

## 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 ⓘ

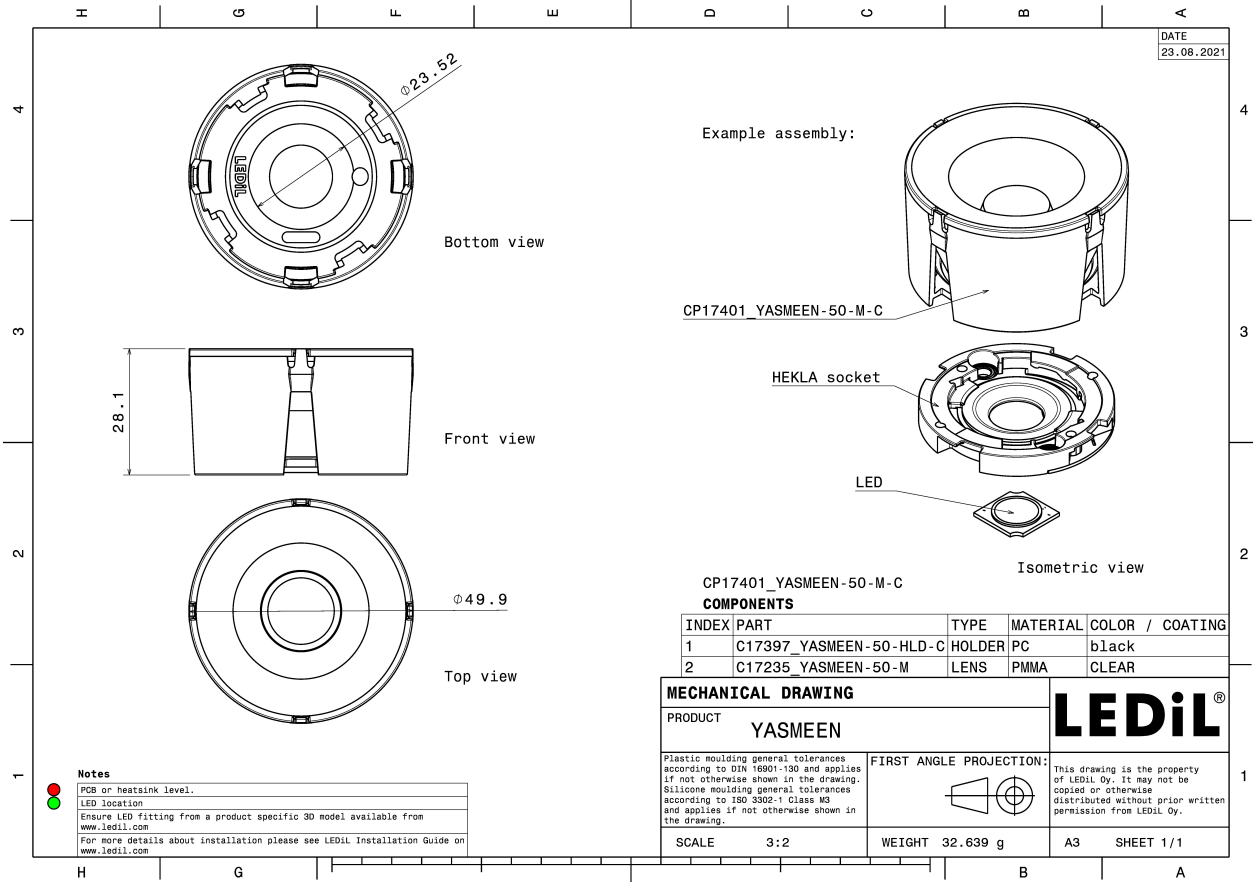


### MATERIAL SPECIFICATIONS:

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


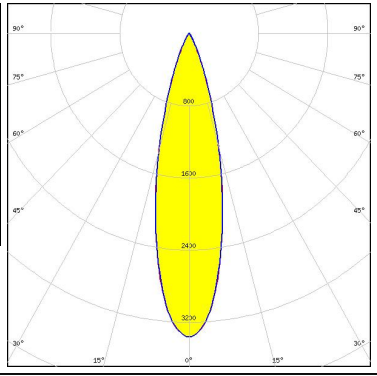

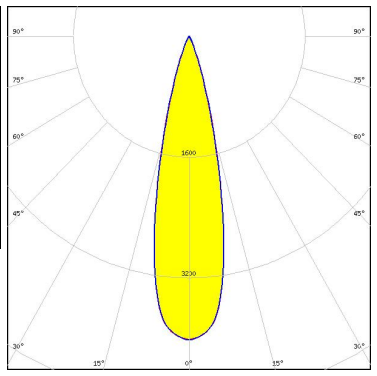

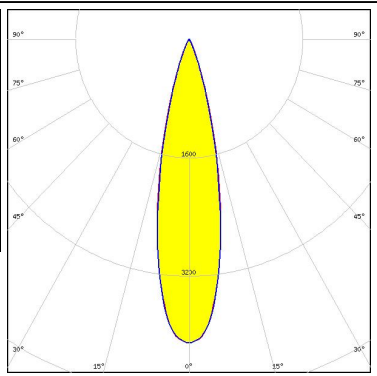

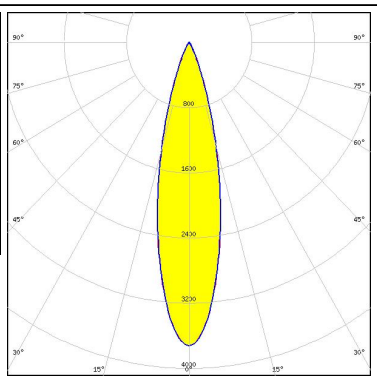
### ORDERING INFORMATION:

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



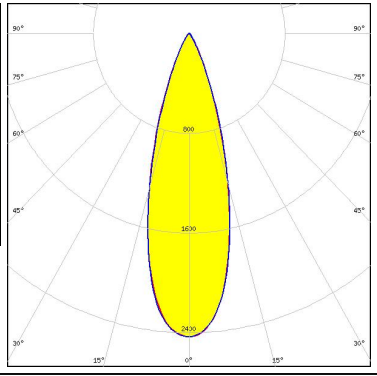


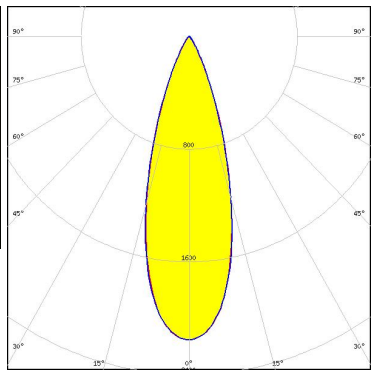


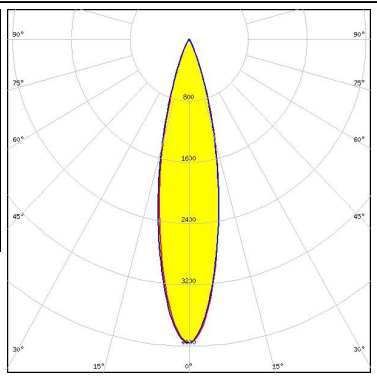

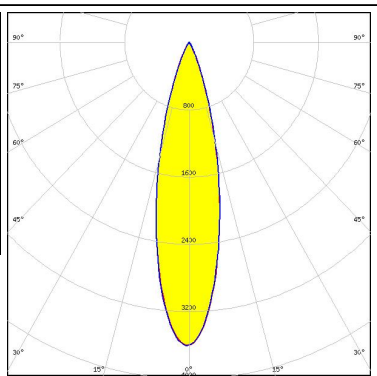


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### 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):

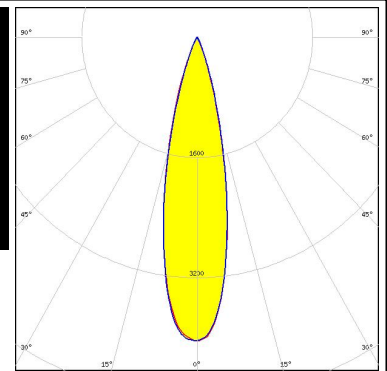
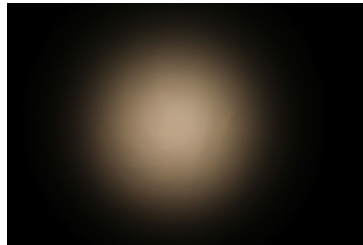
<p></p> <p>LED Vesta DTW 13mm (21W)            FWHM / FWTM 31.0° / 54.0°            Efficiency 80 %            Peak intensity 2.4 cd/lm            LEDs/each optic 1            Light colour Tunable White            Required components:            Bender Wirth: 632b Hekla XL</p>		
<p></p> <p>LED Vesta 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):

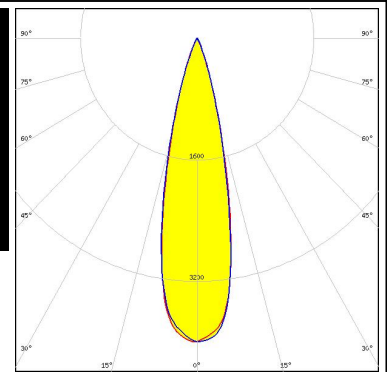
#### CITIZEN

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



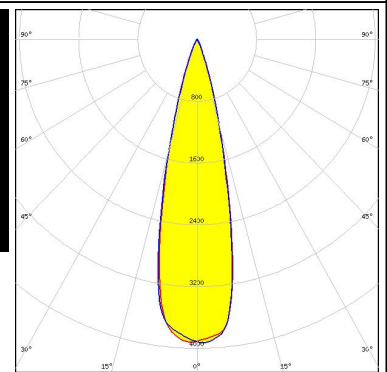
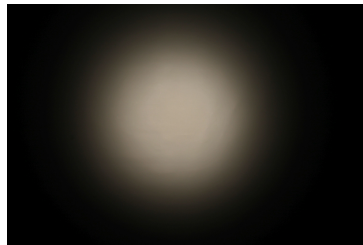
#### CITIZEN

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



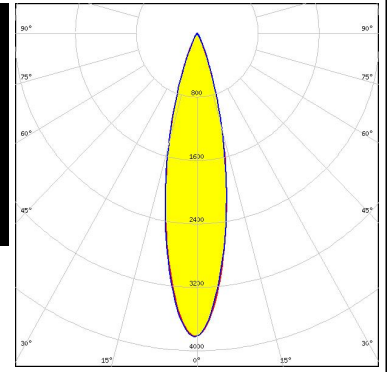
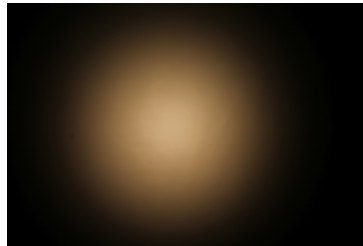
#### CITIZEN

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

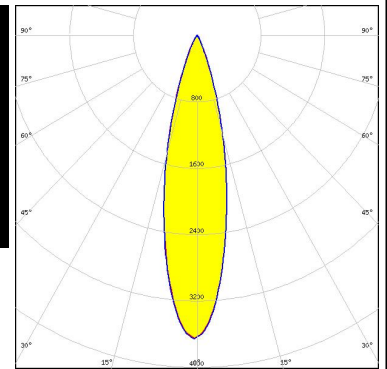
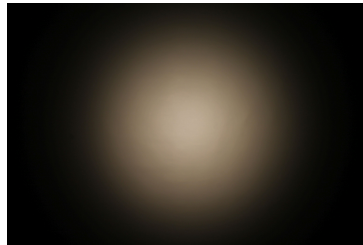
LED CMA1516  
 FWHM / FWTM 24.0° / 45.0°  
 Efficiency 84 %  
 Peak intensity 3.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17436\_HEKLA-G2-D



#### PHOTOMETRIC DATA (MEASURED):

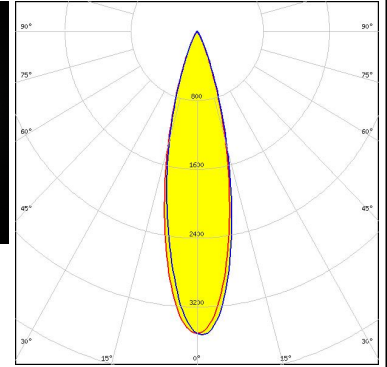
##### CREE LED

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



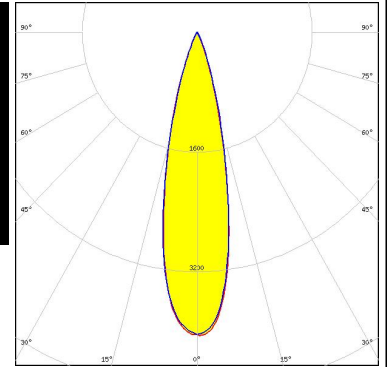
##### CREE LED

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



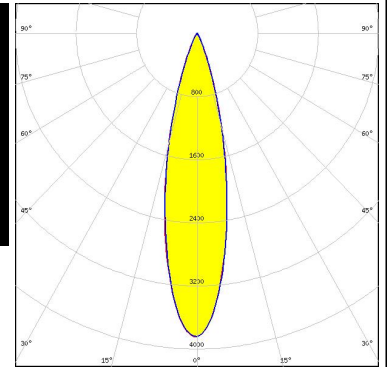
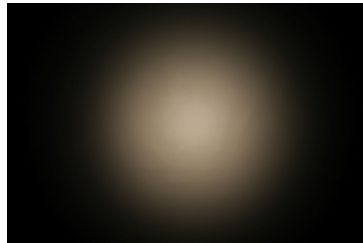
##### CREE LED

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


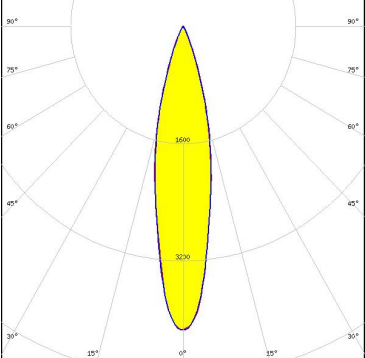

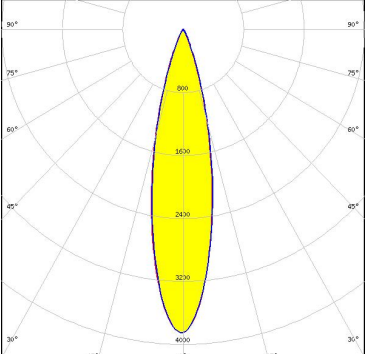
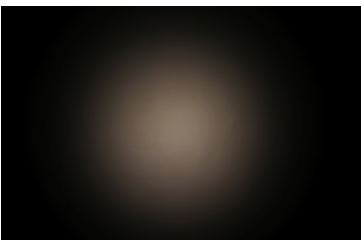
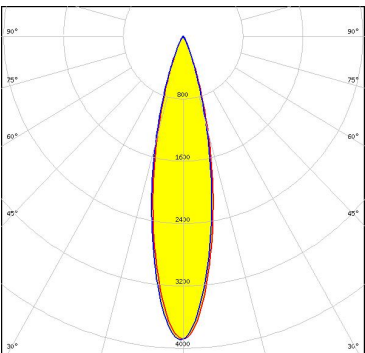
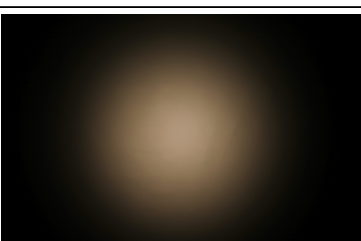
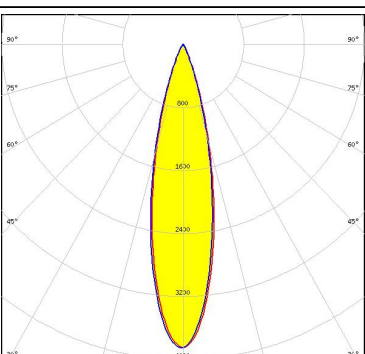


##### CREE LED


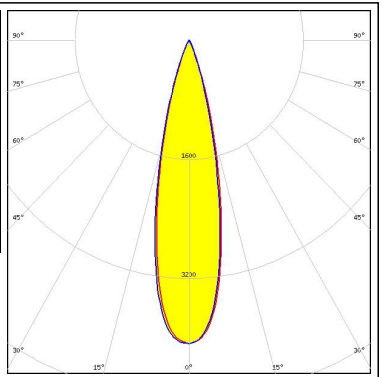

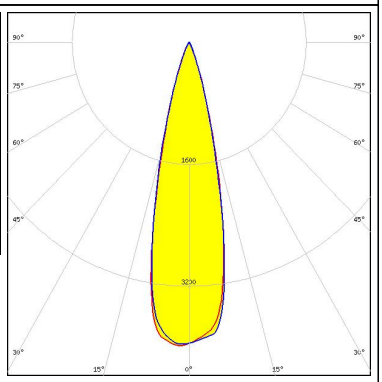

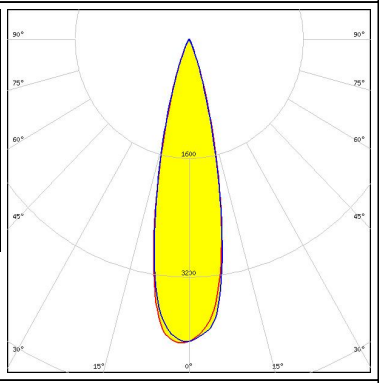

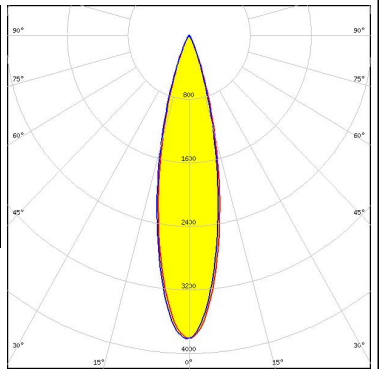
LED CXA/B 15xx  
 FWHM / FWTM 24.0° / 45.0°  
 Efficiency 84 %  
 Peak intensity 3.8 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17436\_HEKLA-G2-D



#### PHOTOMETRIC DATA (MEASURED):


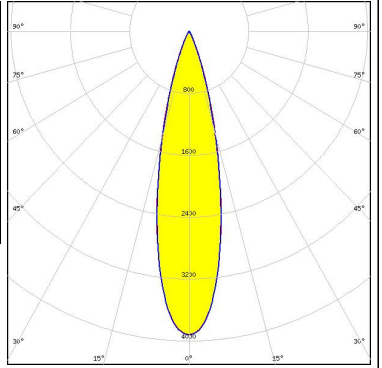

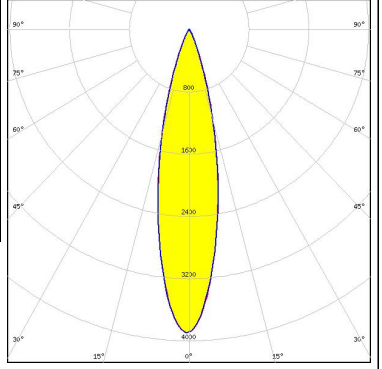
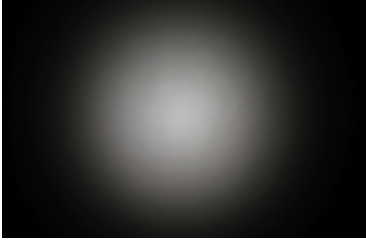
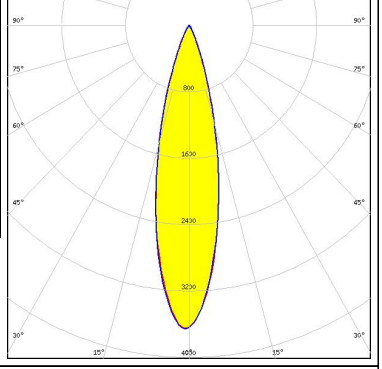

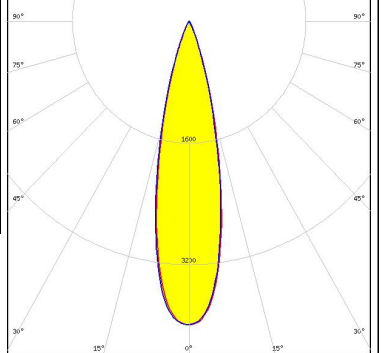
<p><b>LEDiM</b></p> <p>LED LEDIM/C6            FWHM / FWTM 22.0° / 44.0°            Efficiency 84 %            Peak intensity 4.2 cd/m            LEDs/each optic 9            Light colour White            Required components:            F17438_HEKLA-G2-I</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 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):


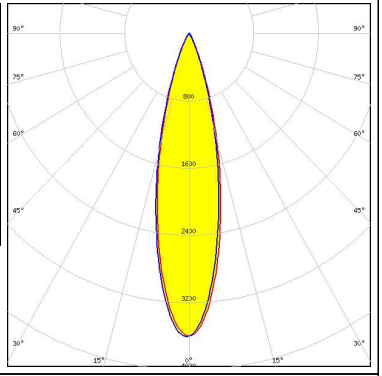

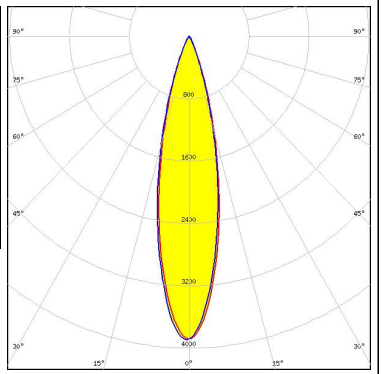
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB S01</p> <p>FWHM / FWTM 24.0° / 42.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 4.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17439_HEKLA-G2-J</p>		
<p><b>LUMINUS</b></p> <p>LED CXM-3</p> <p>FWHM / FWTM 25.0° / 42.0°</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>		



#### PHOTOMETRIC DATA (MEASURED):


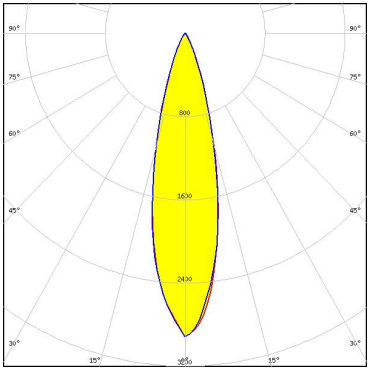

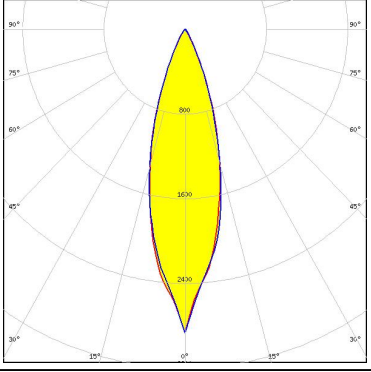

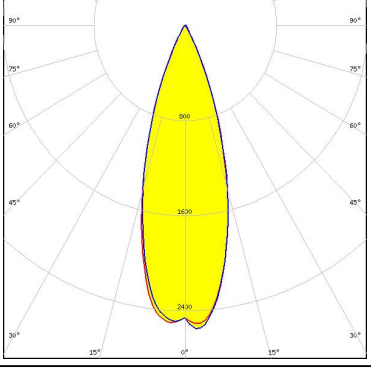

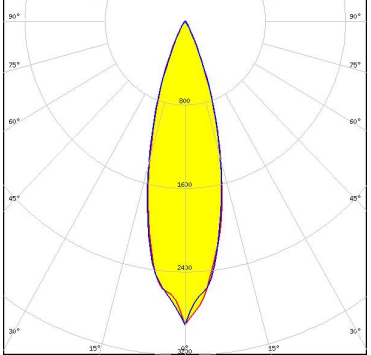
<p><b>NICHIA</b></p> <p>LED COB S-Type (LES 7)</p> <p>FWHM / FWTM 24.0° / 44.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 3.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15848_HEKLA-SOCKET-G</p>		
<p><b>PHILIPS</b></p> <p>LED Fortimo SLM L09 CoB</p> <p>FWHM / FWTM 23.0° / 45.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 3.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p><b>SAMSUNG</b></p> <p>LED LC003D / LC006D / LC009D / LC013D</p> <p>FWHM / FWTM 24.0° / 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: F17435_HEKLA-G2-C</p>		
<p><b>SEOL</b> SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 6</p> <p>FWHM / FWTM 24.0° / 43.0°</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: F17435_HEKLA-G2-C</p>		

#### 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

