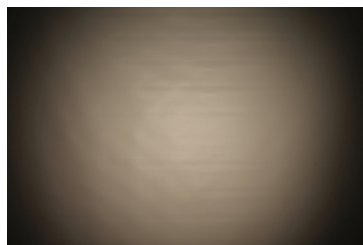
LED Fortimo SLM L13 CoB
FWHM / FWTM 58.0° / 84.0°
Efficiency 77 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C16142_HEKLA-SOCKET-K
Bender Wirth: 432 Typ L8



Light distribution files

PHILIPS

LED Fortimo SLM L13 CoB
FWHM / FWTM 54.0° / 90.0°
Efficiency 71 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C16142_HEKLA-SOCKET-K
C13723_MIRELLA-RZL
Bender Wirth: 432 Typ L8



Light distribution files

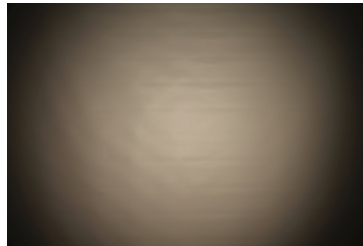
OPTICAL RESULTS (MEASURED):

PHILIPS

LED Fortimo SLM L13 CoB
FWHM / FWTM 54.0° / 90.0°
Efficiency 71 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C16142_HEKLA-SOCKET-K
C13723_MIRELLA-RZL
Bender Wirth: 432 Typ L8



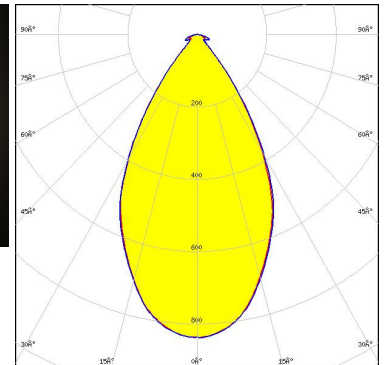
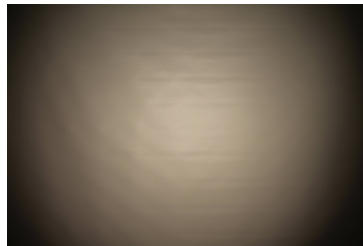
Light distribution files

PHILIPS

LED Fortimo SLM L13 CoB
FWHM / FWTM 58.0° / 84.0°
Efficiency 77 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C16142_HEKLA-SOCKET-K
Bender Wirth: 432 Typ L8



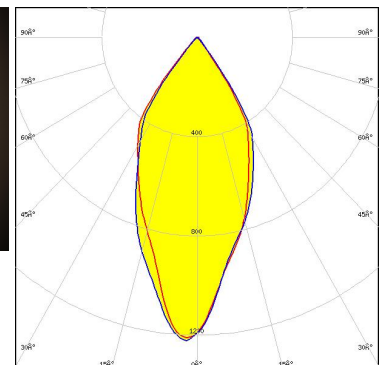
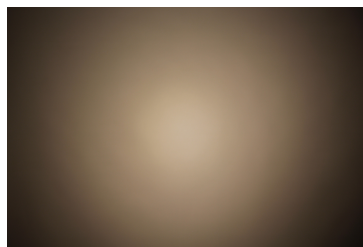
Light distribution files

SAMSUNG

LED LC010C G2
FWHM / FWTM 45.0° / 79.0°
Efficiency 82 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

F15255_HEKLA-SOCKET-C

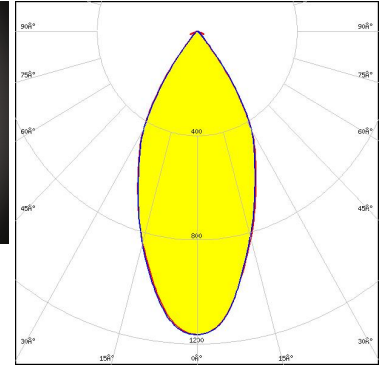


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

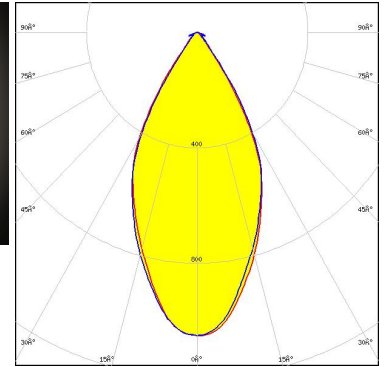
LED LC010T (Tunable White)
 FWHM / FWTM 48.0° / 79.0°
 Efficiency 82 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 501 Typ L8



Light distribution files

SAMSUNG

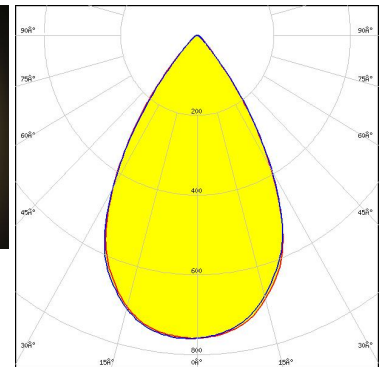
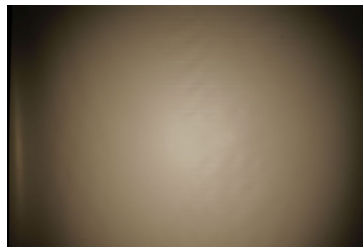
LED LC010T (Tunable White)
 FWHM / FWTM 52.0° / 76.0°
 Efficiency 78 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:
 C16142_HEKLA-SOCKET-K
 C14658_BARBARA-RZ-LENS
 Bender Wirth: 501 Typ L8



Light distribution files

SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 62.0° / 86.0°
 Efficiency 75 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I
 C13333_MIRELLA-CL

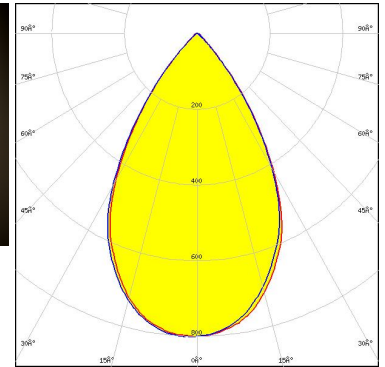


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

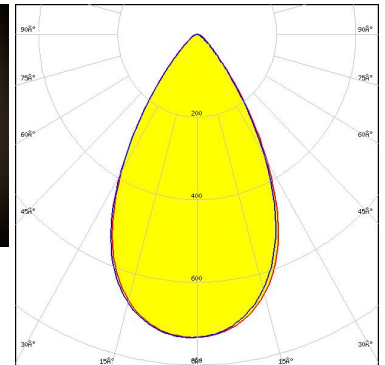
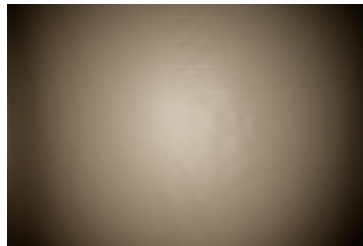
LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 62.0° / 88.0°
 Efficiency 79 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files

SAMSUNG

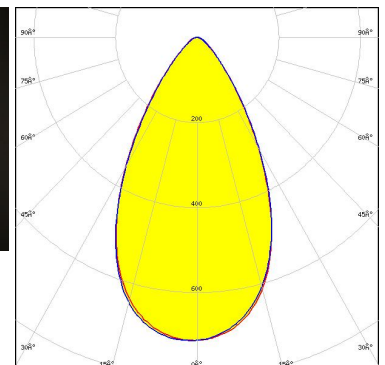
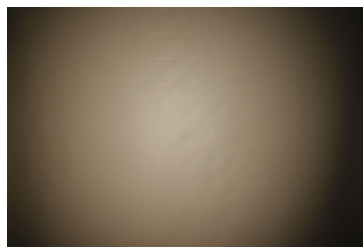
LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 60.0° / 90.0°
 Efficiency 73 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I
 C12479_MIRELLA-DL



Light distribution files

SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 57.0° / 94.0°
 Efficiency 71 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I
 C13723_MIRELLA-RZL

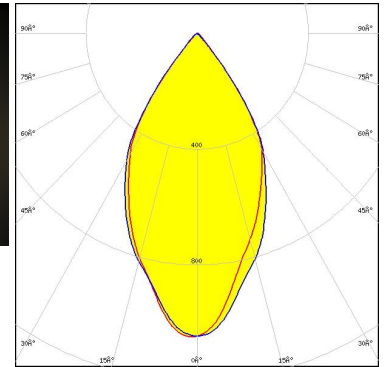


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

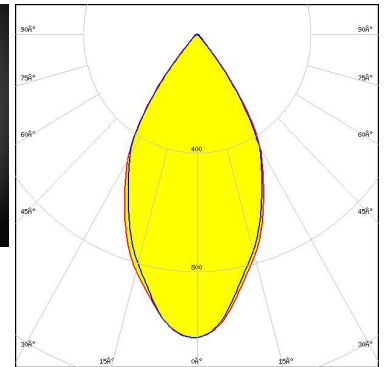
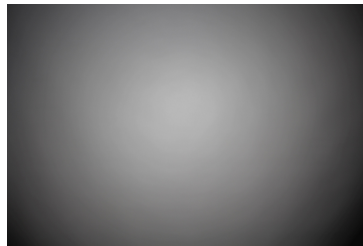
LED LC020C
FWHM / FWTM 56.0° / 82.0°
Efficiency 83 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15848_HEKLA-SOCKET-G



Light distribution files

SAMSUNG

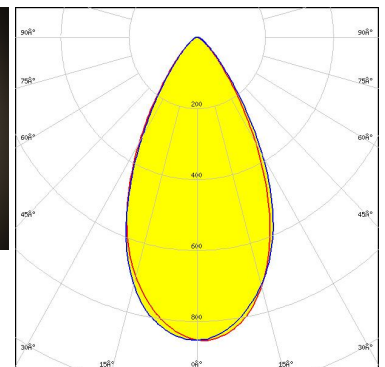
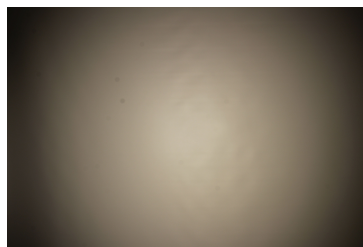
LED LC020C G2
FWHM / FWTM 55.0° / 81.0°
Efficiency 81 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15859_HEKLA-SOCKET-I



Light distribution files

TRIDONIC

LED SLE G7 LES09
FWHM / FWTM 54.0° / 89.0°
Efficiency 76 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15255_HEKLA-SOCKET-C
C13723_MIRELLA-RZL

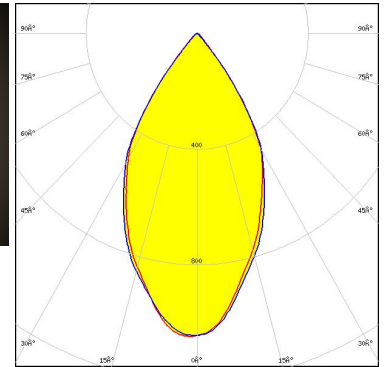
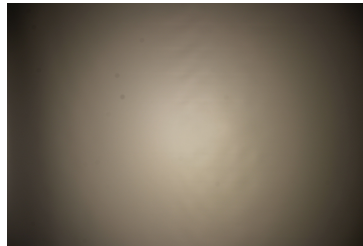


Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

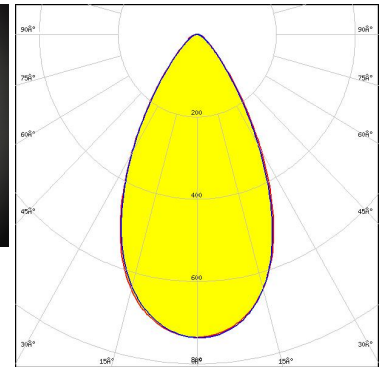
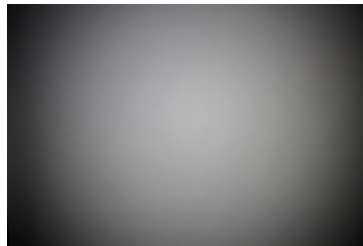
LED SLE G7 LES09
FWHM / FWTM 56.0° / 82.0°
Efficiency 84 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15255_HEKLA-SOCKET-C



Light distribution files

TRIDONIC

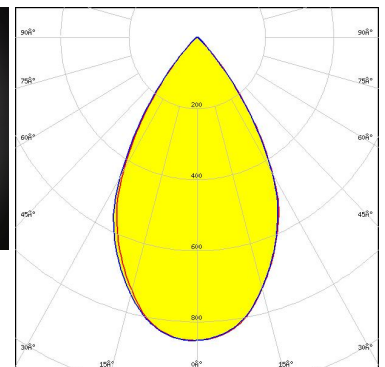
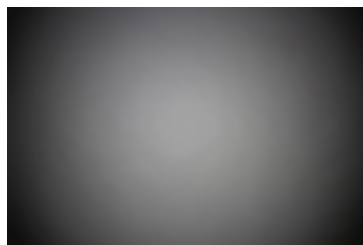
LED SLE G7 LES13
FWHM / FWTM 56.0° / 92.0°
Efficiency 71 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15859_HEKLA-SOCKET-I
C13723_MIRELLA-RZL



Light distribution files

TRIDONIC

LED SLE G7 LES13
FWHM / FWTM 61.0° / 86.0°
Efficiency 79 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
F15859_HEKLA-SOCKET-I

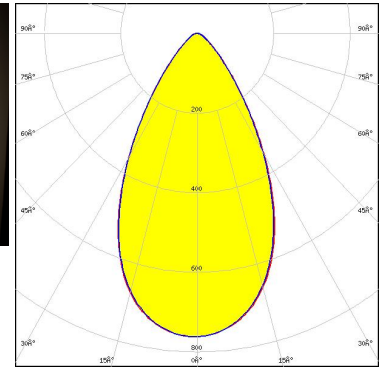


Light distribution files

OPTICAL RESULTS (MEASURED):

XICATO

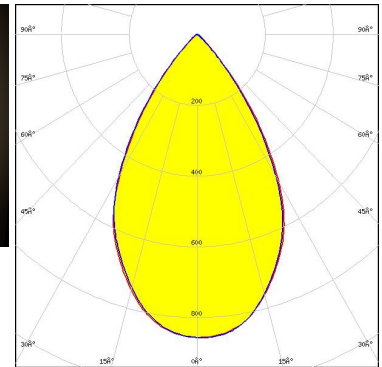
LED XOB 14.5 mm
 FWHM / FWTM 58.0° / 94.0°
 Efficiency 76 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I
 C13723_MIRELLA-RZL



Light distribution files

XICATO

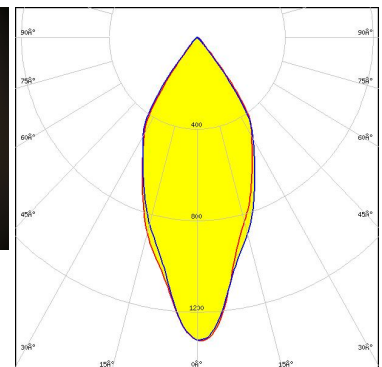
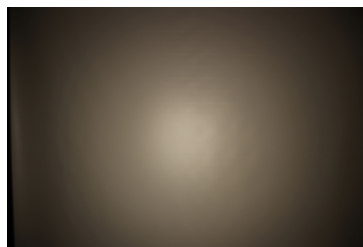
LED XOB 14.5 mm
 FWHM / FWTM 63.0° / 88.0°
 Efficiency 84 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15859_HEKLA-SOCKET-I



Light distribution files

XICATO

LED XOB 6 mm
 FWHM / FWTM 44.0° / 79.0°
 Efficiency 88 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C

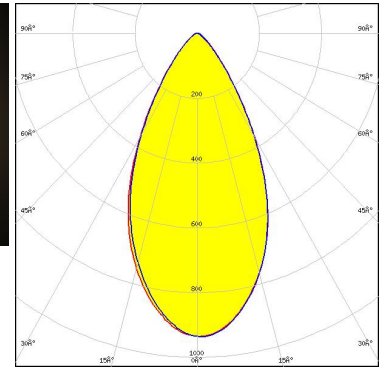
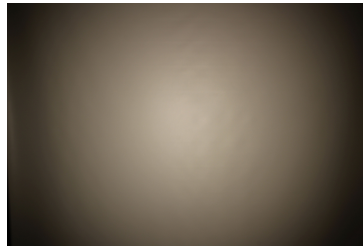


Light distribution files

OPTICAL RESULTS (MEASURED):

XICATO

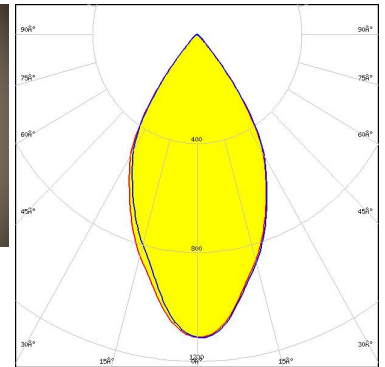
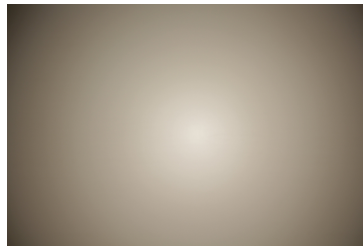
LED XOB 6 mm
 FWHM / FWTM 53.0° / 88.0°
 Efficiency 80 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C
 C13723_MIRELLA-RZL



Light distribution files

XICATO

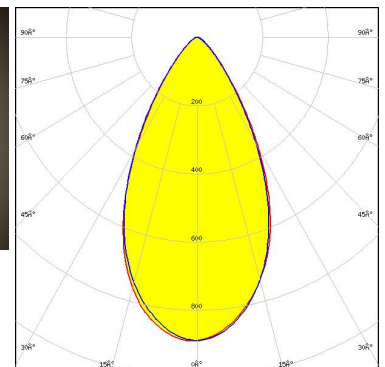
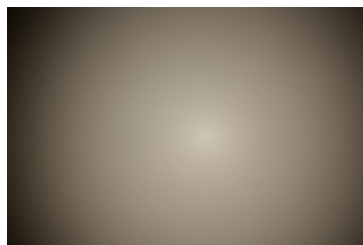
LED XOB 9.8 mm
 FWHM / FWTM 55.0° / 82.0°
 Efficiency 88 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

XICATO

LED XOB 9.8 mm
 FWHM / FWTM 55.0° / 90.0°
 Efficiency 81 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 F15255_HEKLA-SOCKET-C
 C13723_MIRELLA-RZL

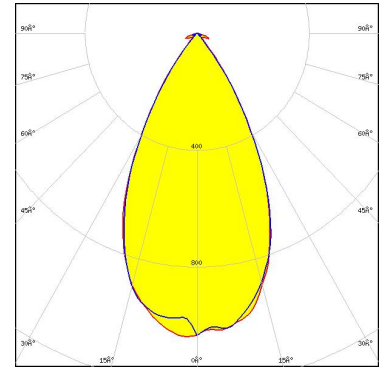


Light distribution files

OPTICAL RESULTS (SIMULATED):



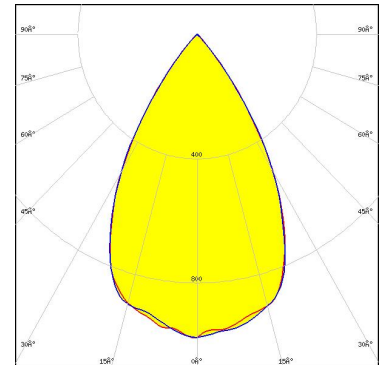
LED VERO13
FWHM / FWTM 53.0° / 78.0°
Efficiency 83 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C16142_HEKLA-SOCKET-K



Light distribution files



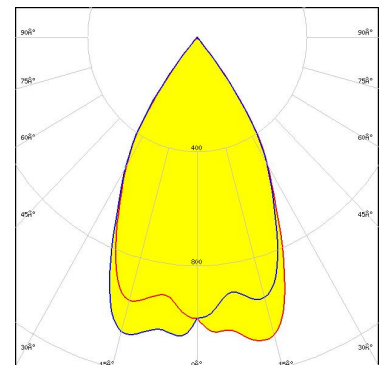
LED COB L-Type (LES 11)
FWHM / FWTM 61.0° / 82.0°
Efficiency 88 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15858_HEKLA-SOCKET-H



Light distribution files




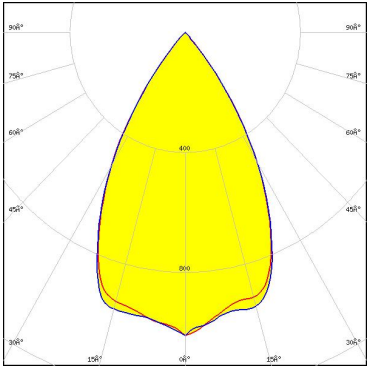
LED MJT COB LES 6
FWHM / FWTM 58.0° / 78.0°
Efficiency 89 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 F15255_HEKLA-SOCKET-C



Light distribution files

OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	MJT COB LES 9.8
FWHM / FWTM	60.0° / 80.0°
Efficiency	87 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components: F15255_HEKLA-SOCKET-C	



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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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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LEDiL Oy

Joensuunkatu 7
FI-24100 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

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Hong Kong, China


Distribution Partners

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