

## YASMEEN-50-S-C

~15° spot 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 ⓘ

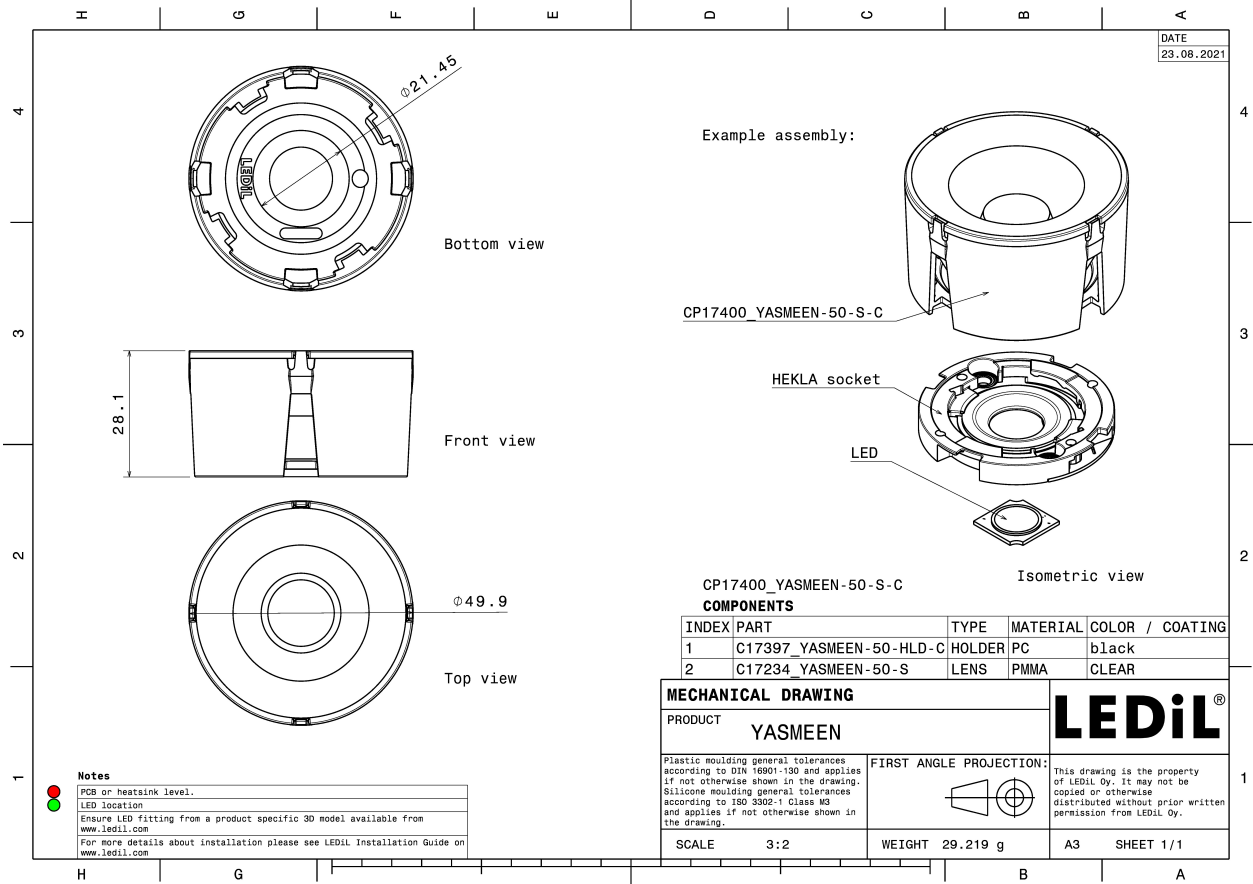


### MATERIAL SPECIFICATIONS:

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



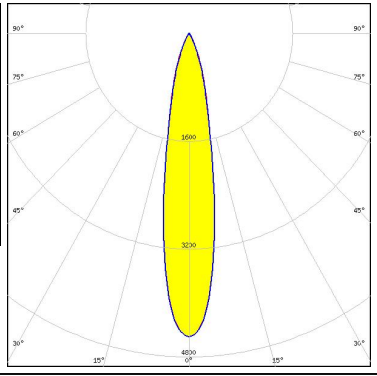


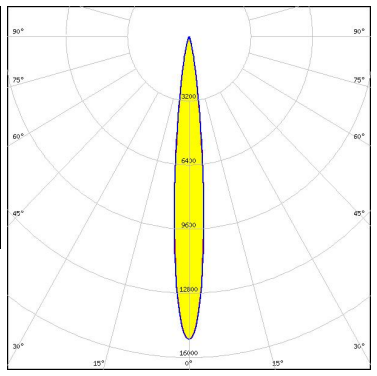


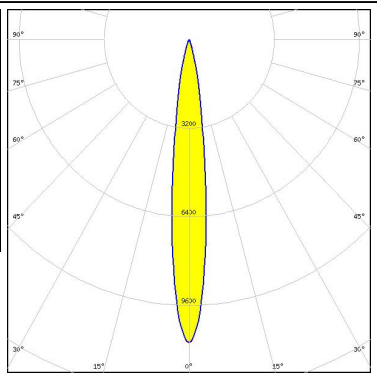


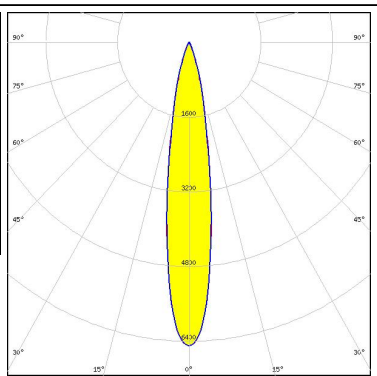
### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17400_YASMEEN-50-S-C	Single lens	252	112	28	8.9
» Box size: 476 x 273 x 305 mm					



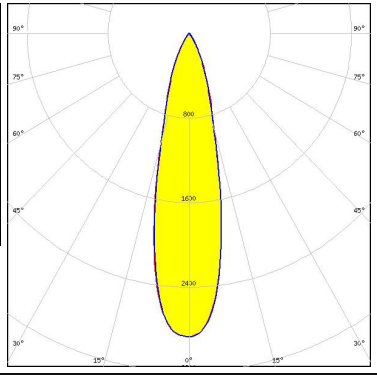


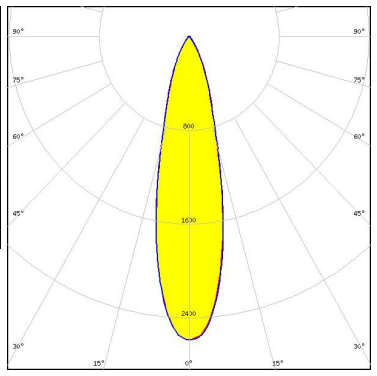


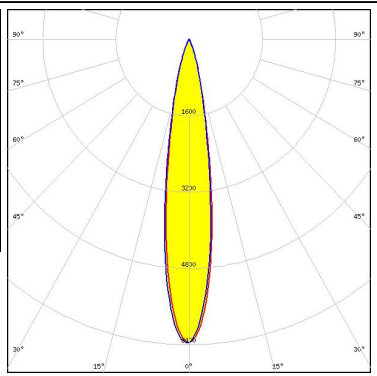

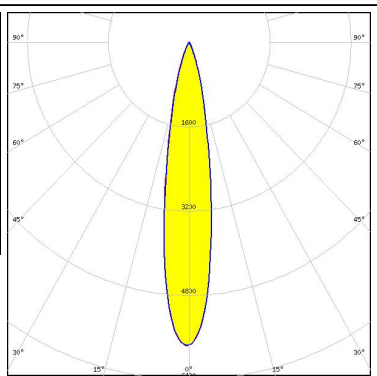


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED V11 HD            FWHM / FWTM 20.0° / 43.0°            Efficiency 81 %            Peak intensity 4.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 633d Hekla</p>		
<p></p> <p>LED V4 HD            FWHM / FWTM 11.0° / 23.0°            Efficiency 89 %            Peak intensity 15.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15253_HEKLA-SOCKET-A</p>		
<p></p> <p>LED V6 HD            FWHM / FWTM 13.0° / 28.0°            Efficiency 89 %            Peak intensity 11 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15255_HEKLA-SOCKET-C</p>		
<p></p> <p>LED VERO10            FWHM / FWTM 17.0° / 37.0°            Efficiency 87 %            Peak intensity 6.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15616_HEKLA-SOCKET-F</p>		

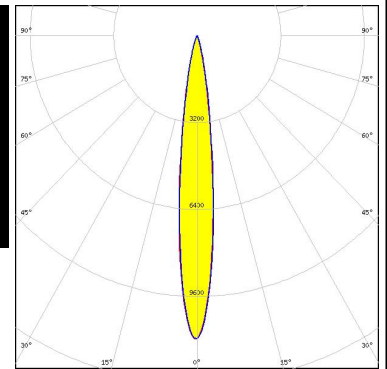
#### PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED Vesta DTW 13mm (21W)            FWHM / FWTM 25.0° / 53.0°            Efficiency 78 %            Peak intensity 2.9 cd/m            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 26.0° / 55.0°            Efficiency 75 %            Peak intensity 2.6 cd/m            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 18.0° / 37.0°            Efficiency 86 %            Peak intensity 6.4 cd/m            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 18.0° / 38.0°            Efficiency 86 %            Peak intensity 5.8 cd/m            LEDs/each optic 1            Light colour White            Required components:            F17435_HEKLA-G2-C</p>		

#### PHOTOMETRIC DATA (MEASURED):

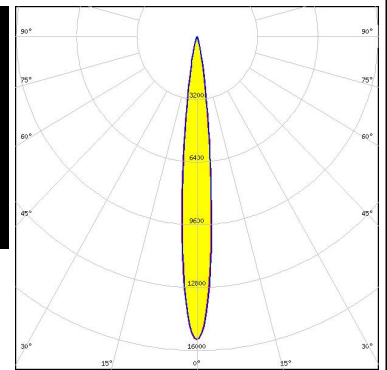
#### CITIZEN

LED CLU700/701/702  
 FWHM / FWTM 13.0° / 27.0°  
 Efficiency 89 %  
 Peak intensity 11.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



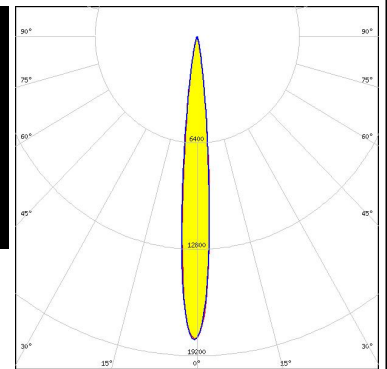
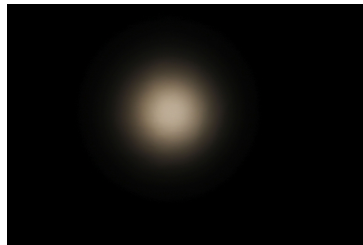
#### CITIZEN

LED CLU7A2 (LES 4.2mm)  
 FWHM / FWTM 11.0° / 23.0°  
 Efficiency 89 %  
 Peak intensity 15.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



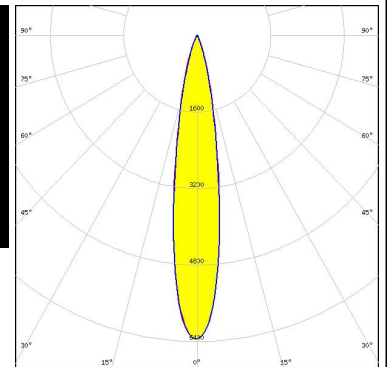
#### CITIZEN

LED CLU7B2  
 FWHM / FWTM 10.0° / 21.0°  
 Efficiency 89 %  
 Peak intensity 18.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C


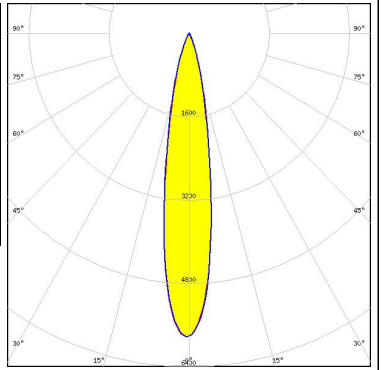

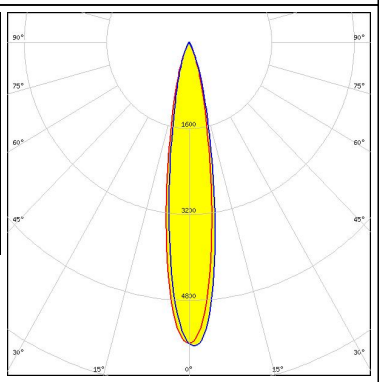

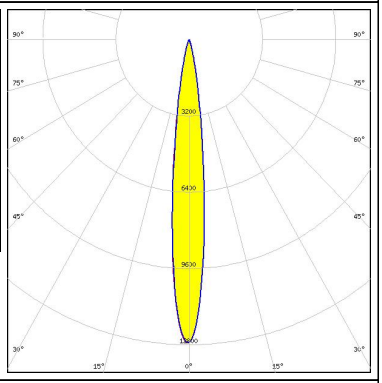

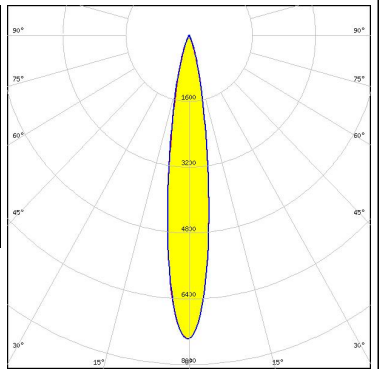


#### CREE LED


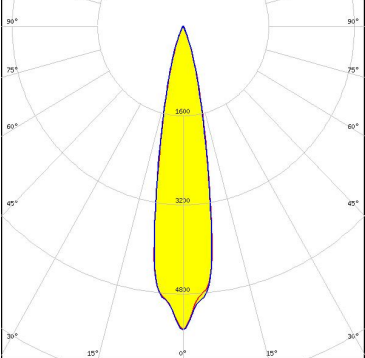

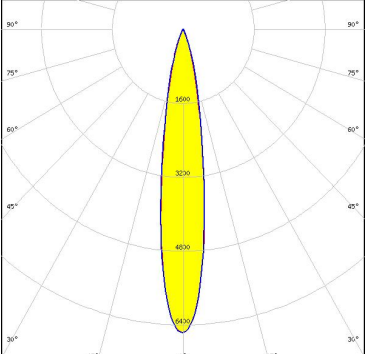
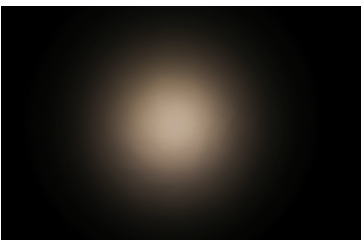
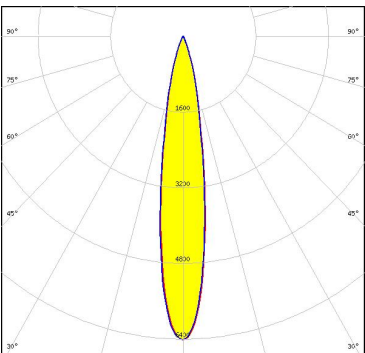

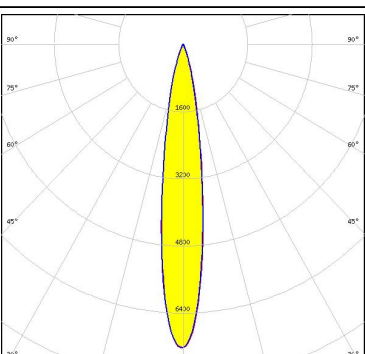
LED CMA1516  
 FWHM / FWTM 17.0° / 36.0°  
 Efficiency 87 %  
 Peak intensity 6.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17436\_HEKLA-G2-D



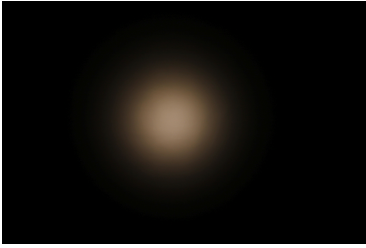
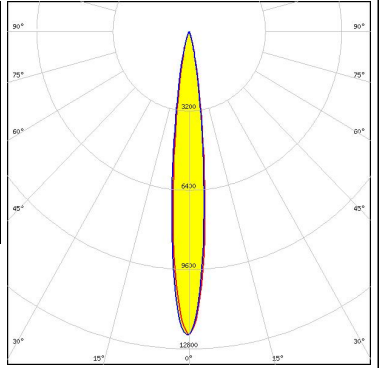
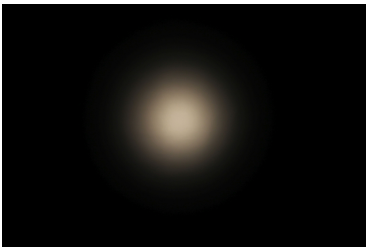
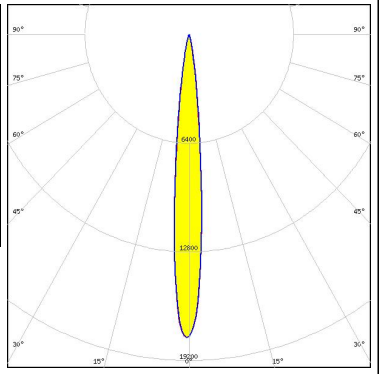
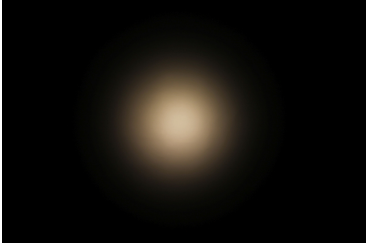
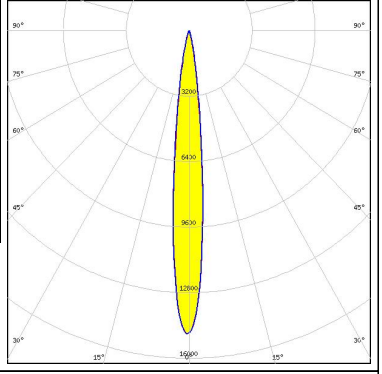

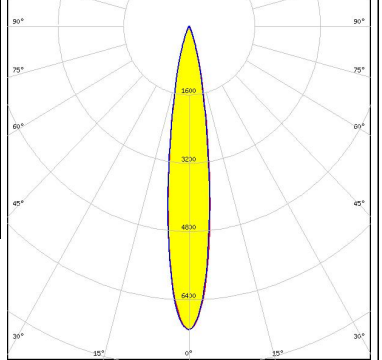
#### PHOTOMETRIC DATA (MEASURED):

<p><b>CREE</b> → <b>LED</b></p> <p>LED CMT14xx            FWHM / FWTM 18.0° / 38.0°            Efficiency 86 %            Peak intensity 5.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17435_HEKLA-G2-C</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED CMU10xx            FWHM / FWTM 18.0° / 39.0°            Efficiency 84 %            Peak intensity 5.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17435_HEKLA-G2-C</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED CXA/B 13xx            FWHM / FWTM 12.0° / 26.0°            Efficiency 89 %            Peak intensity 12.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17439_HEKLA-G2-J</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED CXA/B 15xx            FWHM / FWTM 15.0° / 34.0°            Efficiency 87 %            Peak intensity 7.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17436_HEKLA-G2-D</p>		

#### PHOTOMETRIC DATA (MEASURED):

<p><b>LEDiM</b></p> <p>LED LEDIM/C6            FWHM / FWTM 20.0° / 38.0°            Efficiency 86 %            Peak intensity 5.4 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 17.0° / 36.0°            Efficiency 86 %            Peak intensity 6.6 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 17.0° / 36.0°            Efficiency 86 %            Peak intensity 6.4 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 16.0° / 34.0°            Efficiency 87 %            Peak intensity 7.2 cd/m            LEDs/each optic 1            Light colour White            Required components:            F17436_HEKLA-G2-D</p>		

#### PHOTOMETRIC DATA (MEASURED):

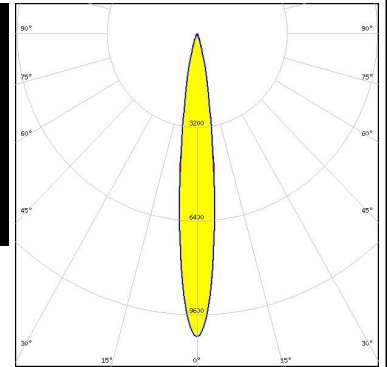
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB S01</p> <p>FWHM / FWTM 12.0° / 26.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 12.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17439_HEKLA-G2-J</p>		
<p><b>LUMINUS</b></p> <p>LED CXM-3</p> <p>FWHM / FWTM 11.0° / 21.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 17.9 cd/lm</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 12.0° / 24.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 14.8 cd/lm</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 16.0° / 34.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 7.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		



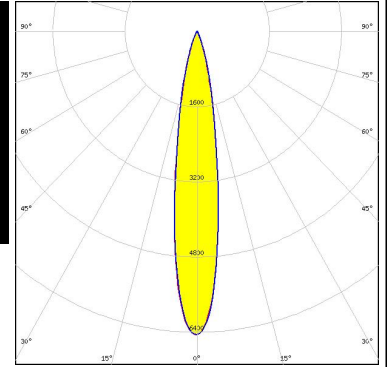
#### PHOTOMETRIC DATA (MEASURED):



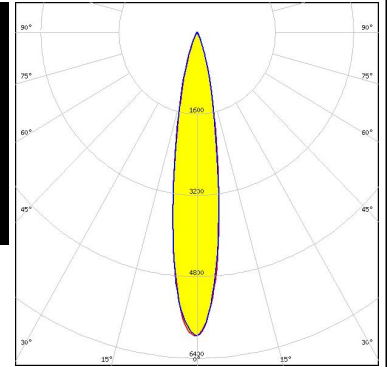
LED COB S-Type (LES 7)  
 FWHM / FWTM 14.0° / 29.0°  
 Efficiency 89 %  
 Peak intensity 10.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



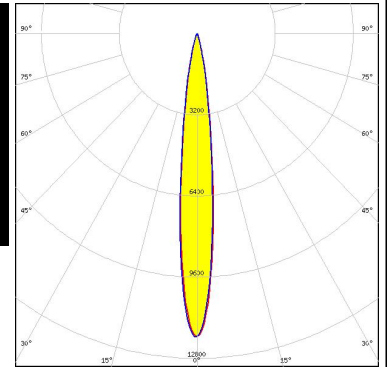
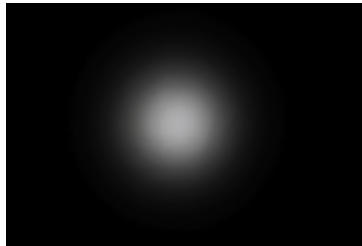
LED Fortimo SLM L09 CoB  
 FWHM / FWTM 16.0° / 36.0°  
 Efficiency 86 %  
 Peak intensity 6.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17437\_HEKLA-G2-H





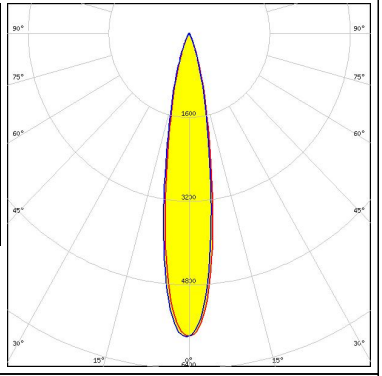

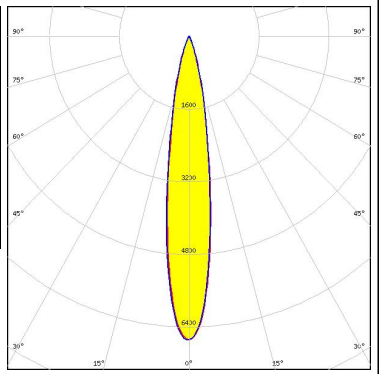
LED LC003D / LC006D / LC009D / LC013D  
 FWHM / FWTM 17.0° / 38.0°  
 Efficiency 86 %  
 Peak intensity 6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C




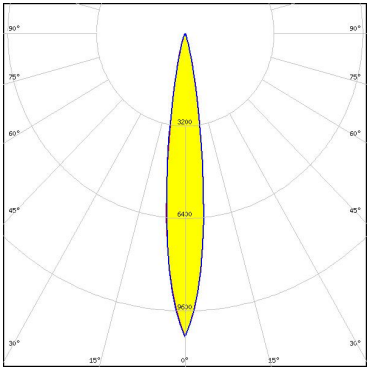

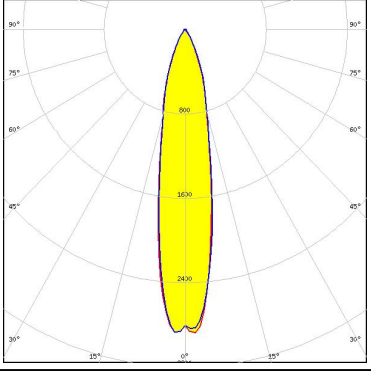

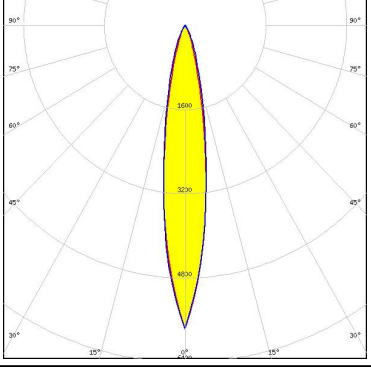

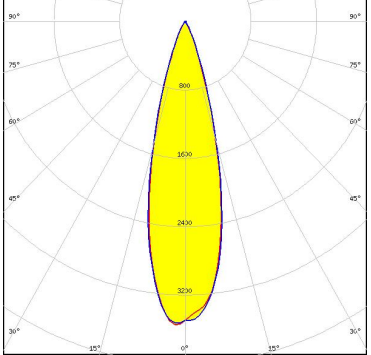
SEOUL SEMICONDUCTOR  
 LED MJT COB LES 6  
 FWHM / FWTM 12.0° / 26.0°  
 Efficiency 89 %  
 Peak intensity 12 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C




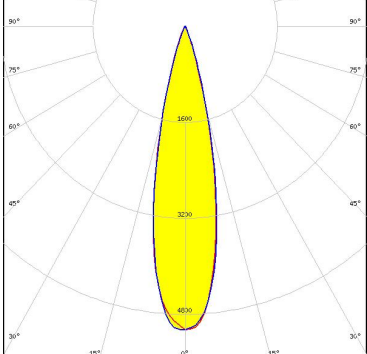
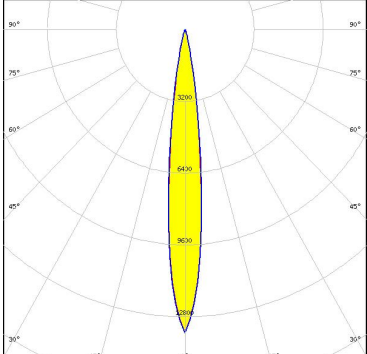

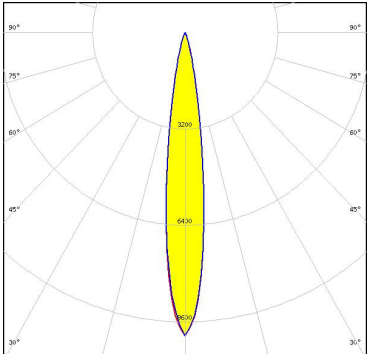

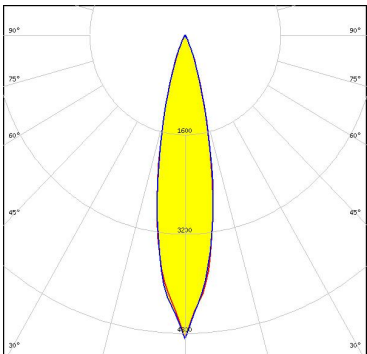
#### PHOTOMETRIC DATA (MEASURED):

<p> <b>SEOUL SEMICONDUCTOR</b></p> <p>LED MJT COB LES 9.8</p> <p>FWHM / FWTM 18.0° / 38.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 5.8 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 16.0° / 36.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 6.7 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 V6 HD            FWHM / FWTM 14.0° / 28.0°            Efficiency 89 %            Peak intensity 10.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17435_HEKLA-G2-C</p>	
<p></p> <p>LED Vero SE 13            FWHM / FWTM 20.0° / 50.0°            Efficiency 68 %            Peak intensity 3 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16142_HEKLA-SOCKET-K</p>	
<p></p> <p>LED Vesta DTW 13mm (21W)            FWHM / FWTM 16.0° / 39.0°            Efficiency 84 %            Peak intensity 5.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16142_HEKLA-SOCKET-K            Bender Wirth: 491 Typ L8</p>	
<p></p> <p>LED Vesta TW 13mm (25W) CSP            FWHM / FWTM 28.0° / 46.0°            Efficiency 88 %            Peak intensity 3.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16142_HEKLA-SOCKET-K</p>	

#### PHOTOMETRIC DATA (SIMULATED):

<p></p> <p>LED Vesta TW 9mm (12W) CSP            FWHM / FWTM 24.0° / 40.0°            Efficiency 91 %            Peak intensity 5.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16142_HEKLA-SOCKET-K</p>	
<p><b>CITIZEN</b></p> <p>LED CLU7A2 (LES 4.2mm)            FWHM / FWTM 12.0° / 24.0°            Efficiency 90 %            Peak intensity 13.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15255_HEKLA-SOCKET-C</p>	
<p></p> <p>LED CMA1306            FWHM / FWTM 14.0° / 30.0°            Efficiency 89 %            Peak intensity 10.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17439_HEKLA-G2-J</p>	
<p></p> <p>LED NVCWJ024Z-V1MT: COB J-Type Tunable White            FWHM / FWTM 22.0° / 42.0°            Efficiency 88 %            Peak intensity 4.9 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	25.0° / 50.0°
Efficiency	81 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	F17438_HEKLA-G2-I

