

## YASMEEN-50-M-C

~26° wide beam. Assembly with holder C compatible with HEKLA sockets and connectors. Black version.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.9 mm
Height	28.1 mm
ROHS compliant	yes ⓘ

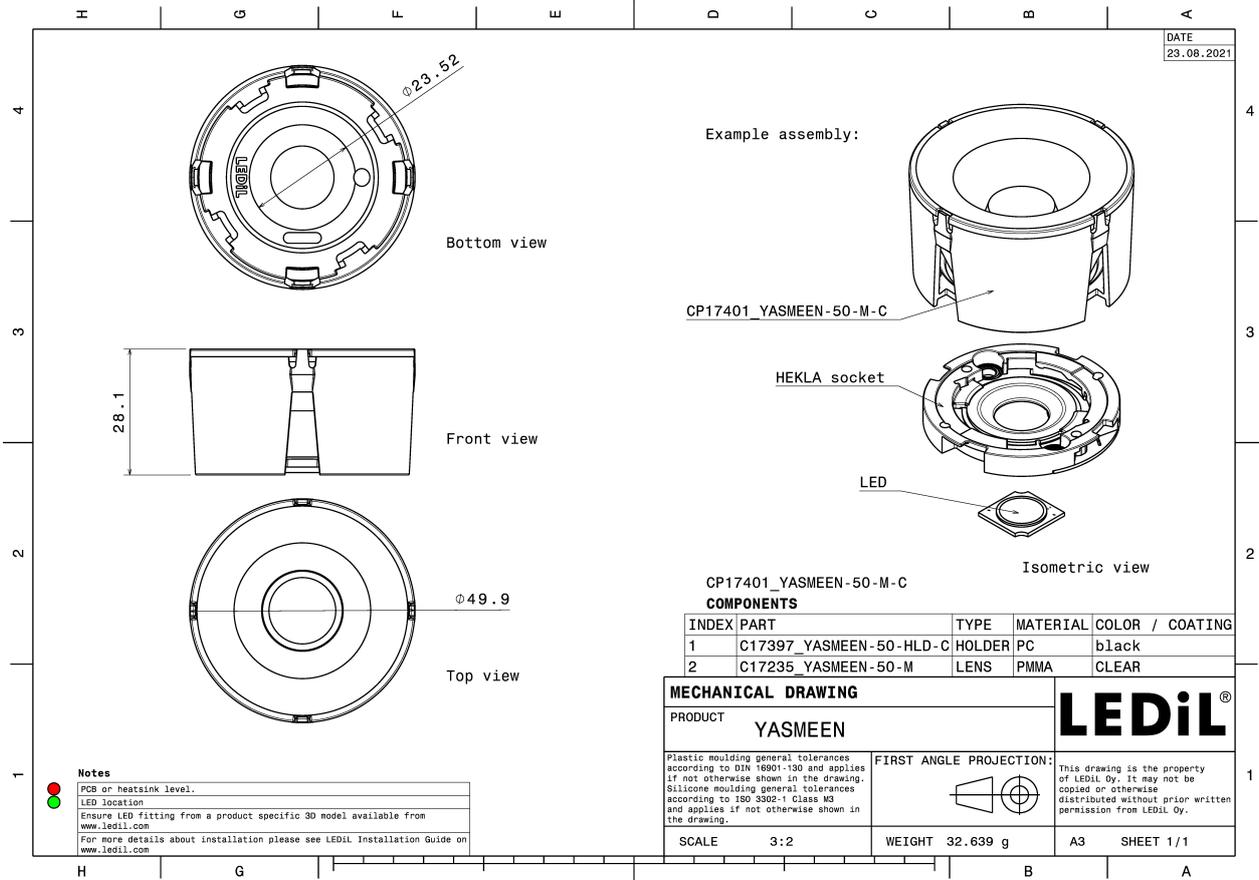


### MATERIAL SPECIFICATIONS:

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

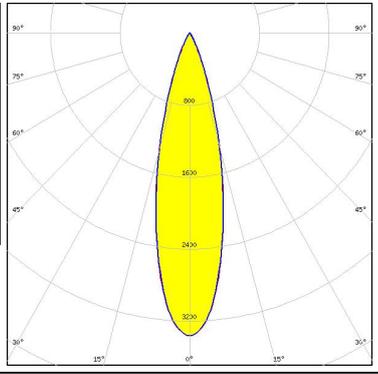
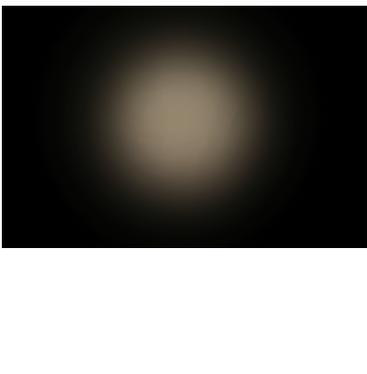
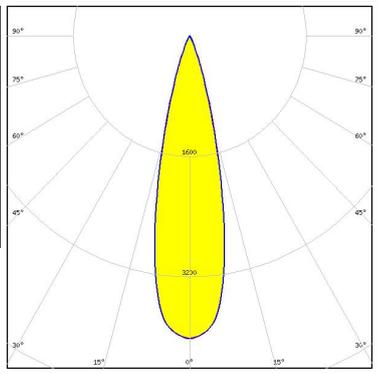
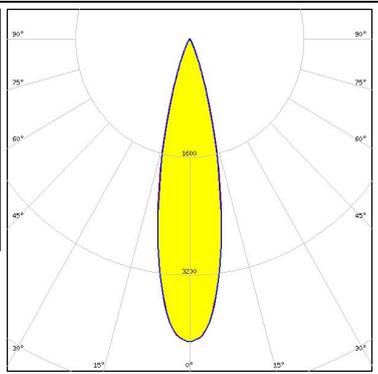
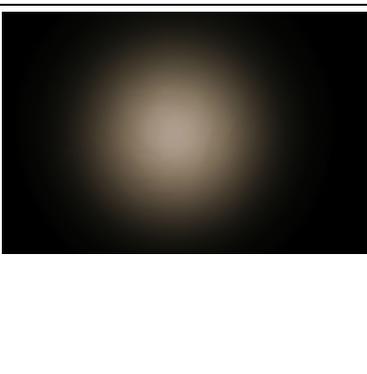
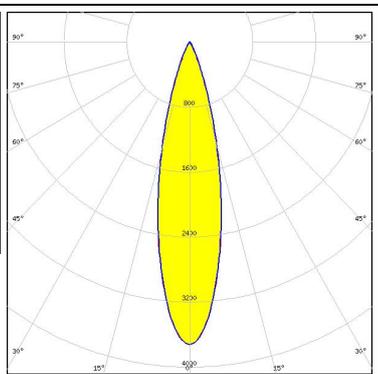
### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP17401_YASMEEN-50-M-C » Box size: 476 x 273 x 305 mm	Single lens	252	112	28	9.8

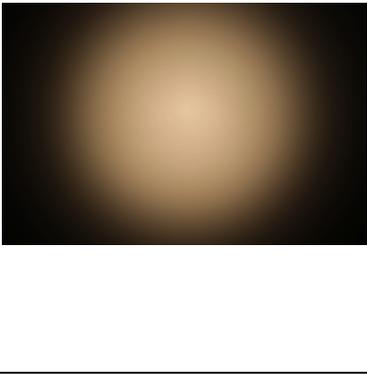
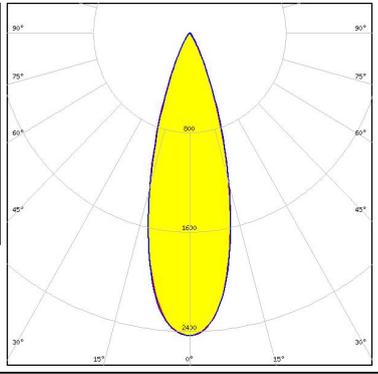
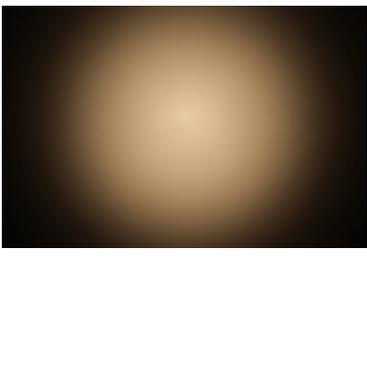
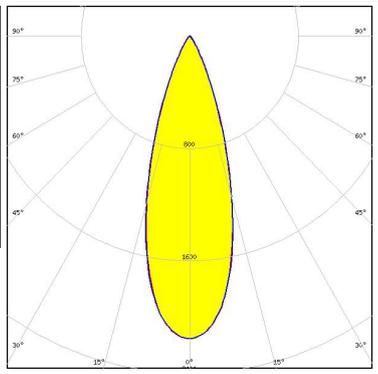
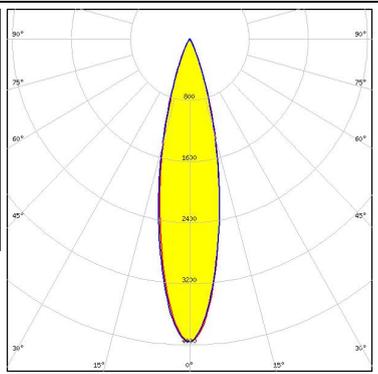
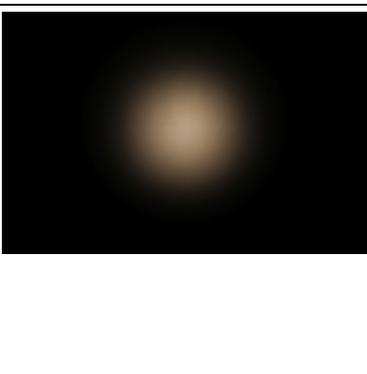
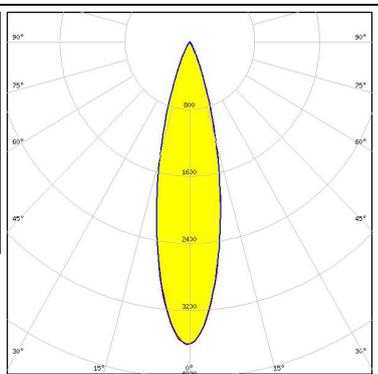


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V11 HD</p> <p>FWHM / FWTM 26.0° / 48.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 3.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 633d Hekla</p>		
<p>bridgelux.</p> <p>LED V4 HD</p> <p>FWHM / FWTM 25.0° / 42.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>		
<p>bridgelux.</p> <p>LED V6 HD</p> <p>FWHM / FWTM 24.0° / 43.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 4.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15255_HEKLA-SOCKET-C</p>		
<p>bridgelux.</p> <p>LED VERO10</p> <p>FWHM / FWTM 24.5° / 46.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 3.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15616_HEKLA-SOCKET-F</p>		

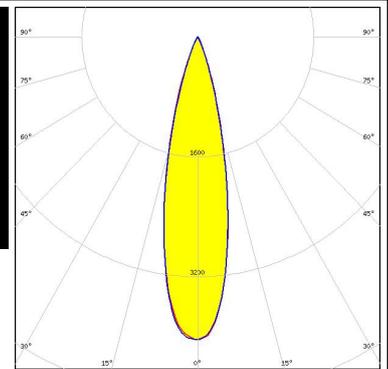
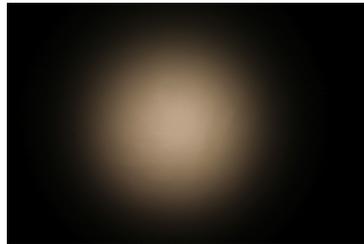
#### PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED Vesta DTW 13mm (21W)            FWHM / FWTM 31.0° / 54.0°            Efficiency 80 %            Peak intensity 2.4 cd/lm            LEDs/each optic 1            Light colour Tunable White            Required components:            Bender Wirth: 632b Hekla XL</p>		
<p></p> <p>LED Vesta DTW 15mm (33W)            FWHM / FWTM 33.0° / 57.0°            Efficiency 79 %            Peak intensity 2.2 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 23.0° / 45.0°            Efficiency 84 %            Peak intensity 4 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 652b Hekla</p>		
<p><b>CITIZEN</b></p> <p>LED CLL02x/CLU02x (LES10)            FWHM / FWTM 24.0° / 46.0°            Efficiency 84 %            Peak intensity 3.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17435_HEKLA-G2-C</p>		

#### PHOTOMETRIC DATA (MEASURED):

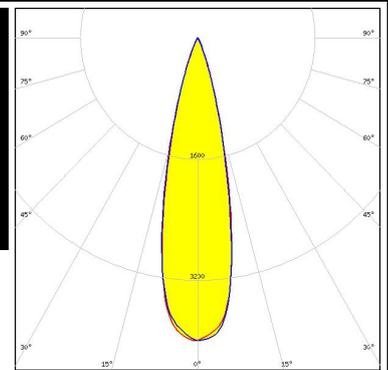
#### CITIZEN

LED CLU700/701/702  
 FWHM / FWTM 24.0° / 43.0°  
 Efficiency 85 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



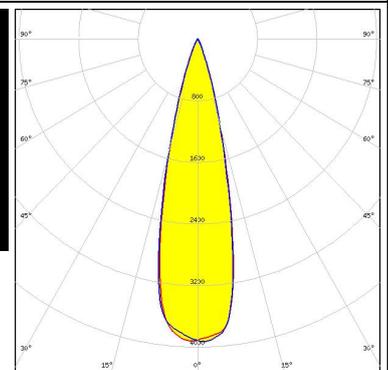
#### CITIZEN

LED CLU7A2 (LES 4.2mm)  
 FWHM / FWTM 25.0° / 42.0°  
 Efficiency 85 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



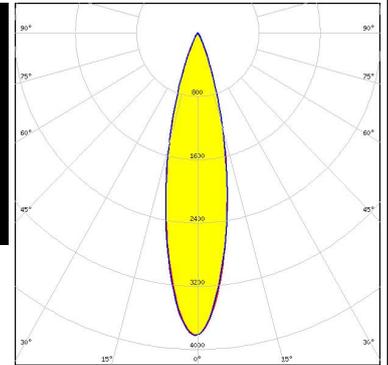
#### CITIZEN

LED CLU7B2  
 FWHM / FWTM 25.0° / 42.0°  
 Efficiency 85 %  
 Peak intensity 3.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



#### CREE LED

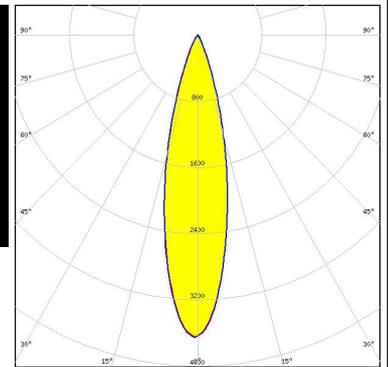
LED CMA1516  
 FWHM / FWTM 24.0° / 45.0°  
 Efficiency 84 %  
 Peak intensity 3.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17436\_HEKLA-G2-D



#### PHOTOMETRIC DATA (MEASURED):

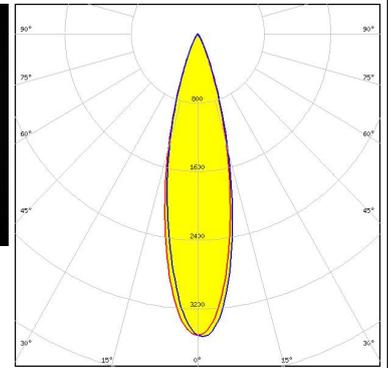
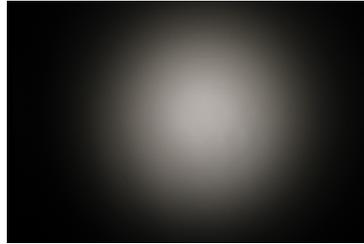
##### CREE LED

LED CMT14xx  
 FWHM / FWTM 24.0° / 46.0°  
 Efficiency 84 %  
 Peak intensity 3.7 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



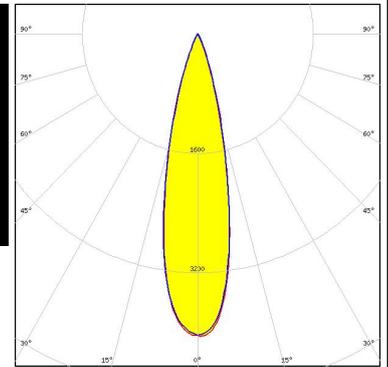
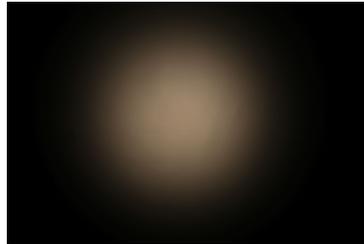
##### CREE LED

LED CMU10xx  
 FWHM / FWTM 25.0° / 47.0°  
 Efficiency 83 %  
 Peak intensity 3.5 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



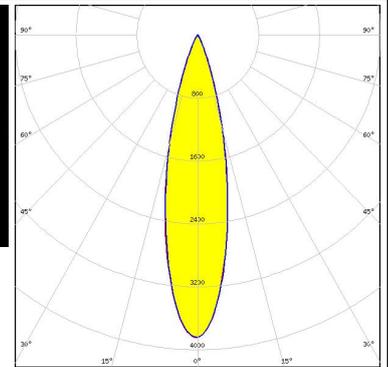
##### CREE LED

LED CXA/B 13xx  
 FWHM / FWTM 25.0° / 43.0°  
 Efficiency 86 %  
 Peak intensity 4.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17439\_HEKLA-G2-J

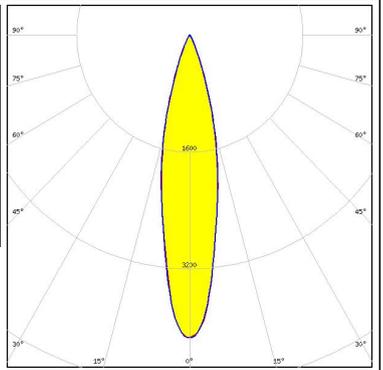
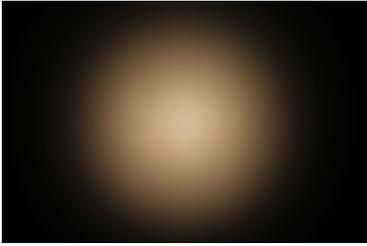
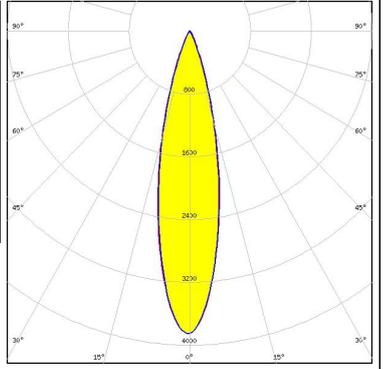
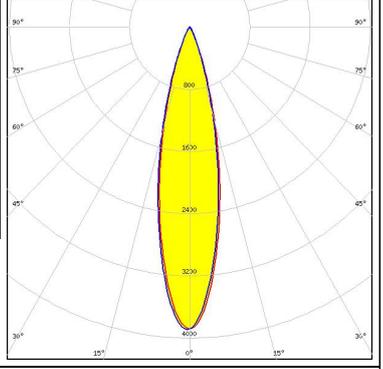
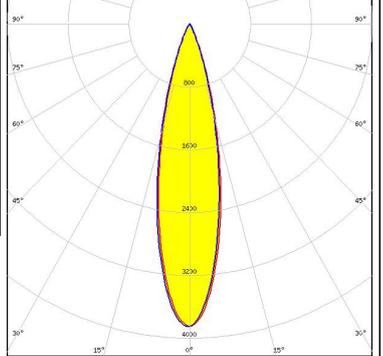


##### CREE LED

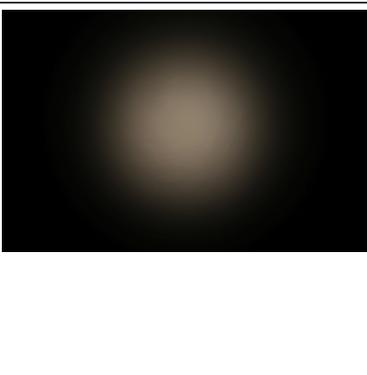
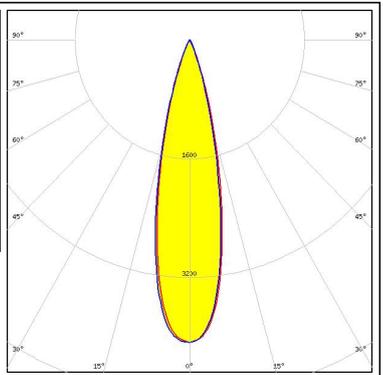
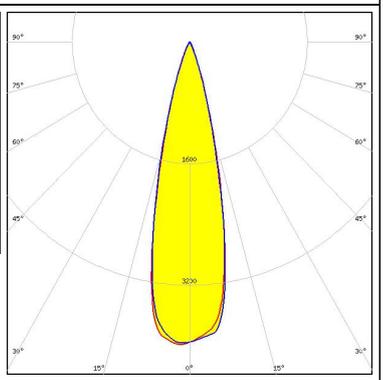
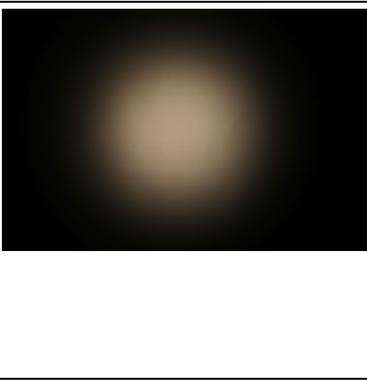
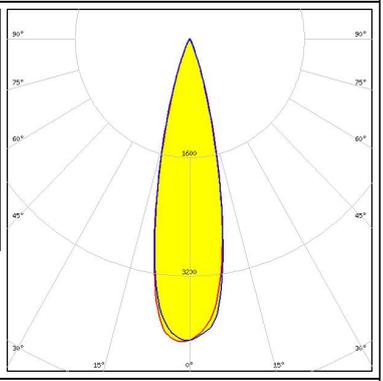
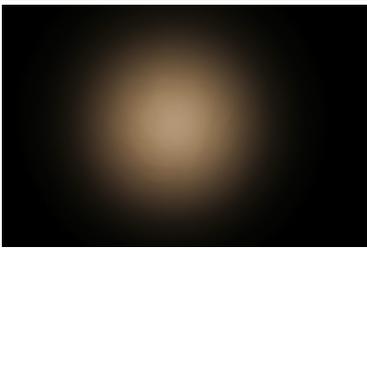
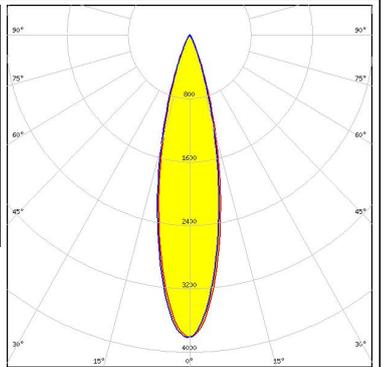
LED CXA/B 15xx  
 FWHM / FWTM 24.0° / 45.0°  
 Efficiency 84 %  
 Peak intensity 3.8 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17436\_HEKLA-G2-D



#### PHOTOMETRIC DATA (MEASURED):

<p><b>LEDiM</b></p> <p>LED LEDIM/C6            FWHM / FWTM 22.0° / 44.0°            Efficiency 84 %            Peak intensity 4.2 cd/m            LEDs/each optic 9            Light colour White            Required components:            F17438_HEKLA-G2-I</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1202/1203            FWHM / FWTM 24.0° / 45.0°            Efficiency 83 %            Peak intensity 3.9 cd/m            LEDs/each optic 1            Light colour White            Required components:            F17437_HEKLA-G2-H</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1204HD            FWHM / FWTM 23.0° / 45.0°            Efficiency 83 %            Peak intensity 3.9 cd/m            LEDs/each optic 1            Light colour White            Required components:            F17437_HEKLA-G2-H</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB M02/M03            FWHM / FWTM 24.0° / 45.0°            Efficiency 84 %            Peak intensity 3.9 cd/m            LEDs/each optic 1            Light colour White            Required components:            F17436_HEKLA-G2-D</p>		

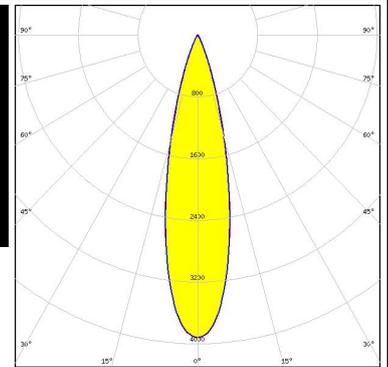
#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB S01</p> <p>FWHM / FWTM 24.0° / 42.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 4.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17439_HEKLA-G2-J</p>		
<p><b>LUMINUS</b></p> <p>LED CXM-3</p> <p>FWHM / FWTM 25.0° / 42.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17435_HEKLA-G2-C</p>		
<p><b>LUMINUS</b></p> <p>LED CXM-4</p> <p>FWHM / FWTM 24.0° / 42.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 4.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17435_HEKLA-G2-C</p>		
<p><b>NICHIA</b></p> <p>LED COB L-Type (LES 9)</p> <p>FWHM / FWTM 24.0° / 45.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 3.8 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		

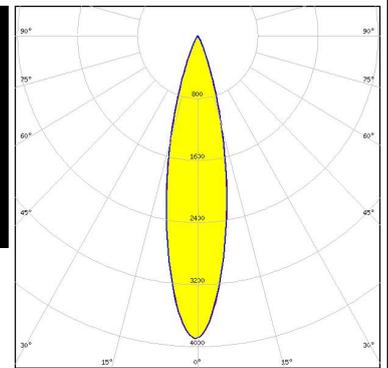
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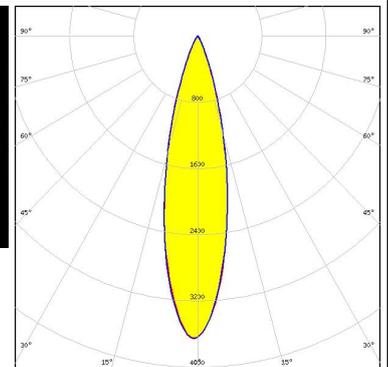
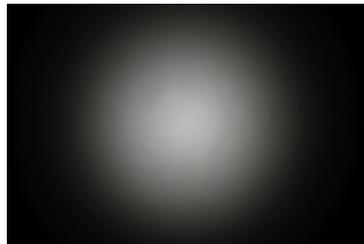
LED COB S-Type (LES 7)  
 FWHM / FWTM 24.0° / 44.0°  
 Efficiency 85 %  
 Peak intensity 3.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



LED Fortimo SLM L09 CoB  
 FWHM / FWTM 23.0° / 45.0°  
 Efficiency 83 %  
 Peak intensity 3.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17437\_HEKLA-G2-H

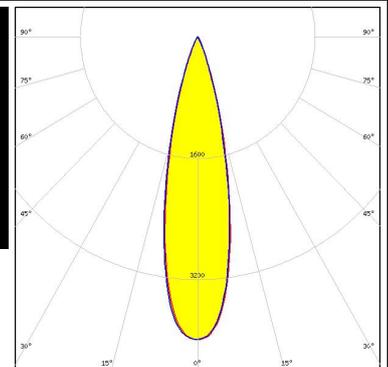
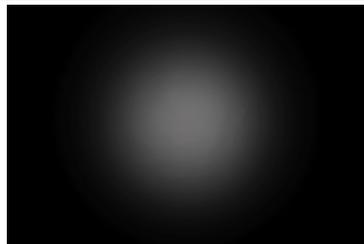


LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 24.0° / 46.0°  
 Efficiency 84 %  
 Peak intensity 3.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C

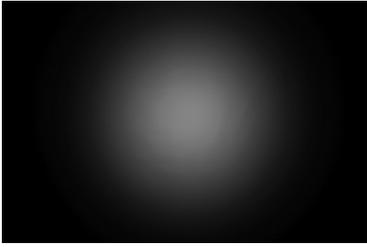
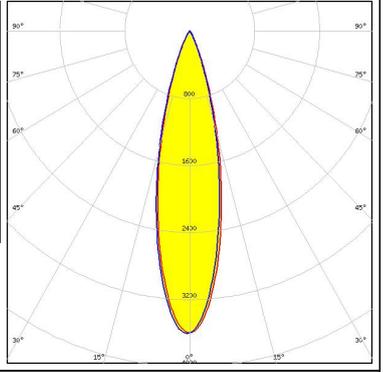
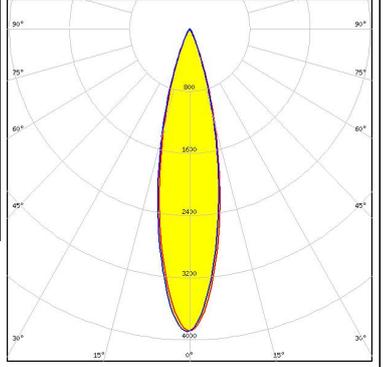


SEOUL SEMICONDUCTOR

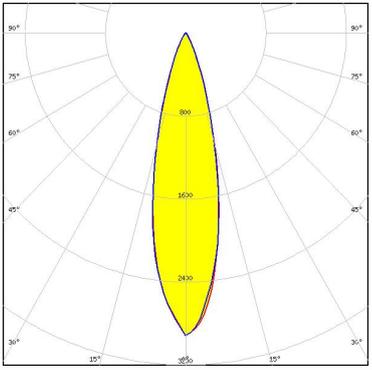
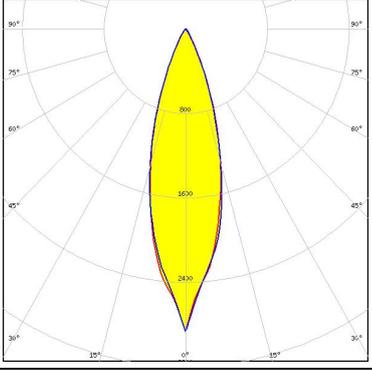
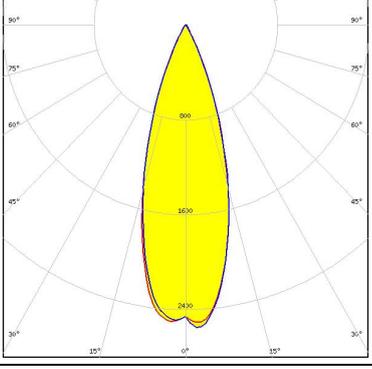
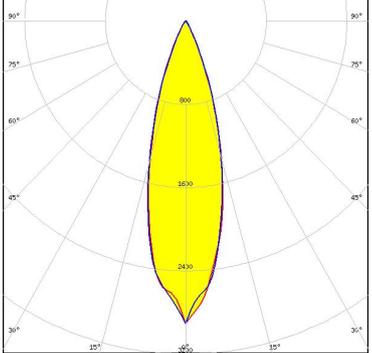
LED MJT COB LES 6  
 FWHM / FWTM 24.0° / 43.0°  
 Efficiency 85 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



#### PHOTOMETRIC DATA (MEASURED):

<p><b>SEOL</b> SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 9.8</p> <p>FWHM / FWTM 25.0° / 46.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 3.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17435_HEKLA-G2-C</p>		
<p><b>TRIDONIC</b></p> <p>LED SLE G7 LES09</p> <p>FWHM / FWTM 24.0° / 45.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 3.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17435_HEKLA-G2-C</p>		

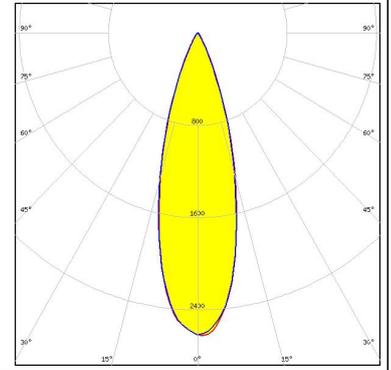
#### PHOTOMETRIC DATA (SIMULATED):

<p></p> <p>LED: Vero SE 13            FWHM / FWTM: 26.0° / 48.0°            Efficiency: 73 %            Peak intensity: 2.9 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            C16142_HEKLA-SOCKET-K</p>	
<p></p> <p>LED: Vesta TW 13mm (25W) CSP            FWHM / FWTM: 28.0° / 54.0°            Efficiency: 83 %            Peak intensity: 2.9 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            C16142_HEKLA-SOCKET-K</p>	
<p></p> <p>LED: Vesta TW 9mm (12W) CSP            FWHM / FWTM: 32.0° / 54.0°            Efficiency: 85 %            Peak intensity: 2.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            C16142_HEKLA-SOCKET-K</p>	
<p></p> <p>LED: NVCWJ024Z-V1MT: COB J-Type Tunable White            FWHM / FWTM: 28.0° / 52.0°            Efficiency: 83 %            Peak intensity: 2.9 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            C16142_HEKLA-SOCKET-K            Bender Wirth: 498 Typ L8 HV</p>	

### PHOTOMETRIC DATA (SIMULATED):

#### TRIDONIC

LED	SLE G7 LES13
FWHM / FWTM	30.0° / 52.0°
Efficiency	80 %
Peak intensity	2.7 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.

#### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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