

YASMEEN-50-WW-C

~60° wide beam. Assembly with holder C compatible with LEDiL HEKLA. Black version.

SPECIFICATION:

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

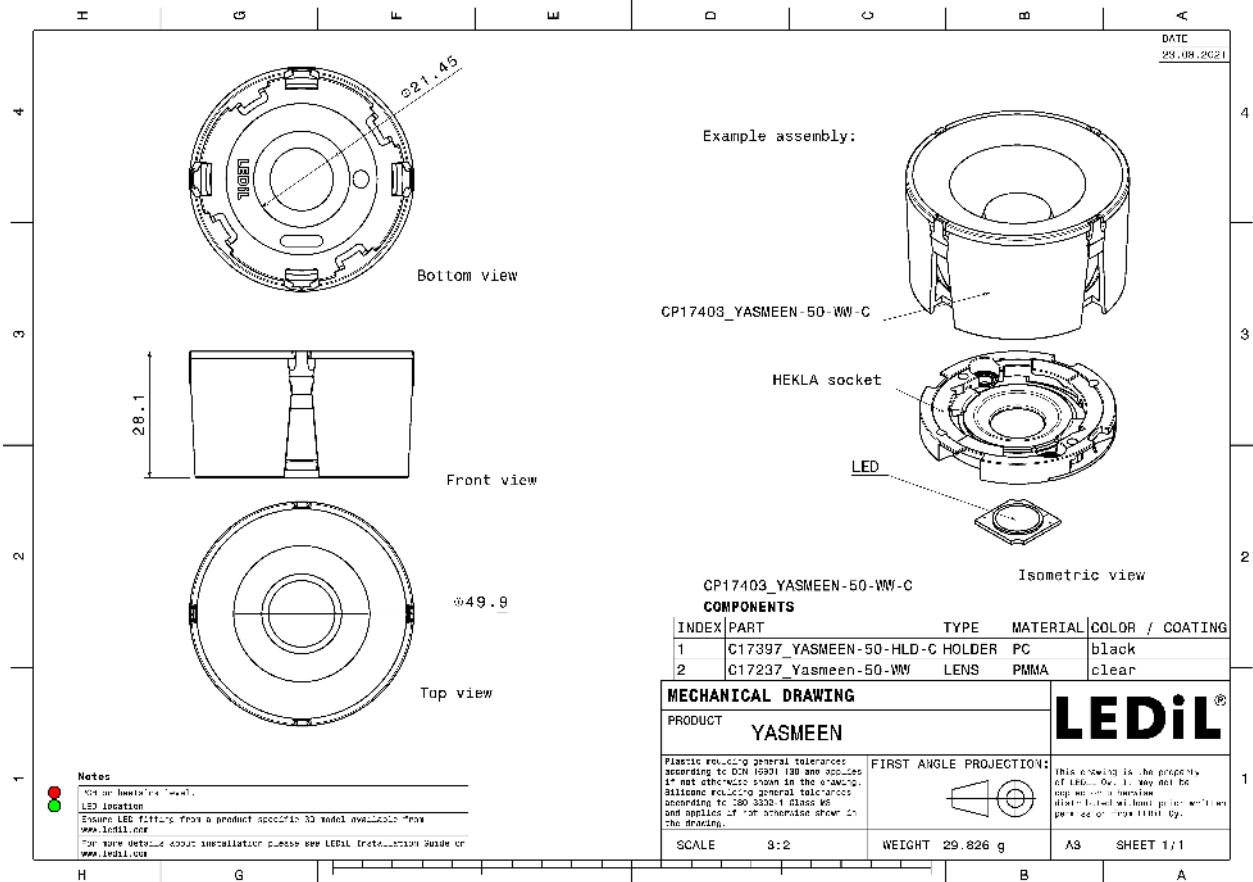
MATERIALS:

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

ORDERING INFORMATION:



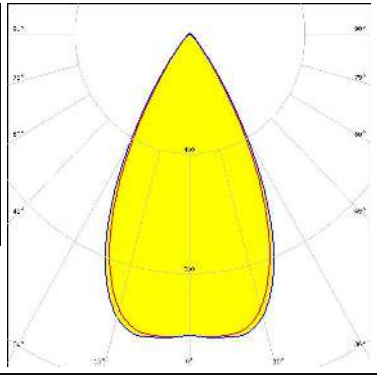

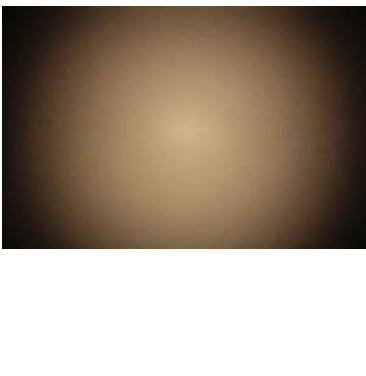
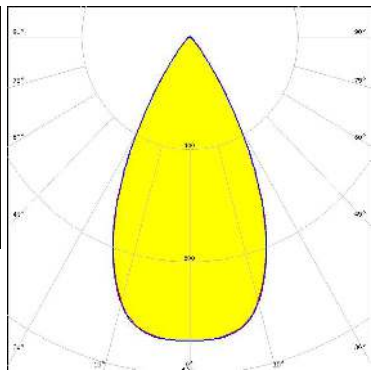


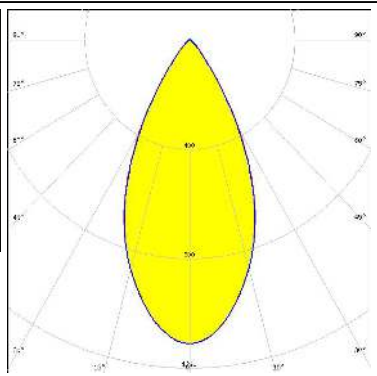


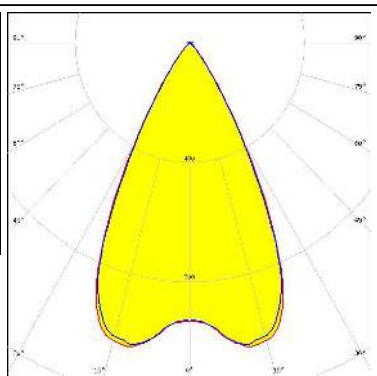
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17403_YASMEEN-50-WW-C	Single lens	252	112	28	9.8
» Box size: 476 x 273 x 305 mm					





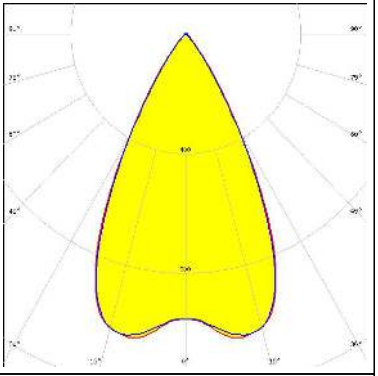

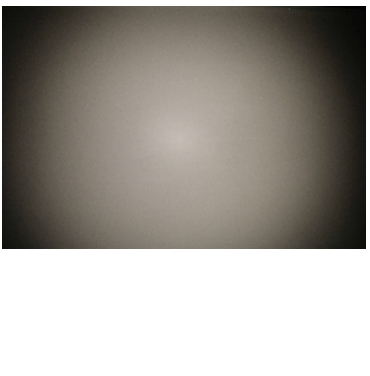
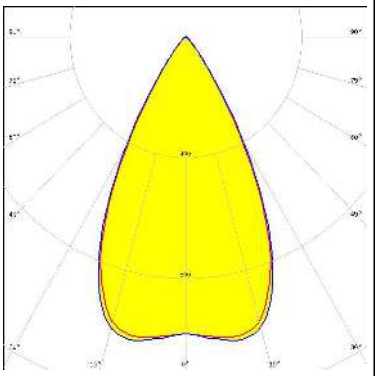


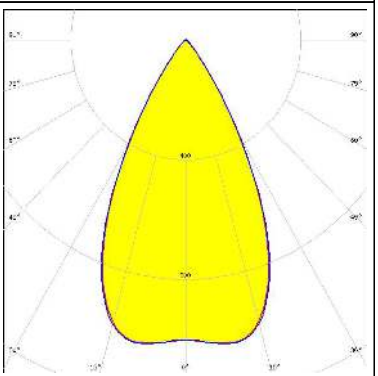


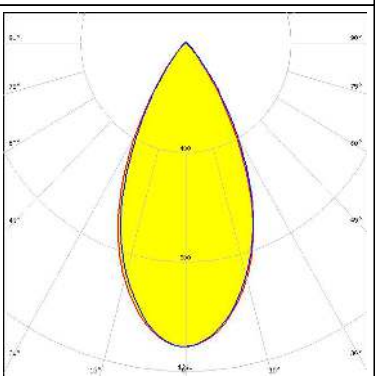


See also our general installation guide: www.ledil.com/installation_guide



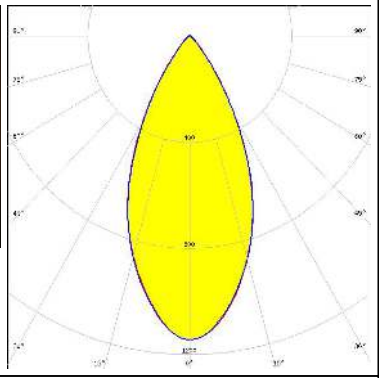

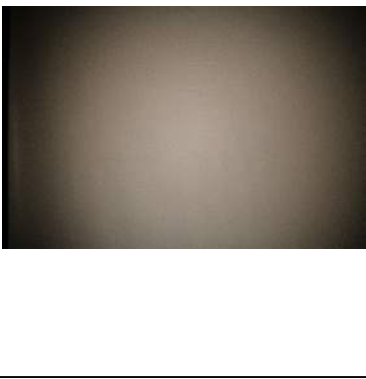
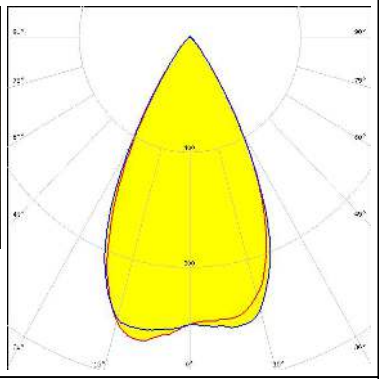

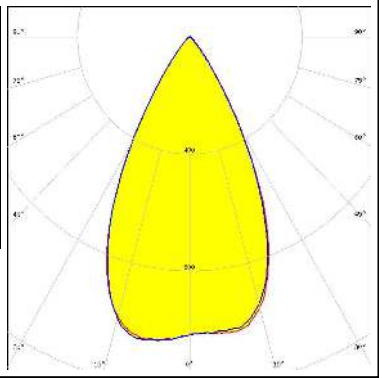

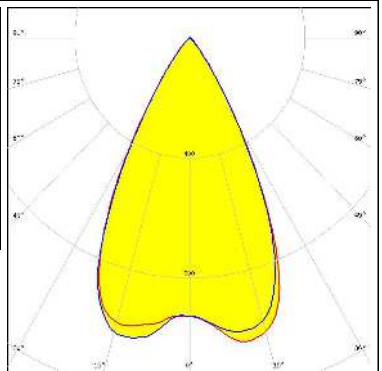
OPTICAL RESULTS (MEASURED):

<p></p> <p>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</p>		
<p></p> <p>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</p>		
<p></p> <p>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</p>		
<p></p> <p>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</p>		

OPTICAL RESULTS (MEASURED):

<p></p> <p>LED V6 HD Gen 7</p> <p>FWHM / FWTM 55.0° / 75.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15255_HEKLA-SOCKET-C</p>		
<p></p> <p>LED V8 Gen 8</p> <p>FWHM / FWTM 55.0° / 76.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>		
<p></p> <p>LED VERO10</p> <p>FWHM / FWTM 54.0° / 76.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15616_HEKLA-SOCKET-F</p>		
<p></p> <p>LED Vesta DTW 13mm (21W)</p> <p>FWHM / FWTM 51.0° / 78.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: Bender Wirth: 632b Hekla XL</p>		

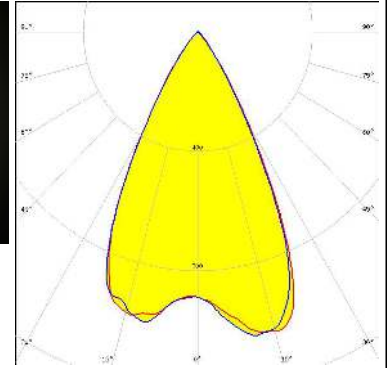
OPTICAL RESULTS (MEASURED):

<p></p> <p>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</p>		
<p></p> <p>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</p>		
<p>CITIZEN</p> <p>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</p>		
<p>CITIZEN</p> <p>LED CLU700/701/702/703 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</p>		

OPTICAL RESULTS (MEASURED):

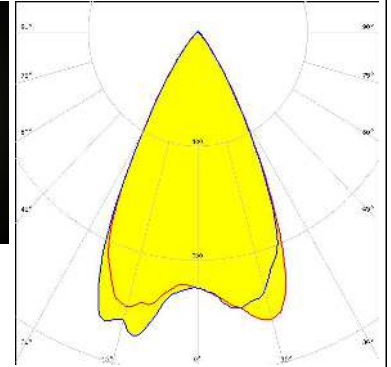
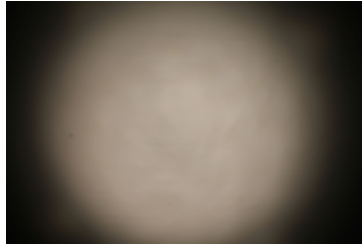
CITIZEN

LED CLU7A2/7A3
 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



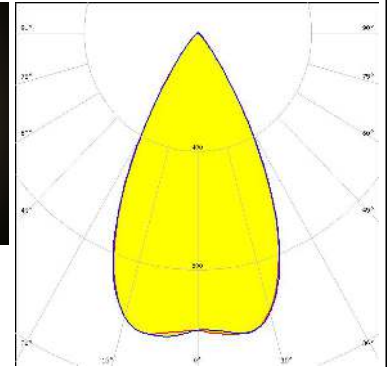
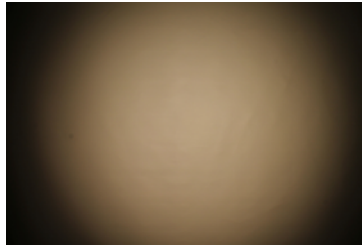
CITIZEN

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



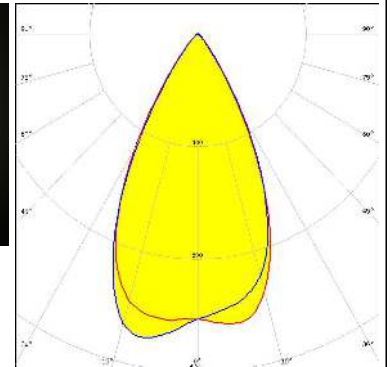
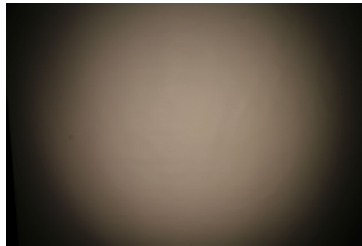
CREE LED

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

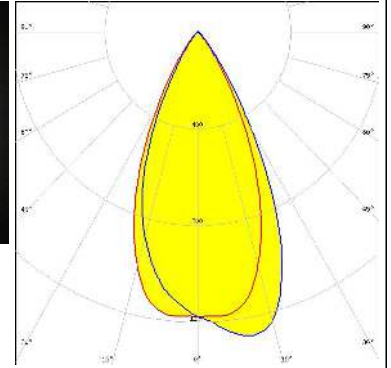
LED CMT14xx
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 83 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



OPTICAL RESULTS (MEASURED):

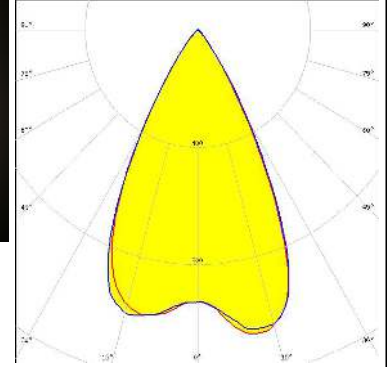
CREE → LED

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



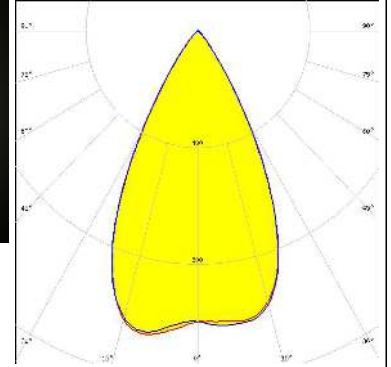
CREE → LED

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



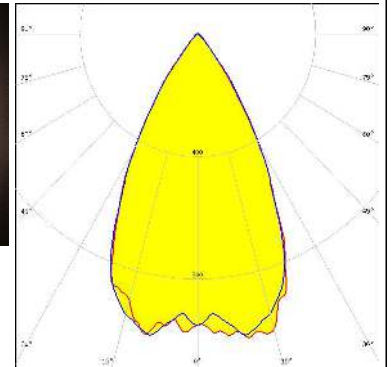
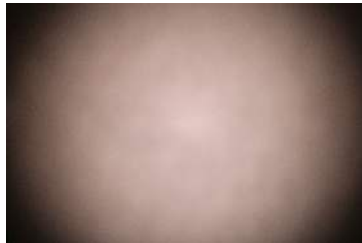
CREE → LED

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


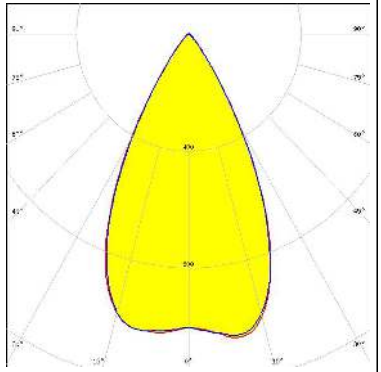
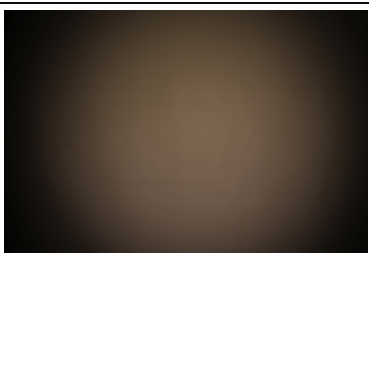
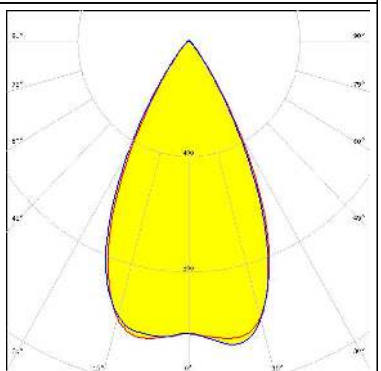

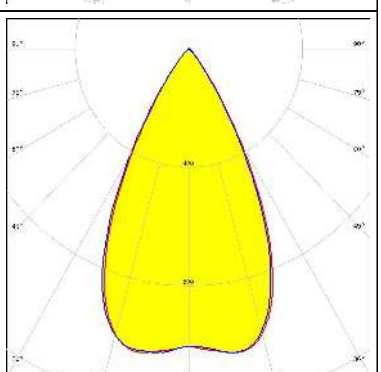

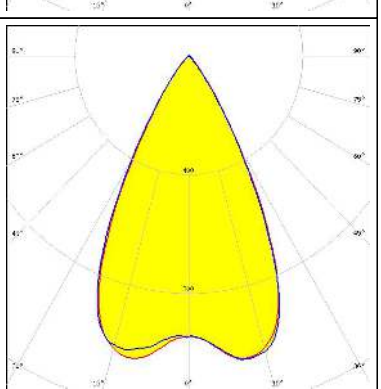


LEDiM


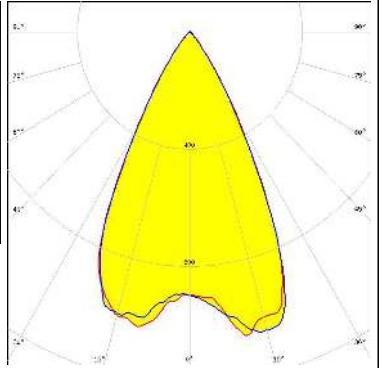
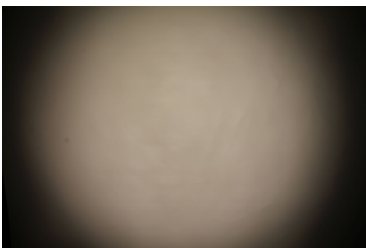
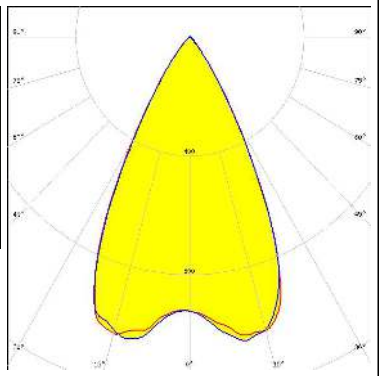
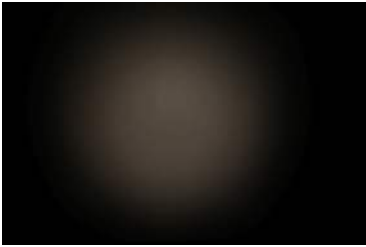
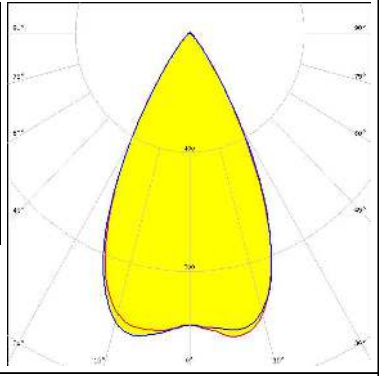
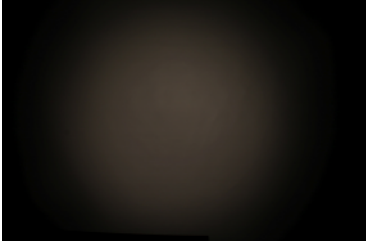
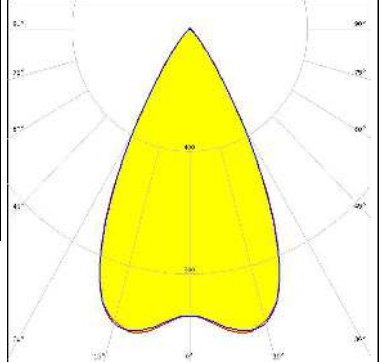
LED LEDiM/C6
 FWHM / FWTM 57.0° / 78.0°
 Efficiency 83 %
 Peak intensity 1 cd/lm
 LEDs/each optic 9
 Light colour White
 Required components:
 F17438_HEKLA-G2-I



OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON CoB 1202/1203</p> <p>FWHM / FWTM 54.0° / 75.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p>LUMILEDS</p> <p>LED LUXEON CoB 1204HD</p> <p>FWHM / FWTM 53.0° / 75.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p>LUMILEDS</p> <p>LED LUXEON CoB M02/M03</p> <p>FWHM / FWTM 54.0° / 75.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17436_HEKLA-G2-D</p>		
<p>LUMILEDS</p> <p>LED LUXEON CoB S01</p> <p>FWHM / FWTM 55.0° / 75.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17439_HEKLA-G2-J</p>		

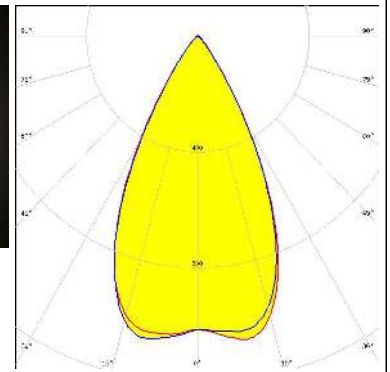
OPTICAL RESULTS (MEASURED):

<p>LUMINUS</p> <p>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</p>		
<p>LUMINUS</p> <p>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</p>		
<p>NICHIA</p> <p>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</p>		
<p>NICHIA</p> <p>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</p>		

OPTICAL RESULTS (MEASURED):

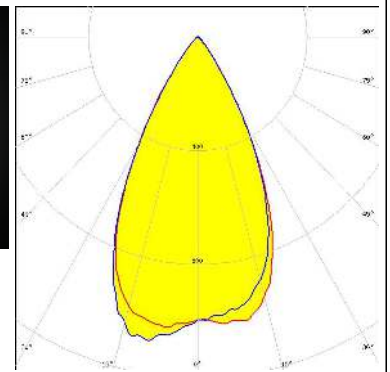
PHILIPS

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

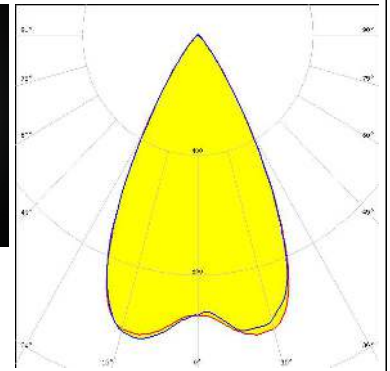


SAMSUNG

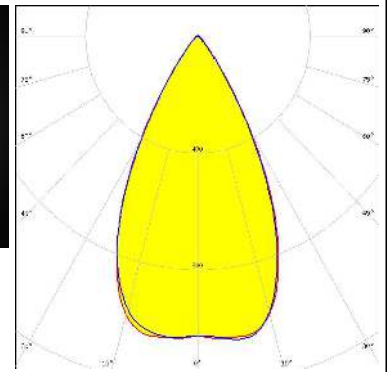
LED LC003D / LC006D / LC009D / LC013D
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 83 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C



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



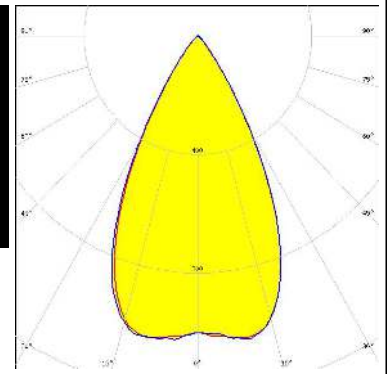
LED MJT COB LES 9.8
 FWHM / FWTM 54.0° / 76.0°
 Efficiency 83 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F17435_HEKLA-G2-C




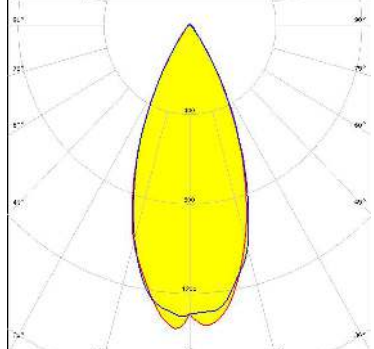
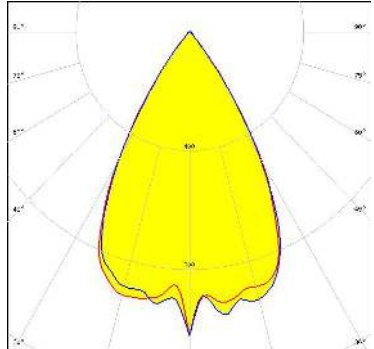

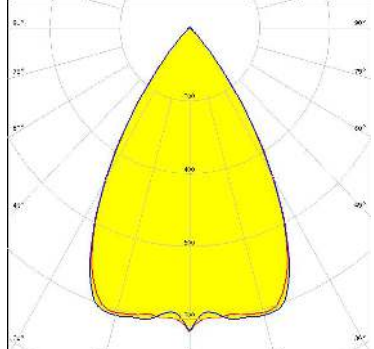
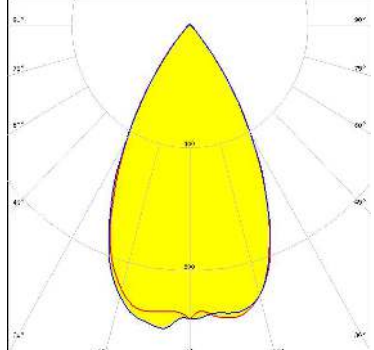
OPTICAL RESULTS (MEASURED):

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



OPTICAL RESULTS (SIMULATED):

<p> LED Vero SE 13</p> <p>FWHM / FWTM 44.0° / 69.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 1.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>	
<p>CITIZEN</p> <p>LED CLU712/713</p> <p>FWHM / FWTM 60.0° / 78.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17438_HEKLA-G2-I</p>	
<p> LED NVCWJ024Z-V1MT: COB J-Type Tunable White</p> <p>FWHM / FWTM 63.0° / 84.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 498 Typ L8 HV</p>	
<p>TRIDONIC</p> <p>LED SLE G7 LES13</p> <p>FWHM / FWTM 56.0° / 80.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17438_HEKLA-G2-I</p>	

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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