

## YASMEEN-70-M-C

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

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.9 mm
Height	39.9 mm
ROHS compliant	yes ⓘ

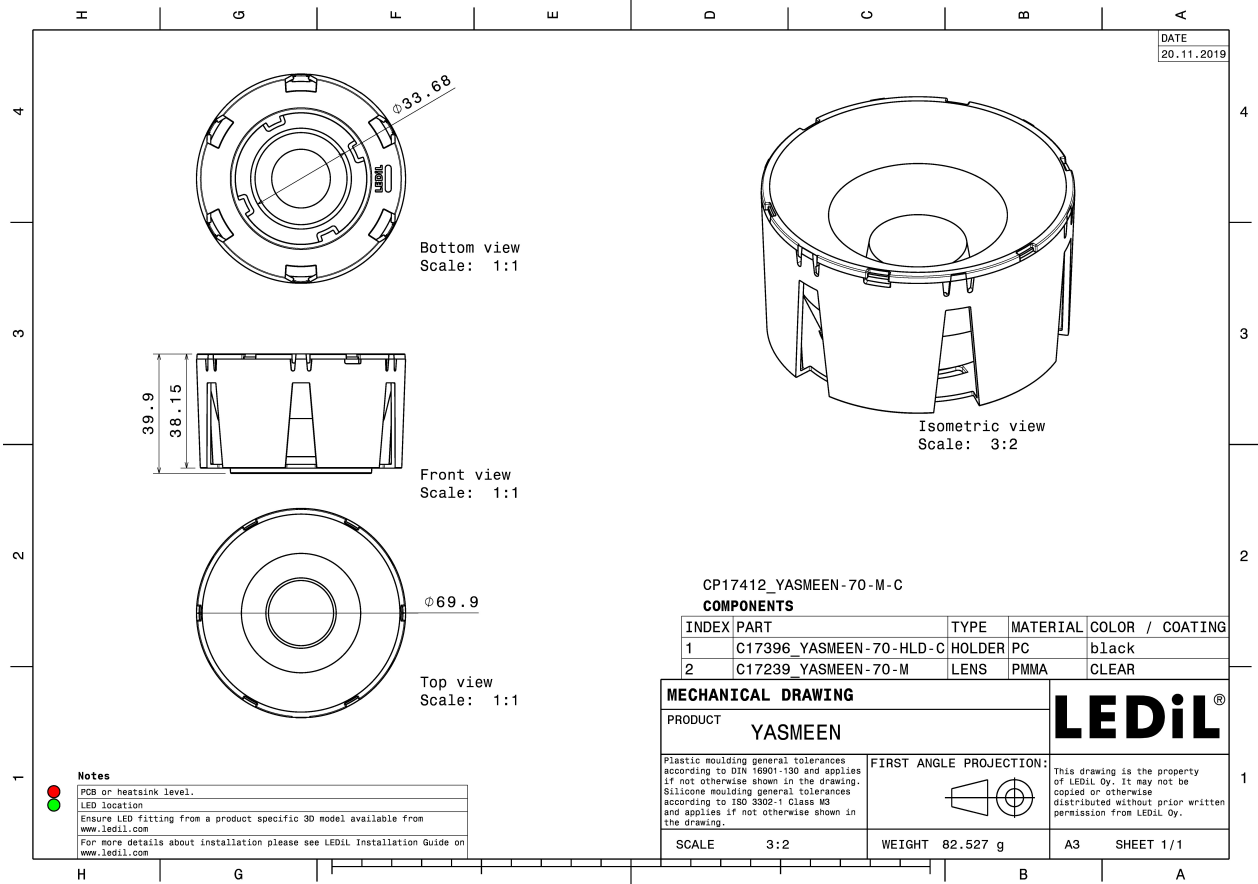


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
YASMEEN-70-M	Single lens	PMMA	clear	
YASMEEN-70-HLD-C	Holder	PC	black	



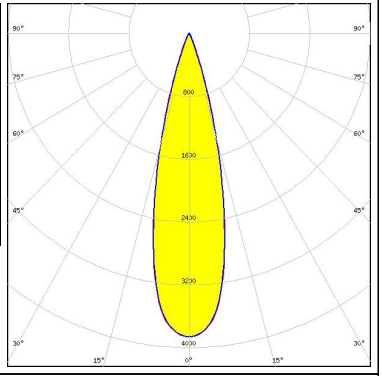


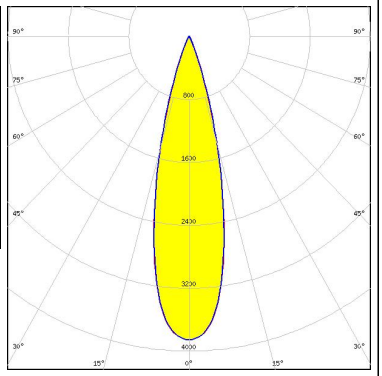


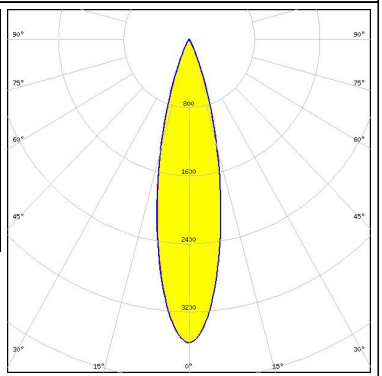


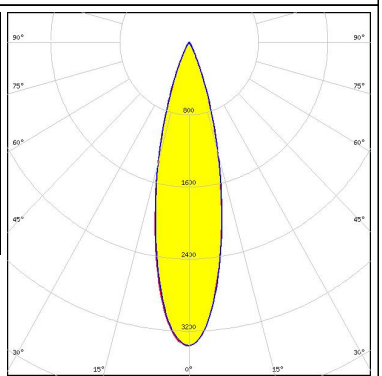
### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP17412_YASMEEN-70-M-C » Box size: 476 x 273 x 305 mm	Single lens	105	105	15	10.0


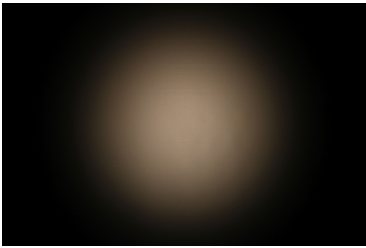
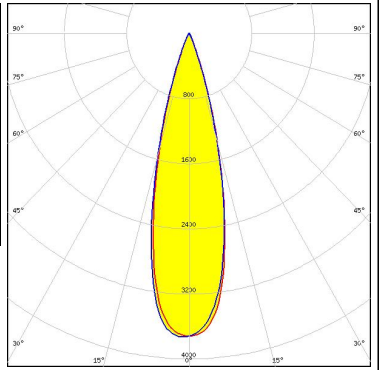
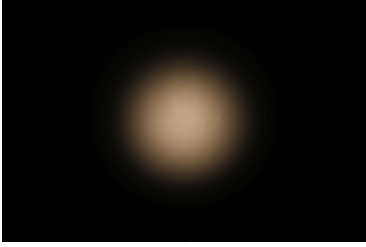
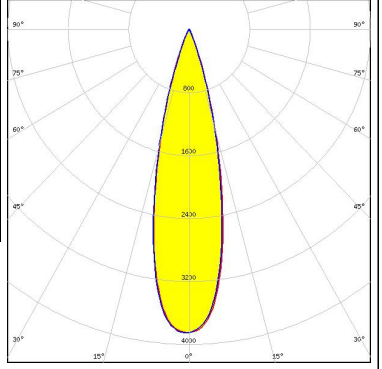

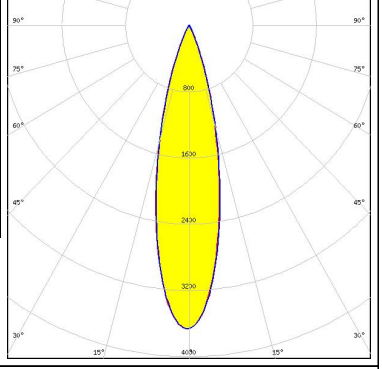


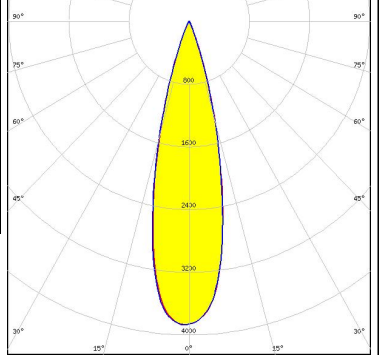


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)



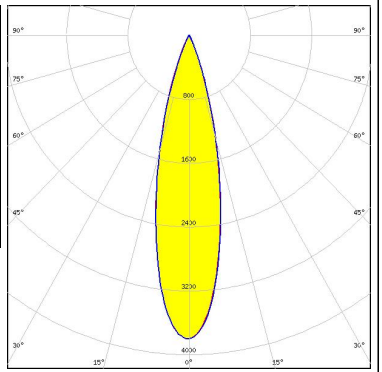


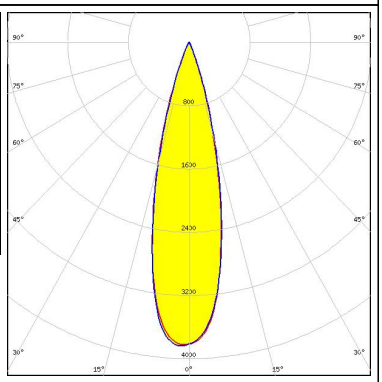


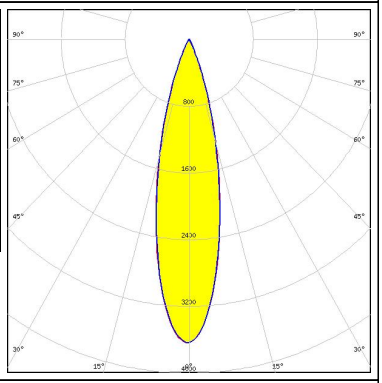


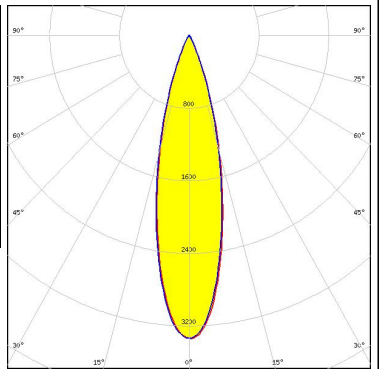
#### PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED V9 HD</p> <p>FWHM / FWTM 26.0° / 42.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 3.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F15859_HEKLA-SOCKET-I</p>		
<p></p> <p>LED VERO10</p> <p>FWHM / FWTM 26.0° / 42.5°</p> <p>Efficiency 84 %</p> <p>Peak intensity 3.9 cd/m</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 25.0° / 46.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 3.6 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: Bender Wirth: 632b Hekla XL</p>		
<p></p> <p>LED Vesta DTW 15mm (33W)</p> <p>FWHM / FWTM 26.0° / 48.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 3.4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: Bender Wirth: 632b Hekla XL</p>		


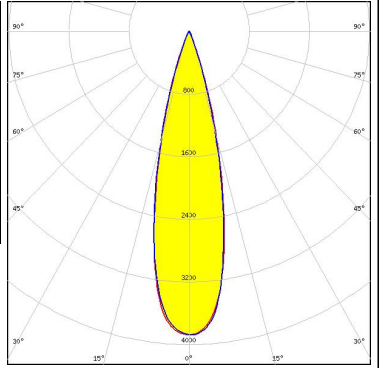

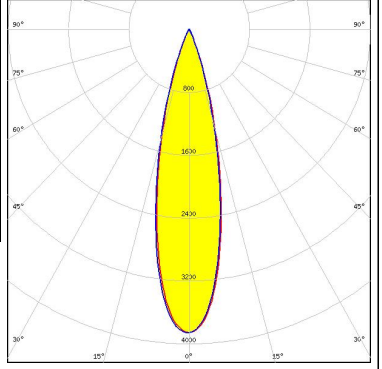

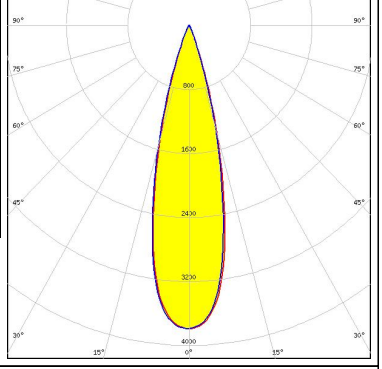

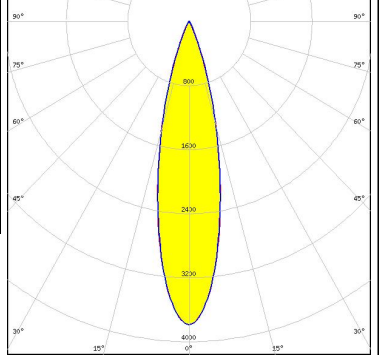
#### PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED Vesta DTW 9mm (4W/6W/12W)            FWHM / FWTM 27.0° / 43.0°            Efficiency 83 %            Peak intensity 3.7 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 25.0° / 42.0°            Efficiency 83 %            Peak intensity 3.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17435_HEKLA-G2-C</p>		
<p><b>CITIZEN</b></p> <p>LED CLL03x/CLU03x            FWHM / FWTM 25.0° / 45.0°            Efficiency 82 %            Peak intensity 3.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17438_HEKLA-G2-I</p>		
<p></p> <p>LED CMA1516            FWHM / FWTM 26.0° / 42.0°            Efficiency 83 %            Peak intensity 3.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17436_HEKLA-G2-D</p>		

#### PHOTOMETRIC DATA (MEASURED):

<p><b>CREE</b>  <b>LED</b></p> <p>LED CMA1825            FWHM / FWTM 25.0° / 44.0°            Efficiency 83 %            Peak intensity 3.8 cd/m            LEDs/each optic 1            Light colour White            Required components:            F15254_HEKLA-SOCKET-B</p>		
<p><b>CREE</b>  <b>LED</b></p> <p>LED CMT14xx            FWHM / FWTM 26.0° / 42.0°            Efficiency 83 %            Peak intensity 3.8 cd/m            LEDs/each optic 1            Light colour White            Required components:            F17435_HEKLA-G2-C</p>		
<p><b>CREE</b>  <b>LED</b></p> <p>LED CMT19xx            FWHM / FWTM 24.0° / 45.0°            Efficiency 81 %            Peak intensity 3.6 cd/m            LEDs/each optic 1            Light colour White            Required components:            F17438_HEKLA-G2-I</p>		
<p><b>CREE</b>  <b>LED</b></p> <p>LED CMU15xx            FWHM / FWTM 26.0° / 47.0°            Efficiency 79 %            Peak intensity 3.3 cd/m            LEDs/each optic 1            Light colour White            Required components:            F17438_HEKLA-G2-I</p>		

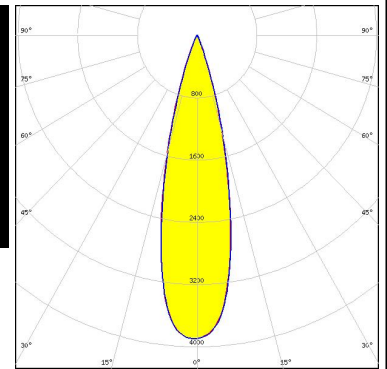
#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1202/1203</p> <p>FWHM / FWTM 26.0° / 42.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 3.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p><b>NICHIA</b></p> <p>LED COB L-Type (LES 11)</p> <p>FWHM / FWTM 24.0° / 43.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 3.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17437_HEKLA-G2-H</p>		
<p><b>NICHIA</b></p> <p>LED COB L-Type (LES 9)</p> <p>FWHM / FWTM 26.0° / 42.0°</p> <p>Efficiency 82 %</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>		
<p><b>NICHIA</b></p> <p>LED COB S-Type (LES 7)</p> <p>FWHM / FWTM 24.0° / 45.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 3.8 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17438_HEKLA-G2-I</p>		

#### PHOTOMETRIC DATA (MEASURED):

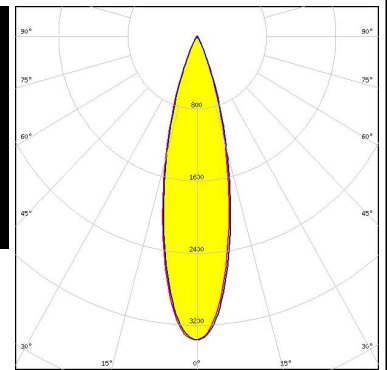
### PHILIPS

LED Fortimo SLM L09 CoB  
 FWHM / FWTM 25.0° / 42.0°  
 Efficiency 82 %  
 Peak intensity 3.9 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17437\_HEKLA-G2-H



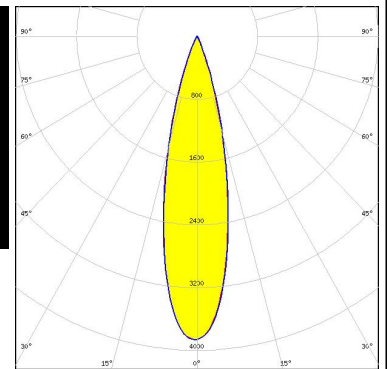
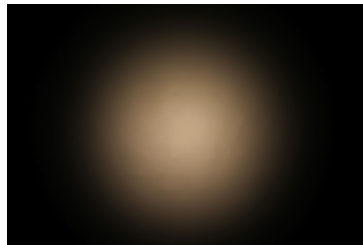
### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM / FWTM 26.0° / 47.0°  
 Efficiency 81 %  
 Peak intensity 3.4 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



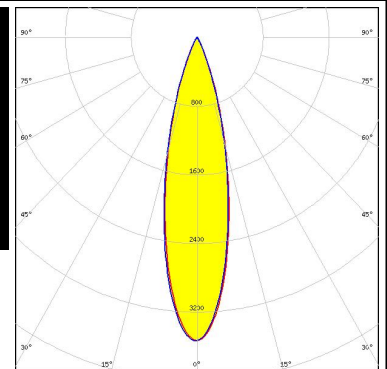
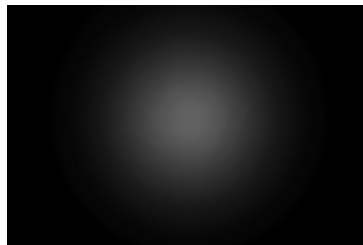
### SAMSUNG

LED LC030C/040C G2  
 FWHM / FWTM 25.0° / 45.0°  
 Efficiency 82 %  
 Peak intensity 3.9 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



SEOUL SEMICONDUCTOR

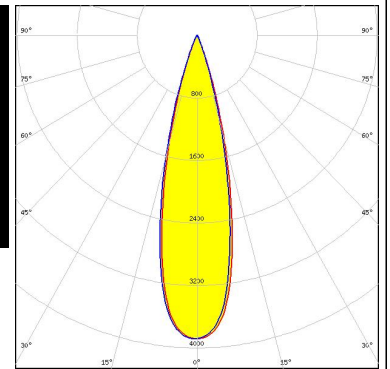
LED MJT COB LES 14.5  
 FWHM / FWTM 25.0° / 46.0°  
 Efficiency 81 %  
 Peak intensity 3.5 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



#### PHOTOMETRIC DATA (MEASURED):

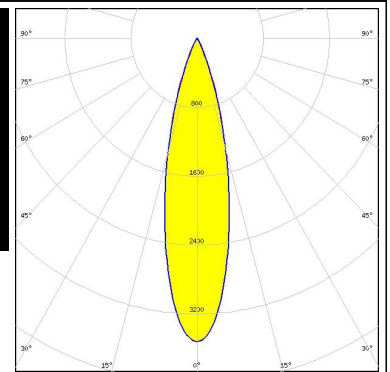
#### TRIDONIC

LED SLE G7 LES09  
FWHM / FWTM 26.0° / 42.0°  
Efficiency 83 %  
Peak intensity 3.9 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:  
F17435\_HEKLA-G2-C




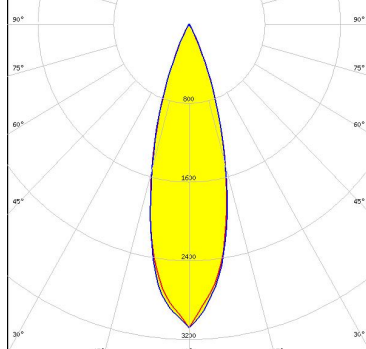

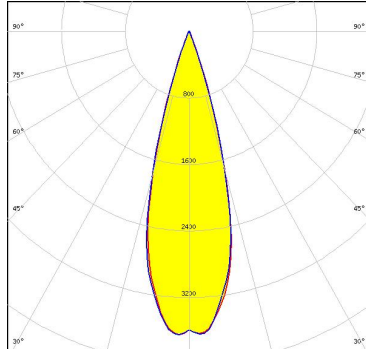

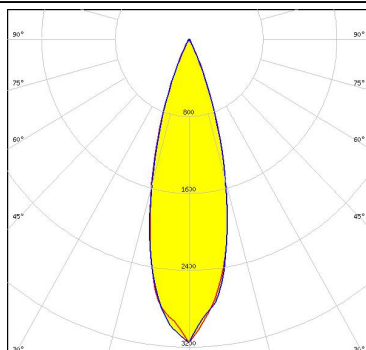

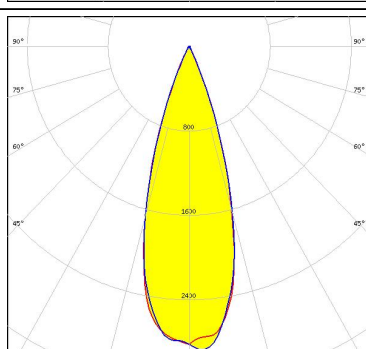
#### TRIDONIC

LED SLE G7 LES15  
FWHM / FWTM 25.0° / 46.0°  
Efficiency 81 %  
Peak intensity 3.5 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:  
F17438\_HEKLA-G2-I





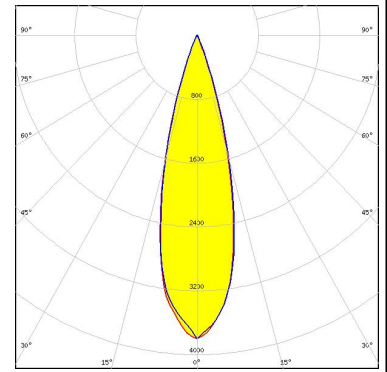
#### PHOTOMETRIC DATA (SIMULATED):

<p></p> <p>LED V13 Gen7</p> <p>FWHM / FWTM 30.0° / 50.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 3.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p></p> <p>LED V6 HD</p> <p>FWHM / FWTM 30.0° / 42.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 3.7 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 Vesta TW 13mm (25W) CSP</p> <p>FWHM / FWTM 30.0° / 50.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 3.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>	
<p></p> <p>LED Vesta TW 9mm (12W) CSP</p> <p>FWHM / FWTM 32.0° / 50.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 2.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>	

#### PHOTOMETRIC DATA (SIMULATED):

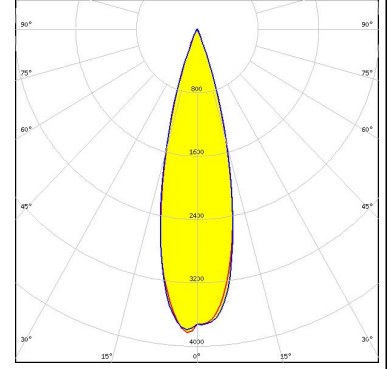
#### CITIZEN

LED CLU712  
 FWHM / FWTM 28.0° / 42.0°  
 Efficiency 84 %  
 Peak intensity 3.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17438\_HEKLA-G2-I



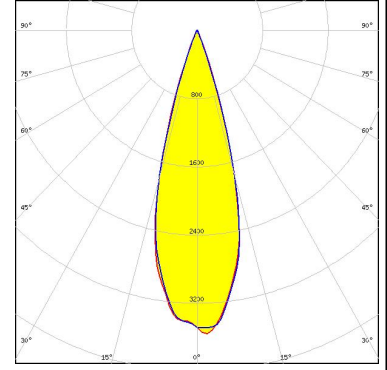
#### CREE LED

LED CMU10xx  
 FWHM / FWTM 27.0° / 44.0°  
 Efficiency 85 %  
 Peak intensity 3.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17435\_HEKLA-G2-C



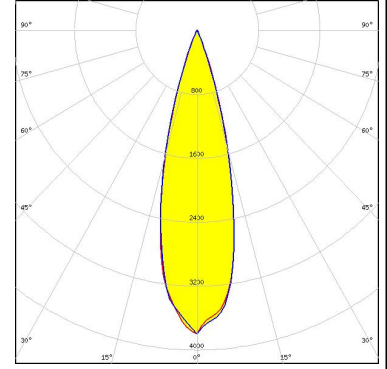
#### CREE LED

LED CXA/B 13xx  
 FWHM / FWTM 30.0° / 43.0°  
 Efficiency 85 %  
 Peak intensity 3.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17439\_HEKLA-G2-J



#### CREE LED

LED CXA/B 15xx  
 FWHM / FWTM 28.0° / 42.0°  
 Efficiency 84 %  
 Peak intensity 3.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17436\_HEKLA-G2-D



#### PHOTOMETRIC DATA (SIMULATED):

<p><b>CREE</b> LED</p> <p>LED: CXA/B 1830            FWHM / FWTM: 26.0° / 46.0°            Efficiency: 83 %            Peak intensity: 3.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            Bender Wirth: 637b Hekla</p>	
<p><b>NICHIA</b></p> <p>LED: NVCWJ024Z-V1MT: COB J-Type Tunable White            FWHM / FWTM: 28.0° / 47.0°            Efficiency: 85 %            Peak intensity: 3.4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            C16142_HEKLA-SOCKET-K            Bender Wirth: 498 Typ L8 HV</p>	
<p><b>SAMSUNG</b></p> <p>LED: LC003D / LC006D / LC009D / LC013D            FWHM / FWTM: 26.0° / 43.0°            Efficiency: 84 %            Peak intensity: 4 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            F17435_HEKLA-G2-C</p>	
<p><b>TRIDONIC</b></p> <p>LED: SLE G7 LES13            FWHM / FWTM: 26.0° / 46.0°            Efficiency: 83 %            Peak intensity: 3.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            F17438_HEKLA-G2-I</p>	