

YASMEEN-50-WW-C

~60° wide beam. Assembly with holder C compatible with HEKLA sockets and connectors. Black version.

TECHNICAL SPECIFICATIONS:

Dimensions	49.9 x 49.9 mm
Height	28.1 mm
ROHS compliant	yes ⓘ

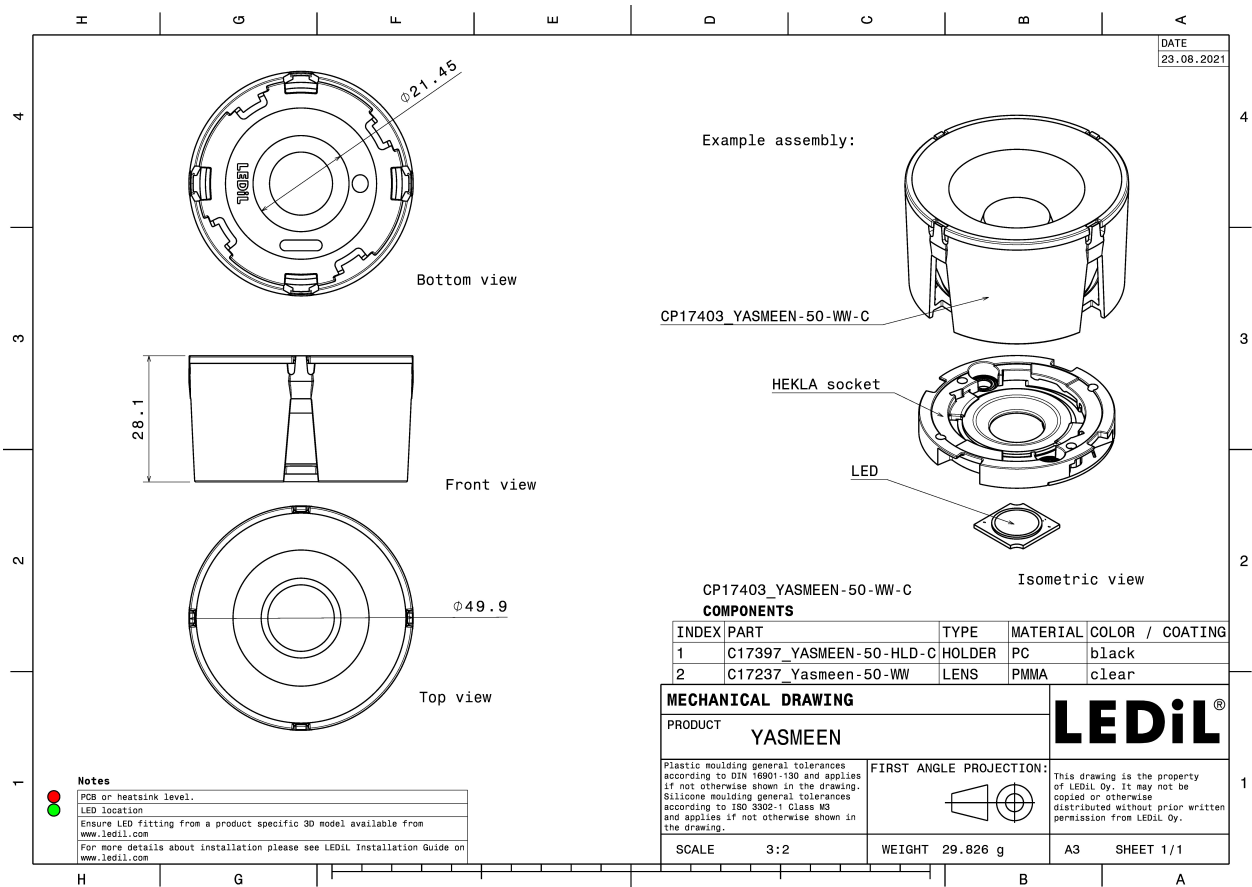


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
YASMEEN-50-WW	Single lens	PMMA	clear	
YASMEEN-50-HLD-C	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17403_YASMEEN-50-WW-C	Single lens	252	112	28	9.8
» Box size: 476 x 273 x 305 mm					

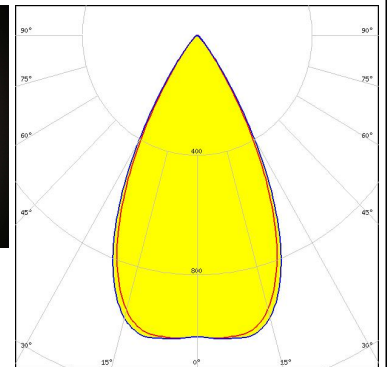
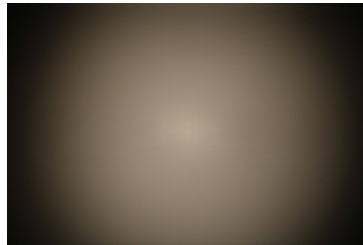


See also our general installation guide: www.ledil.com/installation_guide

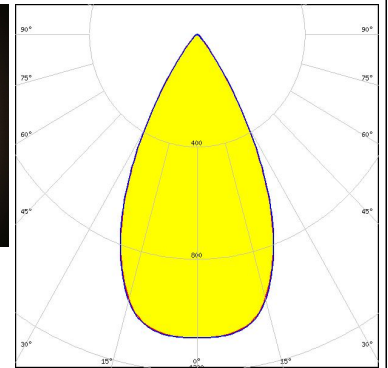
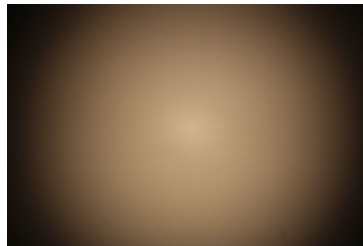
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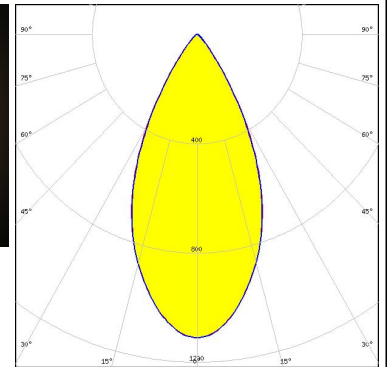
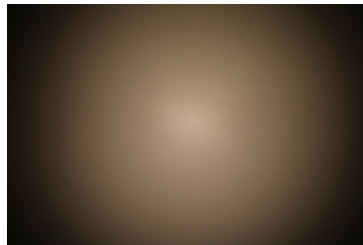
LED V10 Gen 8
FWHM / FWTM 55.0° / 77.0°
Efficiency 82 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



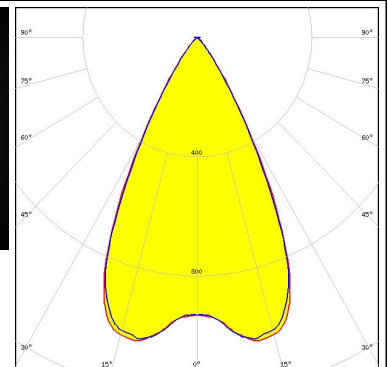
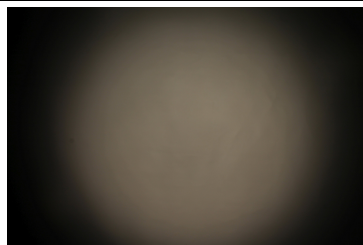
LED V11 HD Gen 8
FWHM / FWTM 54.0° / 76.0°
Efficiency 83 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
Bender Wirth: 633d Hekla



LED V13 Gen 8
FWHM / FWTM 50.0° / 77.0°
Efficiency 79 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15859_HEKLA-SOCKET-I



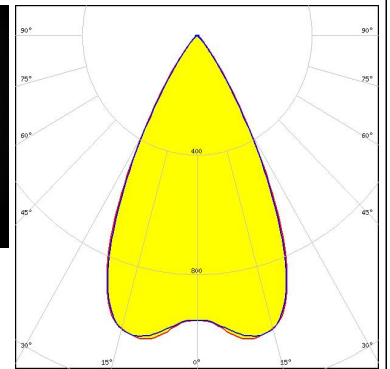
LED V4 HD Gen 7
FWHM / FWTM 54.0° / 74.0°
Efficiency 83 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15253_HEKLA-SOCKET-A



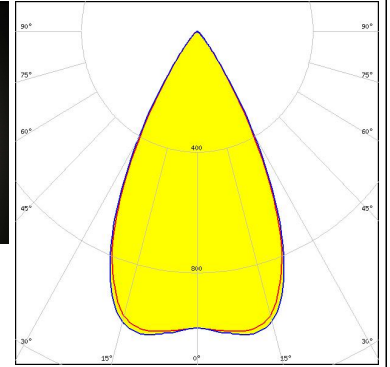
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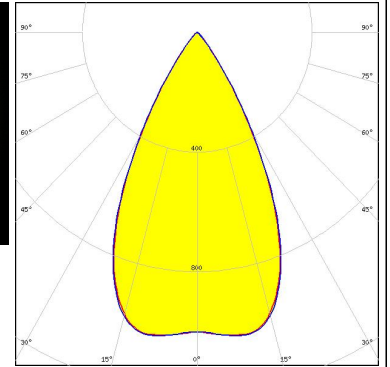
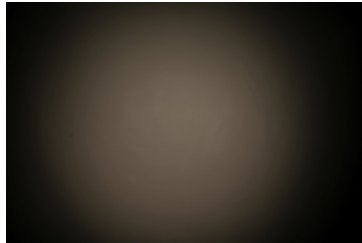
LED V6 HD Gen 7
FWHM / FWTM 55.0° / 75.0°
Efficiency 83 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15255_HEKLA-SOCKET-C



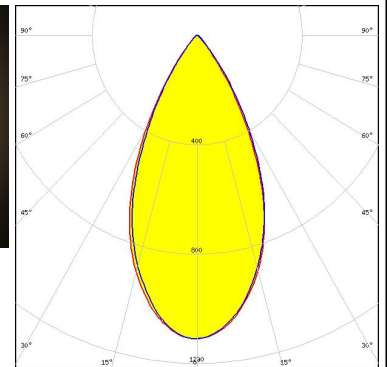
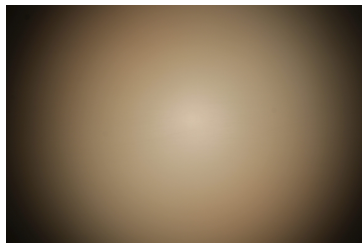
LED V8 Gen 8
FWHM / FWTM 55.0° / 76.0°
Efficiency 83 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15253_HEKLA-SOCKET-A



LED VERO10
FWHM / FWTM 54.0° / 76.0°
Efficiency 82 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15616_HEKLA-SOCKET-F



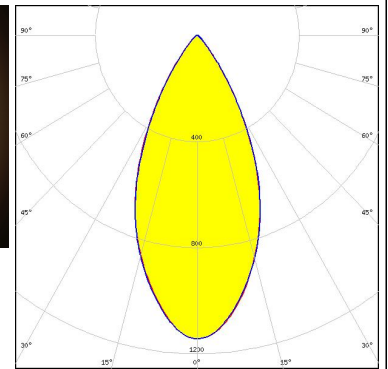
LED Vesta DTW 13mm (21W)
FWHM / FWTM 51.0° / 78.0°
Efficiency 79 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
Bender Wirth: 632b Hekla XL



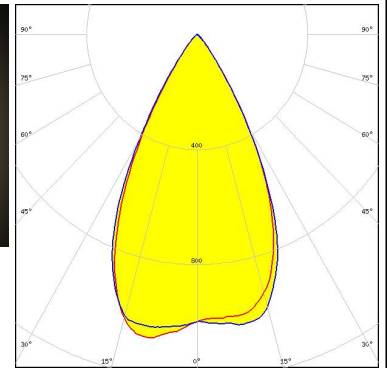
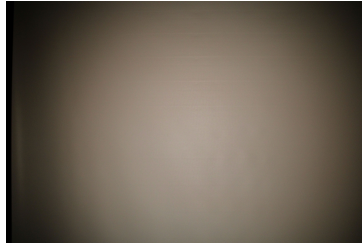
PHOTOMETRIC DATA (MEASURED):



LED Vesta DTW 15mm (33W)
 FWHM / FWTM 49.0° / 78.0°
 Efficiency 79 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:
 Bender Wirth: 632b Hekla XL

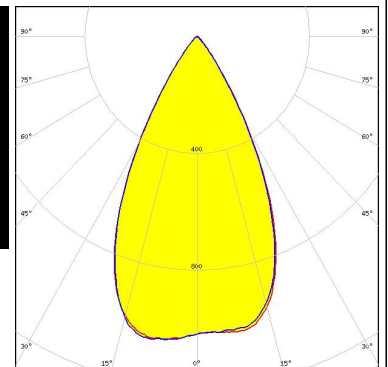
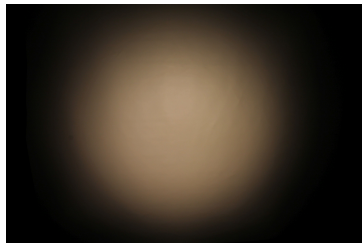


LED Vesta DTW 9mm (4W/6W/12W)
 FWHM / FWTM 55.0° / 76.0°
 Efficiency 83 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Bender Wirth: 652b Hekla



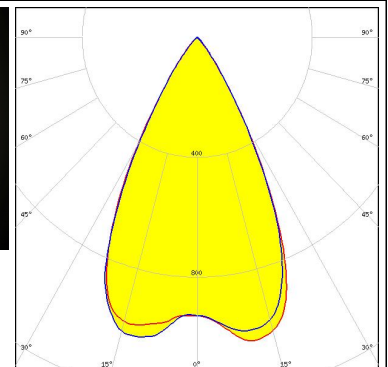
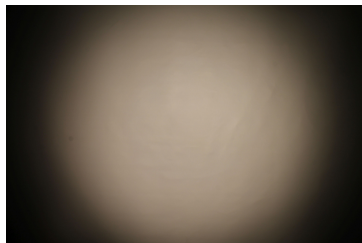
CITIZEN

LED CLL02x/CLU02x (LES10)
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 83 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



CITIZEN

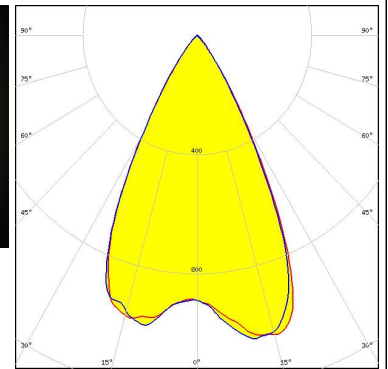
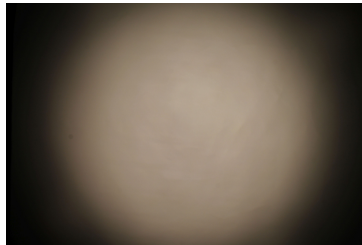
LED CLU700/701/702
 FWHM / FWTM 55.0° / 75.0°
 Efficiency 84 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



PHOTOMETRIC DATA (MEASURED):

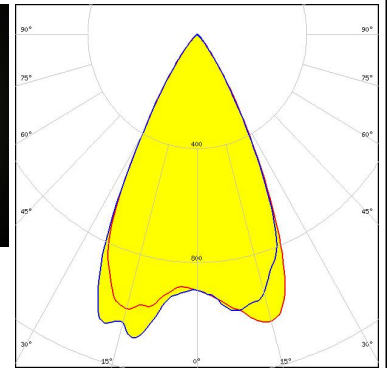
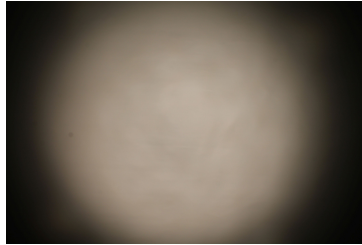
CITIZEN

LED CLU7A2 (LES 4.2mm)
 FWHM / FWTM 55.0° / 75.0°
 Efficiency 84 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



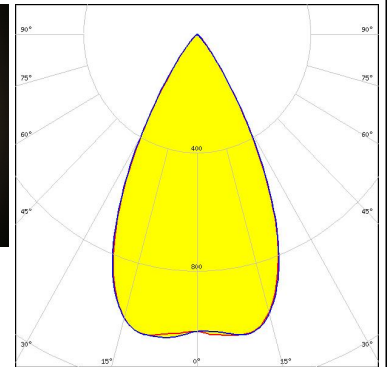
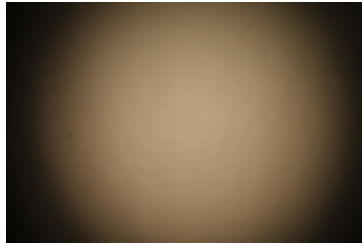
CITIZEN

LED CLU7B2
 FWHM / FWTM 54.0° / 74.0°
 Efficiency 84 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



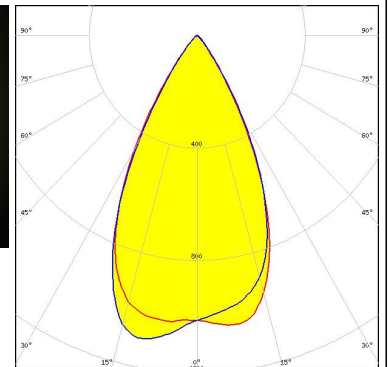
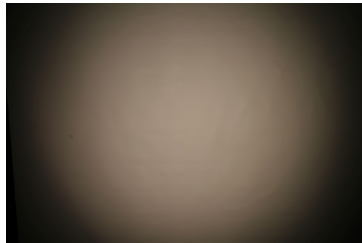
CREE LED

LED CMA1516
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 83 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



CREE LED

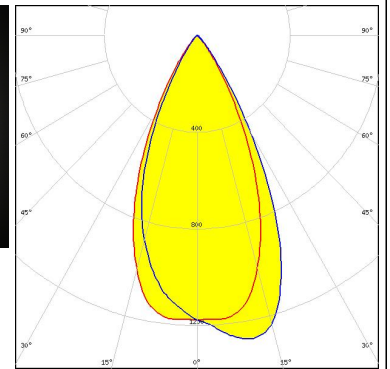
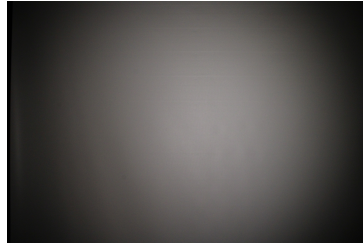
LED CMT14xx
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 83 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



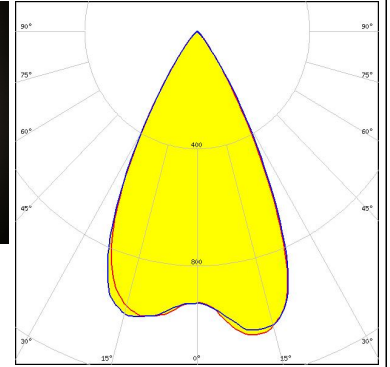
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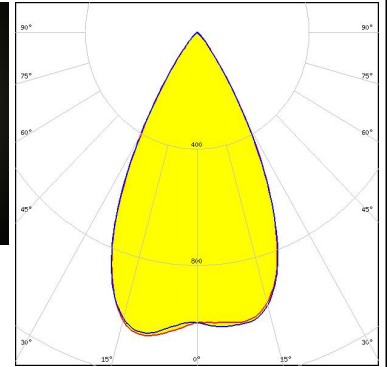
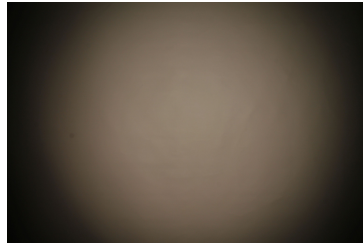
LED CMU10xx
FWHM / FWTM 48.0° / 72.0°
Efficiency 81 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



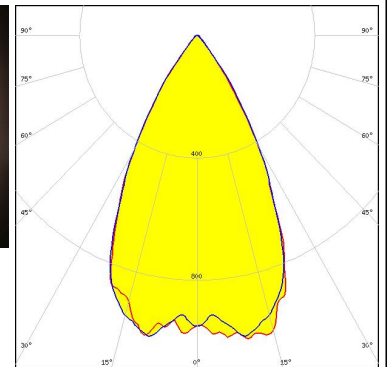
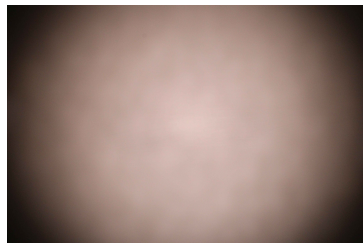
LED CXA/B 13xx
FWHM / FWTM 55.0° / 74.0°
Efficiency 84 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17439_HEKLA-G2-J



LED CXA/B 15xx
FWHM / FWTM 54.0° / 75.0°
Efficiency 84 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17436_HEKLA-G2-D



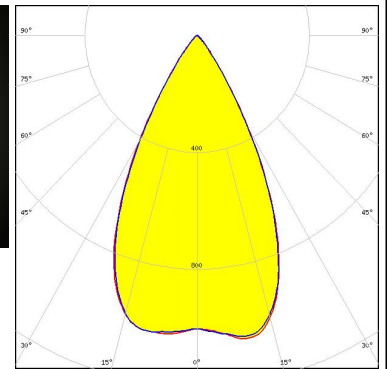
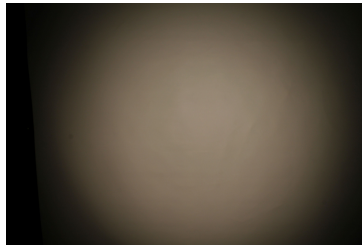
LED LEDIM/C6
FWHM / FWTM 57.0° / 78.0°
Efficiency 83 %
Peak intensity 1 cd/lm
LEDs/each optic 9
Light colour White
Required components:
F17438_HEKLA-G2-I



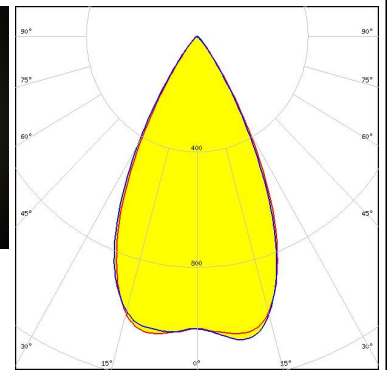
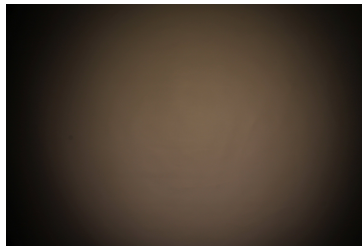
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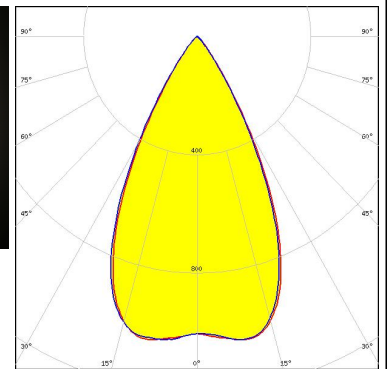
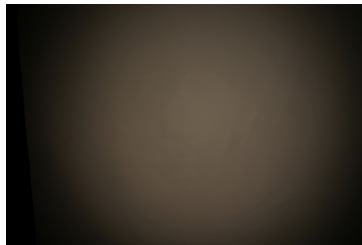
LED LUXEON CoB 1202/1203
 FWHM / FWTM 54.0° / 75.0°
 Efficiency 83 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



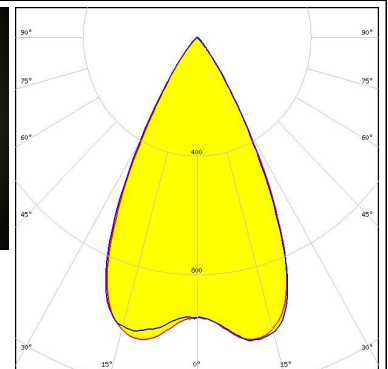
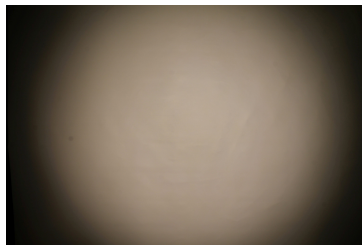
LED LUXEON CoB 1204HD
 FWHM / FWTM 53.0° / 75.0°
 Efficiency 83 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H



LED LUXEON CoB M02/M03
 FWHM / FWTM 54.0° / 75.0°
 Efficiency 84 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17436_HEKLA-G2-D



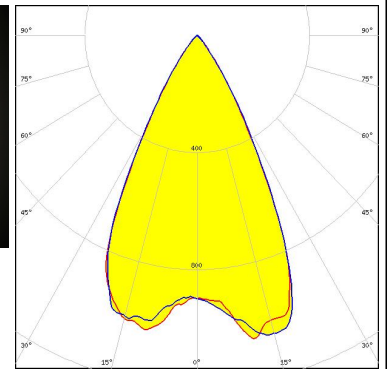
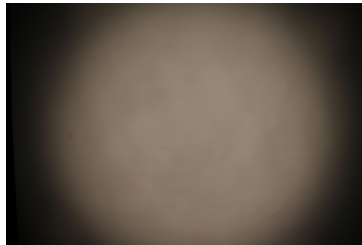
LED LUXEON CoB S01
 FWHM / FWTM 55.0° / 75.0°
 Efficiency 84 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17439_HEKLA-G2-J



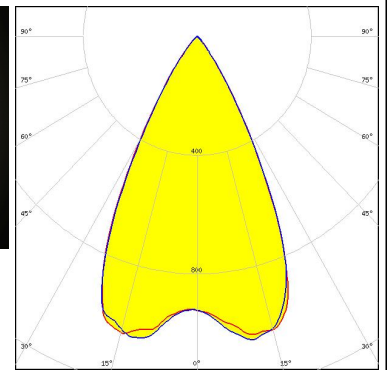
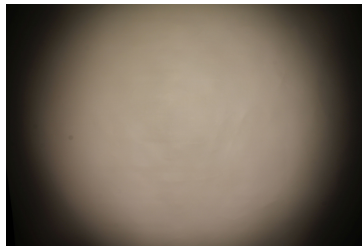
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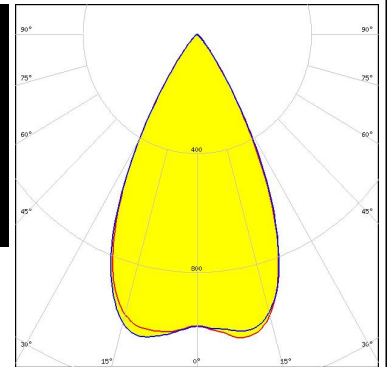
LED CXM-3
FWHM / FWTM 55.0° / 75.0°
Efficiency 84 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



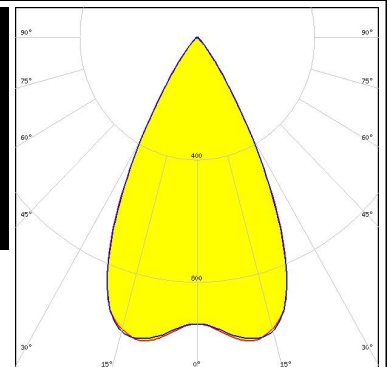
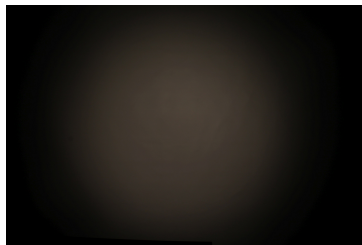
LED CXM-4
FWHM / FWTM 55.0° / 75.0°
Efficiency 84 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17435_HEKLA-G2-C



LED COB L-Type (LES 9)
FWHM / FWTM 54.0° / 76.0°
Efficiency 83 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F17437_HEKLA-G2-H



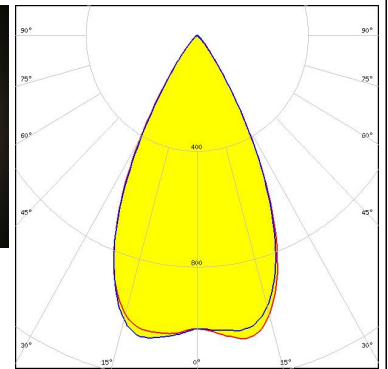
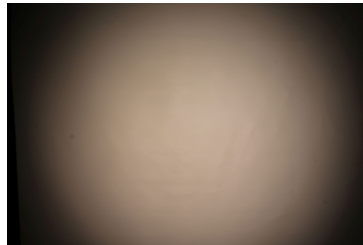
LED COB S-Type (LES 7)
FWHM / FWTM 55.0° / 75.0°
Efficiency 82 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F15848_HEKLA-SOCKET-G



PHOTOMETRIC DATA (MEASURED):

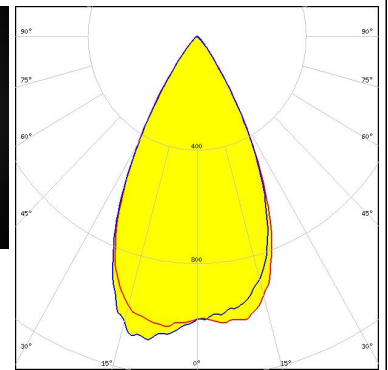
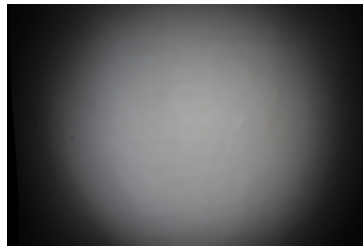
PHILIPS

LED Fortimo SLM L09 CoB
 FWHM / FWTM 54.0° / 75.0°
 Efficiency 83 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17437_HEKLA-G2-H

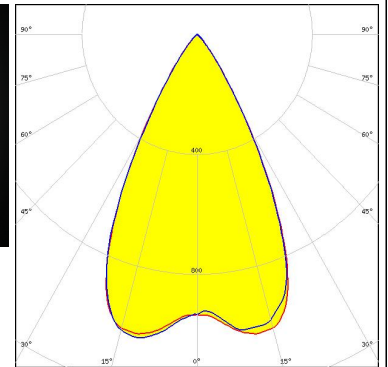


SAMSUNG

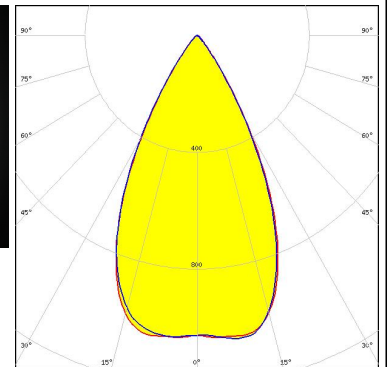
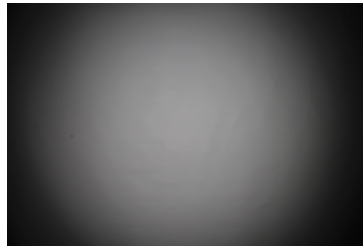
LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 83 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



LED MJT COB LES 6
 FWHM / FWTM 55.0° / 75.0°
 Efficiency 84 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



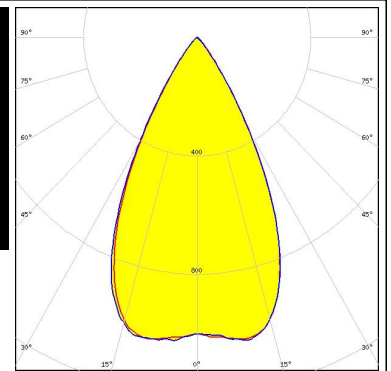
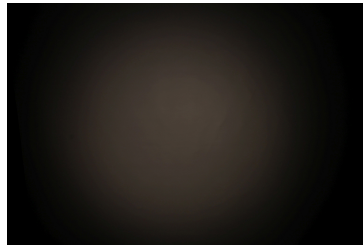
LED MJT COB LES 9.8
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 83 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



PHOTOMETRIC DATA (MEASURED):

TRIDONIC

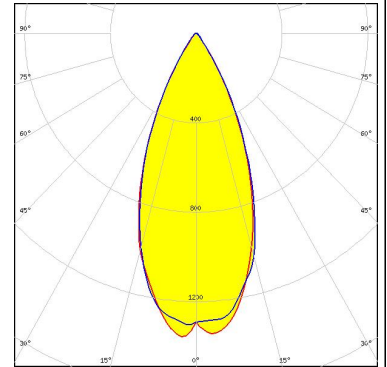
LED SLE G7 LES09
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 84 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



PHOTOMETRIC DATA (SIMULATED):

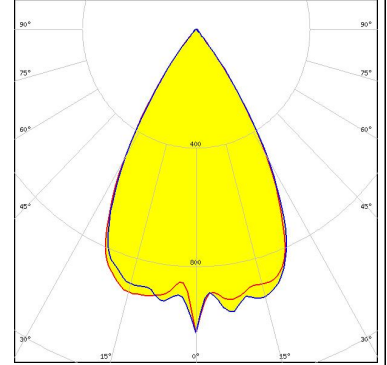


LED Vero SE 13
 FWHM / FWTM 44.0° / 69.0°
 Efficiency 77 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K

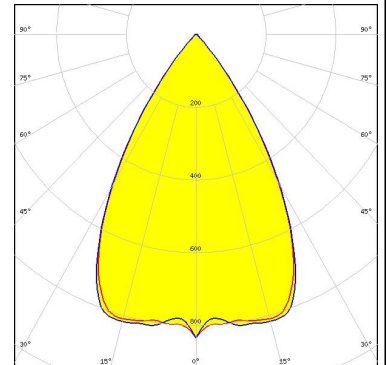


CITIZEN

LED CLU712
 FWHM / FWTM 60.0° / 78.0°
 Efficiency 86 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I

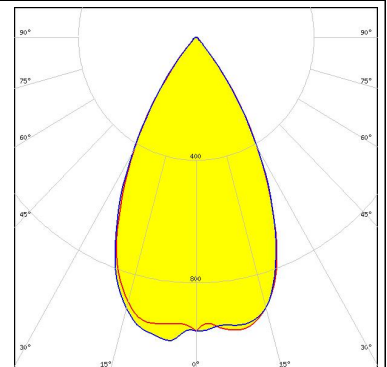


LED NVCWJ024Z-V1MT: COB J-Type Tunable White
 FWHM / FWTM 63.0° / 84.0°
 Efficiency 81 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16142_HEKLA-SOCKET-K
 Bender Wirth: 498 Typ L8 HV



TRIDONIC

LED SLE G7 LES13
 FWHM / FWTM 56.0° / 80.0°
 Efficiency 81 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



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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