

## 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 ⓘ

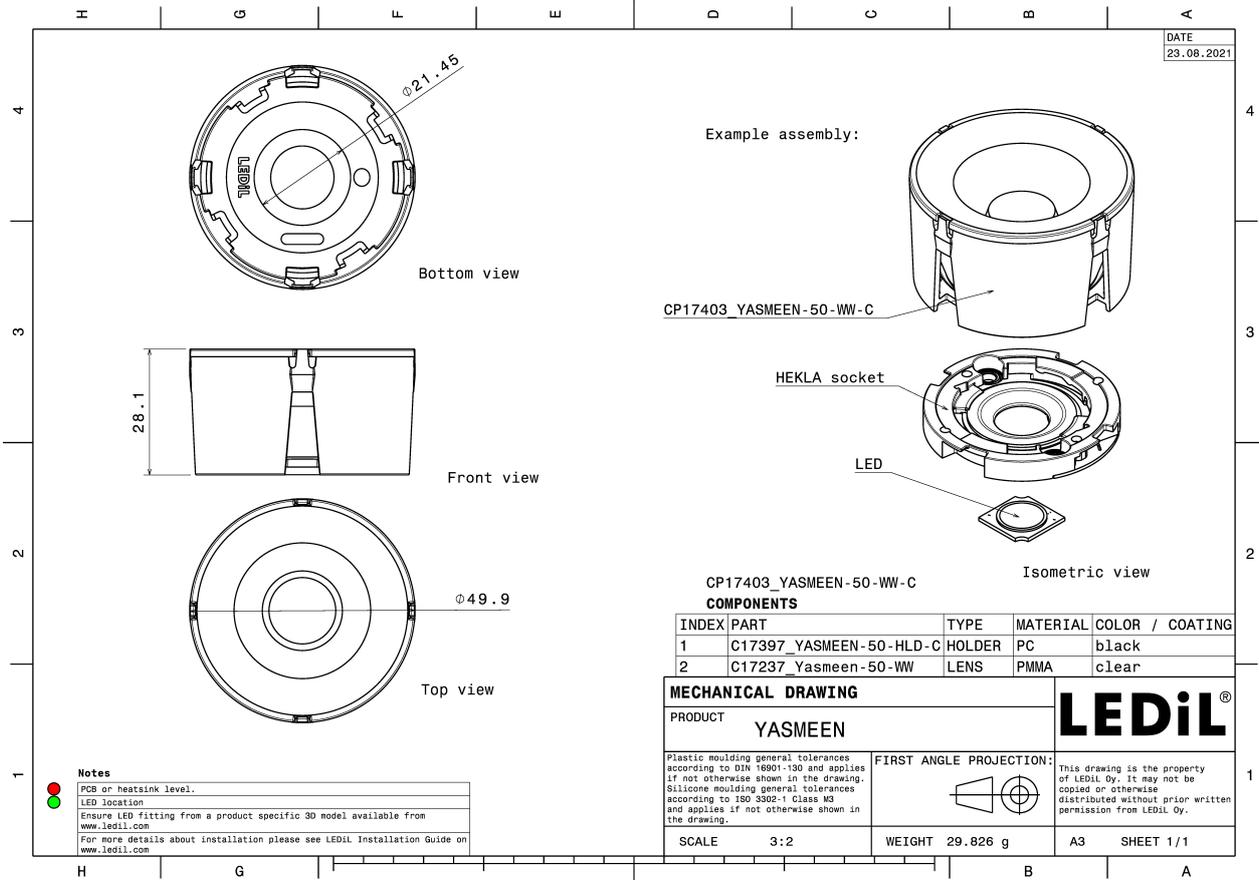
### MATERIALS:

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

### ORDERING INFORMATION:

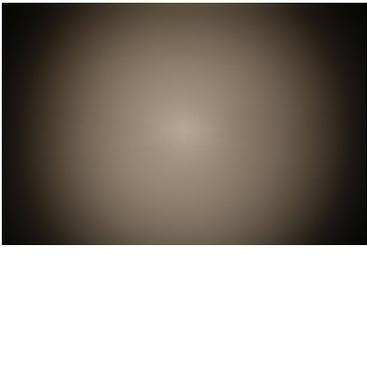
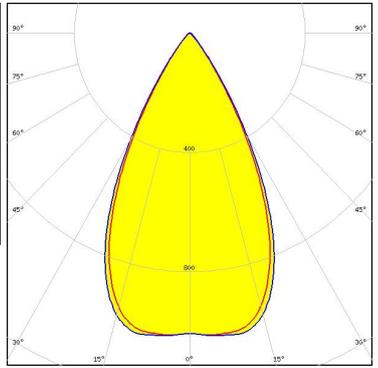
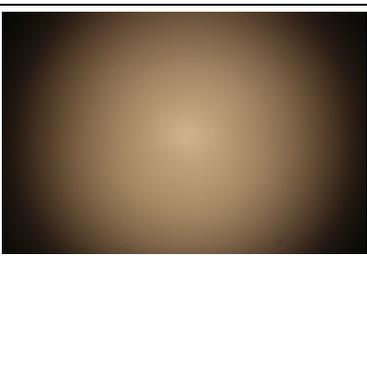
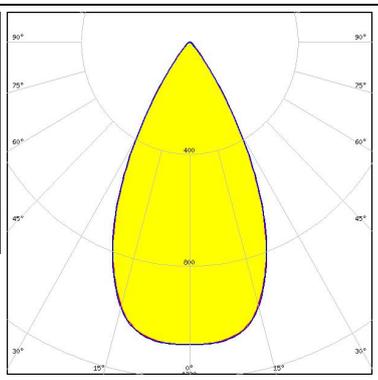
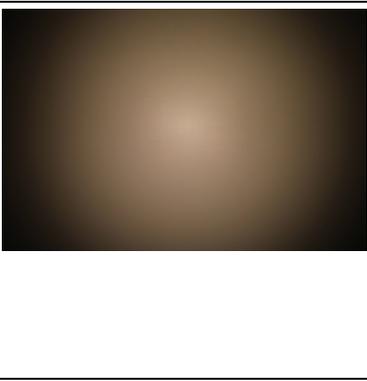
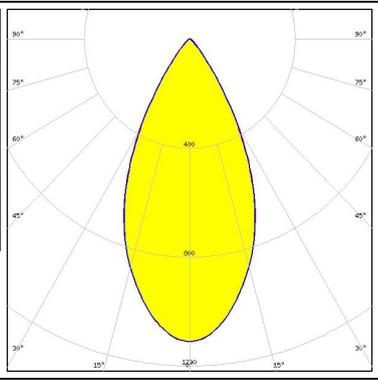
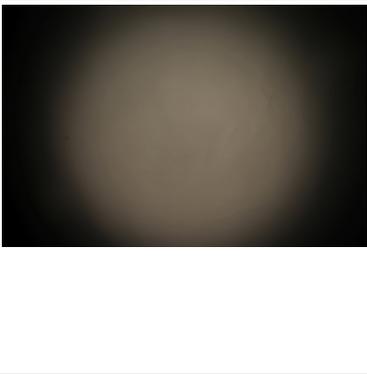
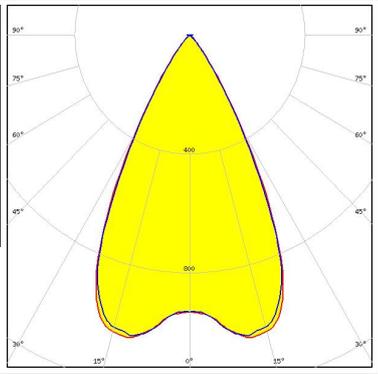
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP17403_YASMEEN-50-WW-C » Box size: 476 x 273 x 305 mm	Single lens	252	112	28	9.8



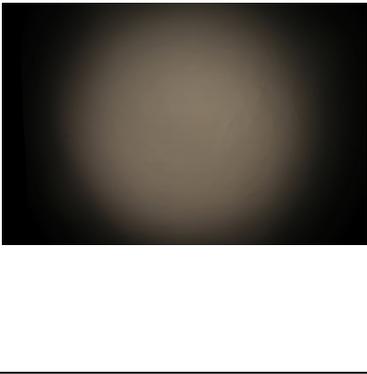
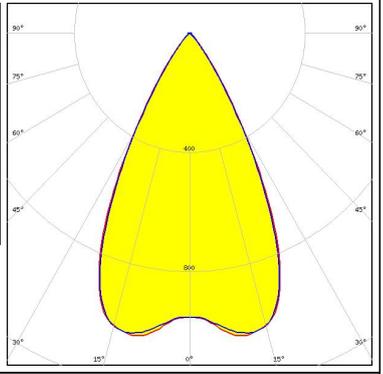
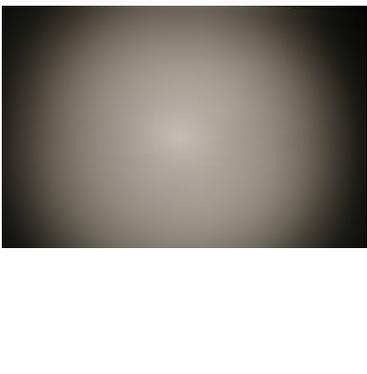
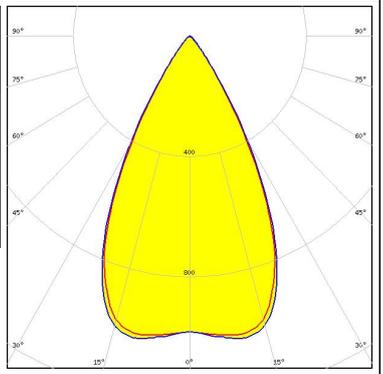
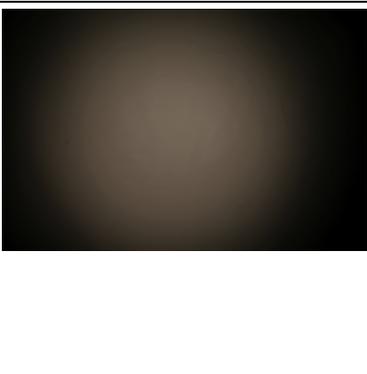
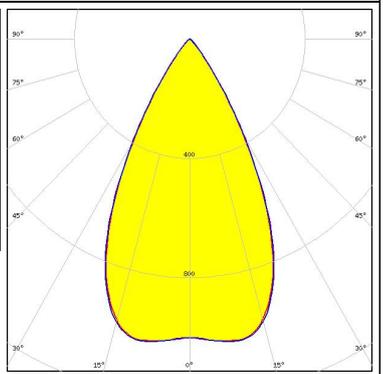
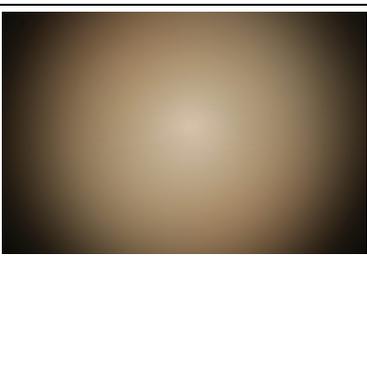
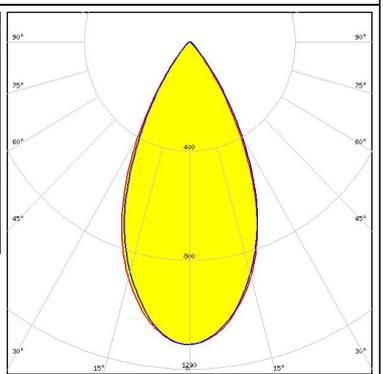


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### 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>		

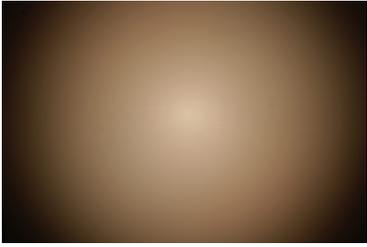
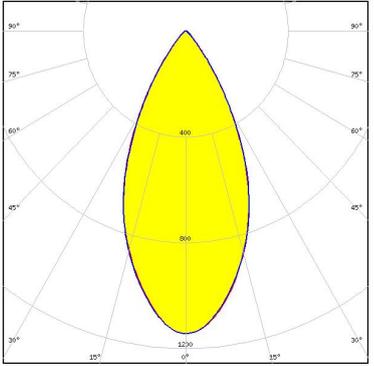
#### OPTICAL RESULTS (MEASURED):

<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):

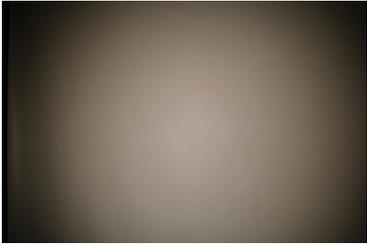
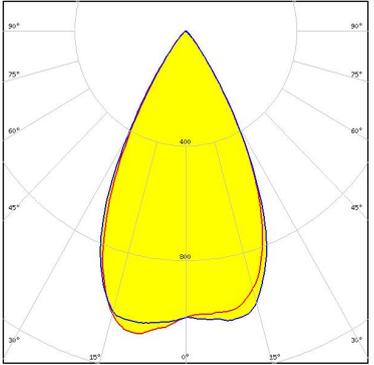
**bridgelux.**

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

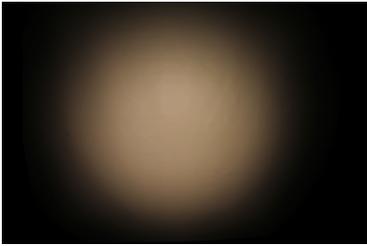
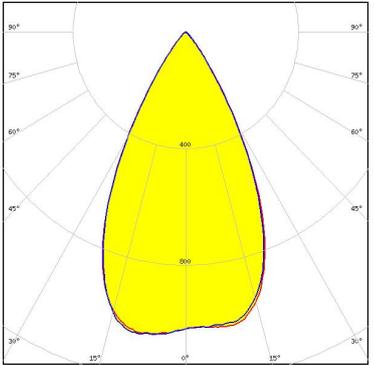
**bridgelux.**

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

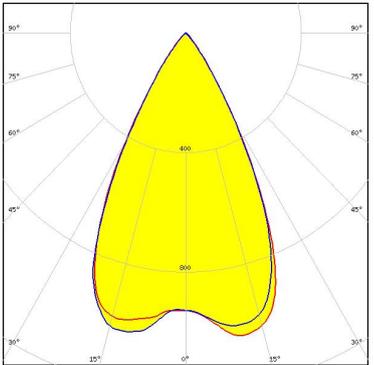
**CITIZEN**

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**

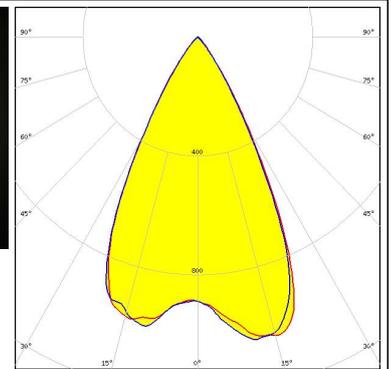
LED CLU700/701/702/703  
 FWHM / FWTM 55.0° / 75.0°  
 Efficiency 84 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C

#### OPTICAL RESULTS (MEASURED):

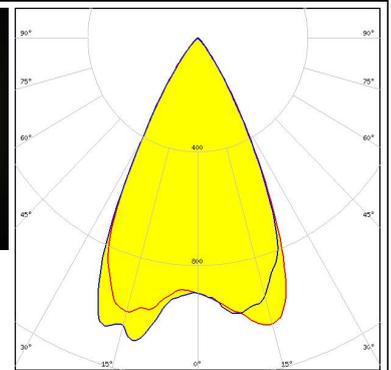
#### CITIZEN

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

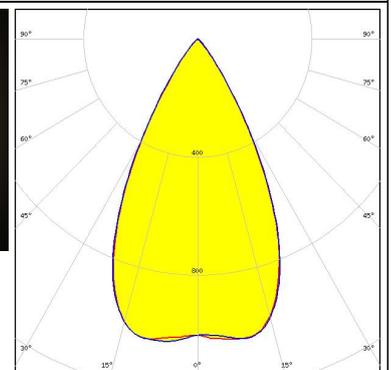


#### CITIZEN

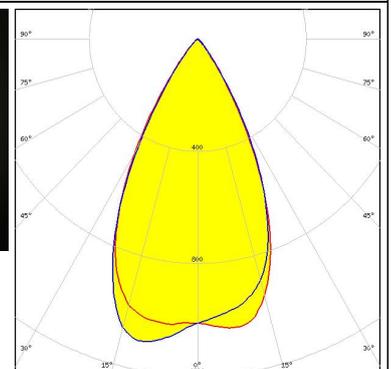
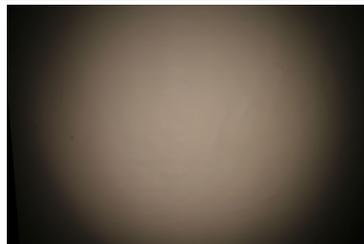
LED CLU7B2  
 FWHM / FWTM 54.0° / 74.0°  
 Efficiency 84 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



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



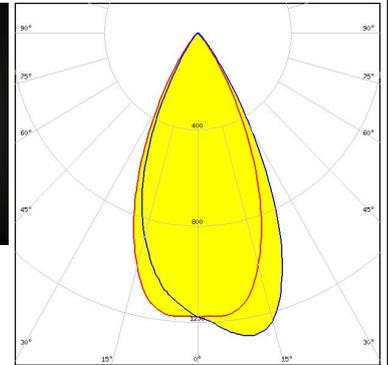
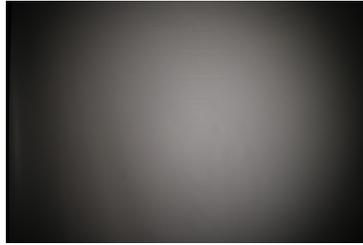
LED CMT14xx  
 FWHM / FWTM 54.0° / 76.0°  
 Efficiency 83 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



#### OPTICAL RESULTS (MEASURED):

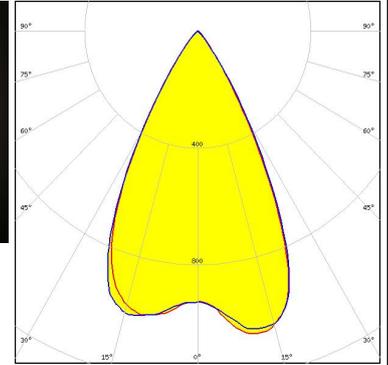
##### CREE LED

LED CMU10xx  
 FWHM / FWTM 48.0° / 72.0°  
 Efficiency 81 %  
 Peak intensity 1.3 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



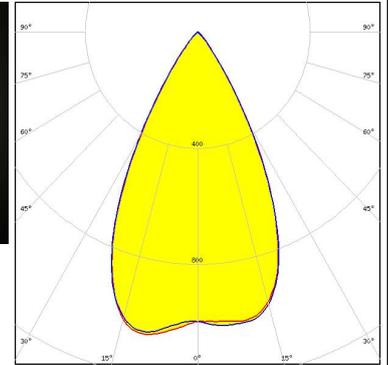
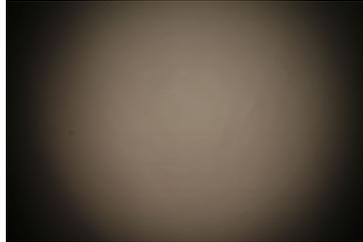
##### CREE LED

LED CXA/B 13xx  
 FWHM / FWTM 55.0° / 74.0°  
 Efficiency 84 %  
 Peak intensity 1.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17439\_HEKLA-G2-J



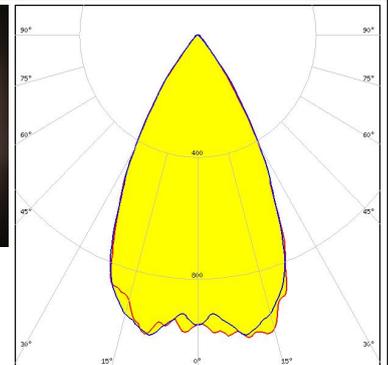
##### CREE LED

LED CXA/B 15xx  
 FWHM / FWTM 54.0° / 75.0°  
 Efficiency 84 %  
 Peak intensity 1.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17436\_HEKLA-G2-D



##### LEDIM

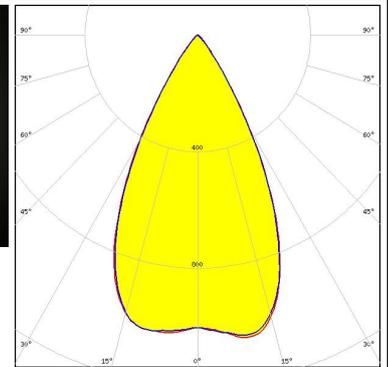
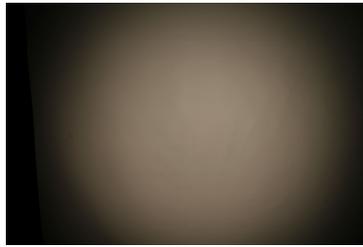
LED LEDIM/C6  
 FWHM / FWTM 57.0° / 78.0°  
 Efficiency 83 %  
 Peak intensity 1 cd/m  
 LEDs/each optic 9  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



#### OPTICAL RESULTS (MEASURED):

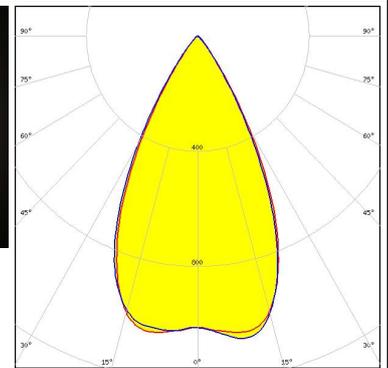
##### LUMILEDS

LED LUXEON CoB 1202/1203  
 FWHM / FWTM 54.0° / 75.0°  
 Efficiency 83 %  
 Peak intensity 1.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17437\_HEKLA-G2-H



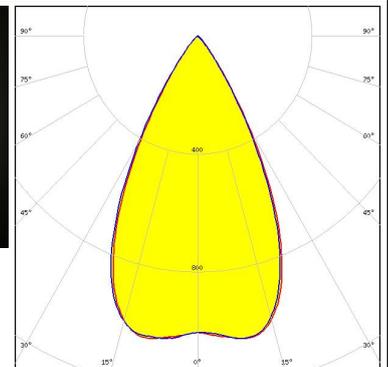
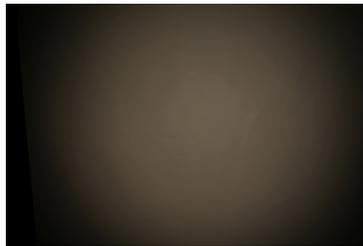
##### LUMILEDS

LED LUXEON CoB 1204HD  
 FWHM / FWTM 53.0° / 75.0°  
 Efficiency 83 %  
 Peak intensity 1.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17437\_HEKLA-G2-H



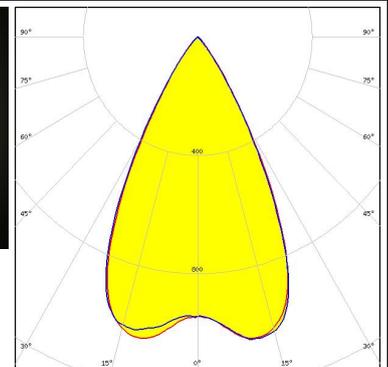
##### LUMILEDS

LED LUXEON CoB M02/M03  
 FWHM / FWTM 54.0° / 75.0°  
 Efficiency 84 %  
 Peak intensity 1.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17436\_HEKLA-G2-D

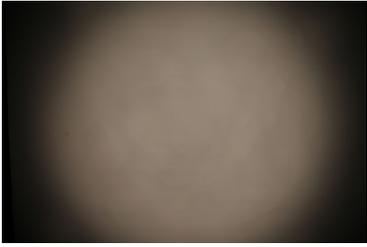
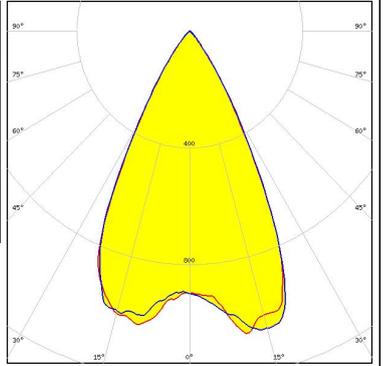
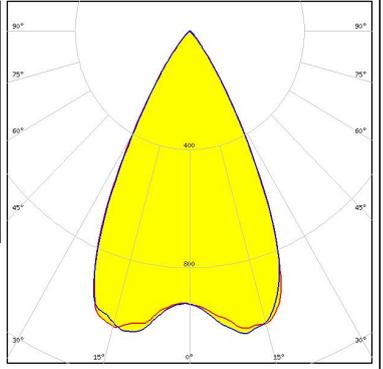
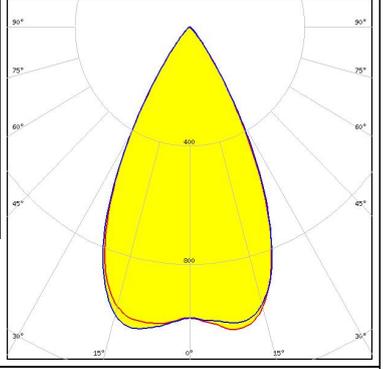
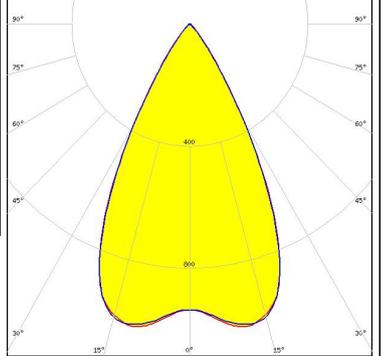


##### LUMILEDS

LED LUXEON CoB S01  
 FWHM / FWTM 55.0° / 75.0°  
 Efficiency 84 %  
 Peak intensity 1.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17439\_HEKLA-G2-J



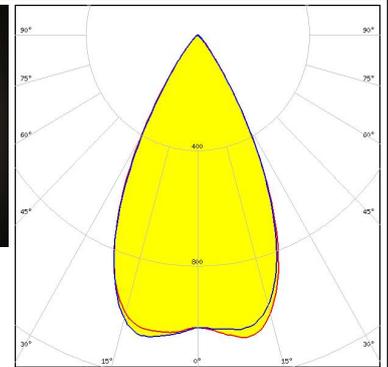
#### OPTICAL RESULTS (MEASURED):

<p><b>LUMINUS</b></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><b>LUMINUS</b></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><b>NICHIA</b></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><b>NICHIA</b></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):

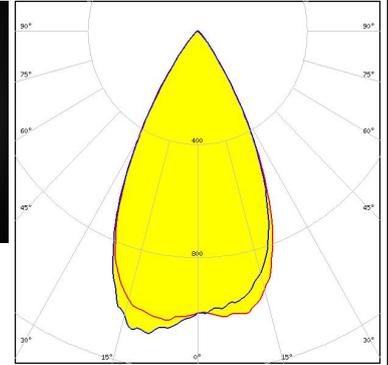
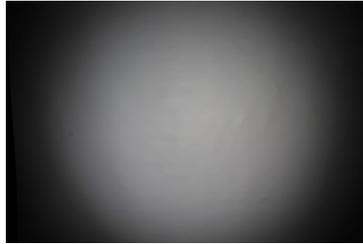
### PHILIPS

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

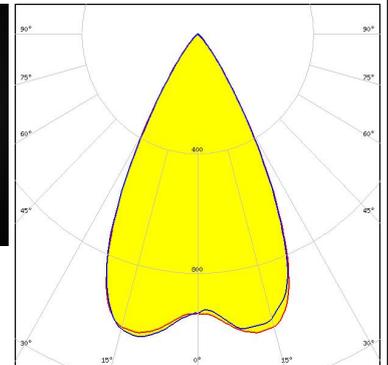


### SAMSUNG

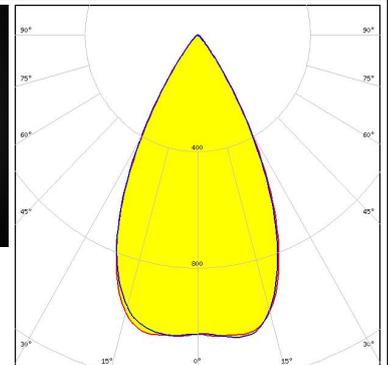
LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 54.0° / 76.0°  
 Efficiency 83 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



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



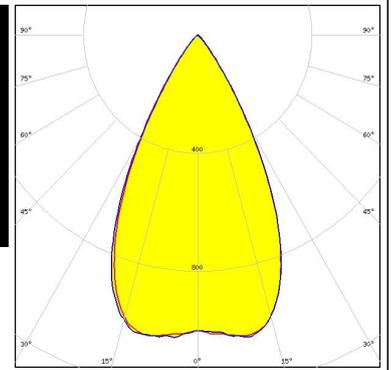
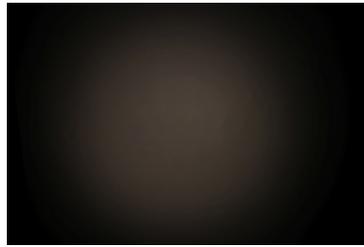
LED MJT COB LES 9.8  
 FWHM / FWTM 54.0° / 76.0°  
 Efficiency 83 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



### OPTICAL RESULTS (MEASURED):

#### TRIDONIC

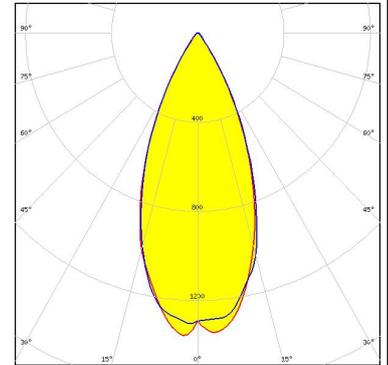
LED SLE G7 LES09  
FWHM / FWTM 54.0° / 76.0°  
Efficiency 84 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C



#### OPTICAL RESULTS (SIMULATED):

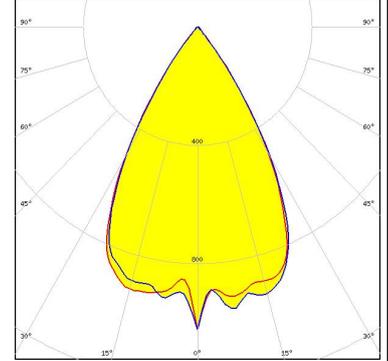
bridgelux

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



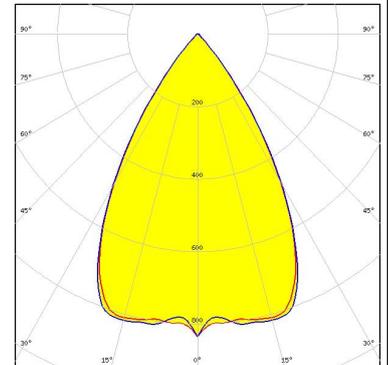
#### CITIZEN

LED: CLU712/713  
 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



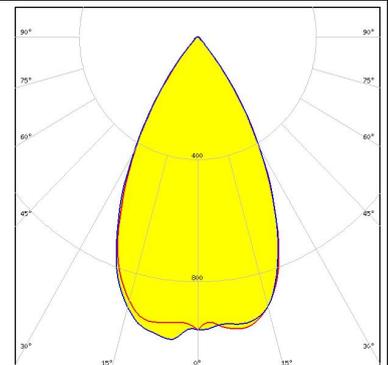
NICHIA

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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