

## MIRELLA-G2-M

~25° wide beam. Compatible with LEDiL HEKLA.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.9 mm
Height	22.6 mm
Fastening	socket
ROHS compliant	yes ⓘ

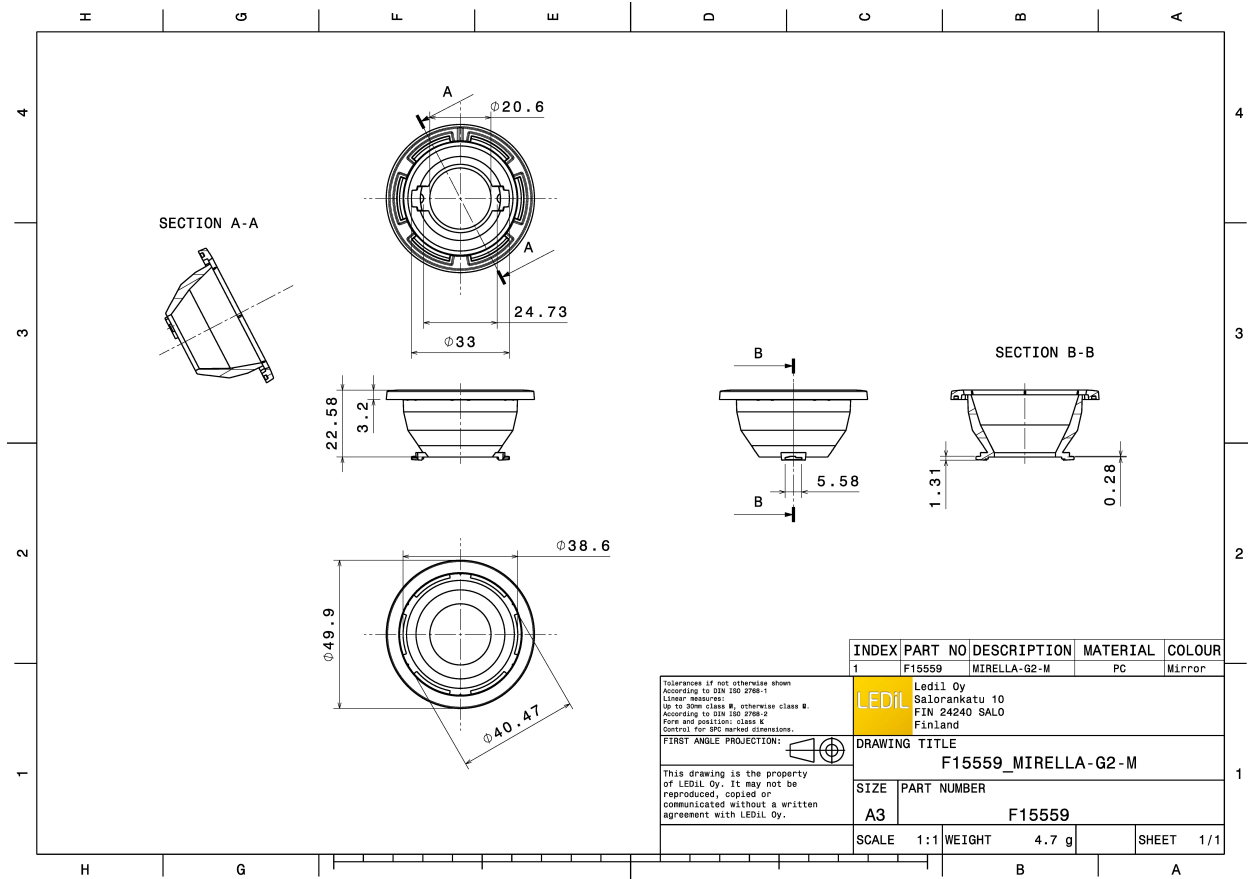
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish	Coating
MIRELLA-G2-M	Reflector	PC	metal		


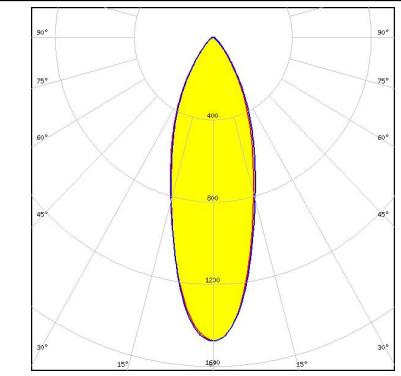
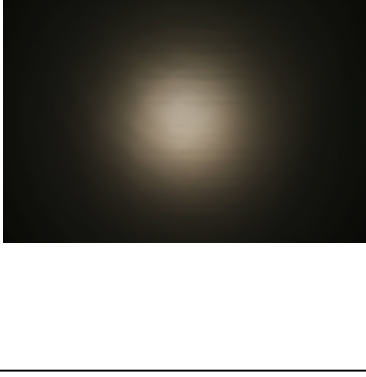
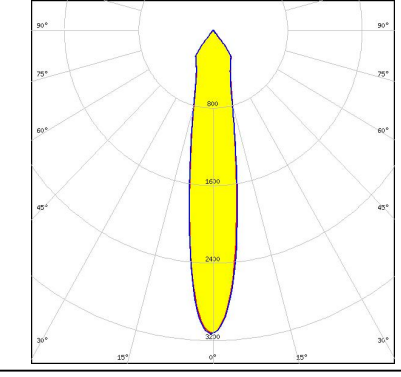
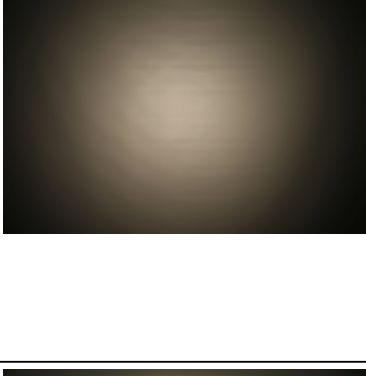
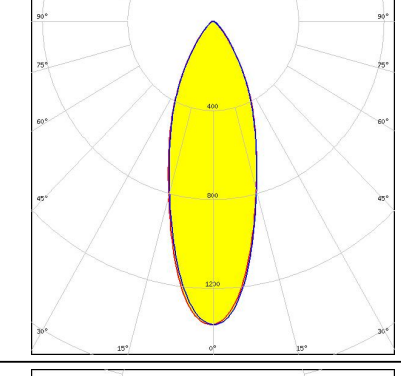
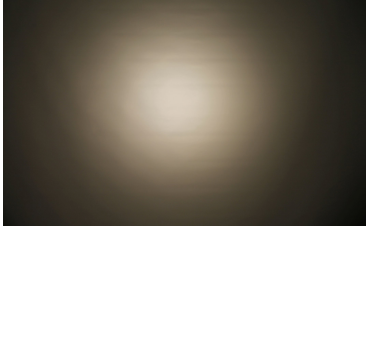
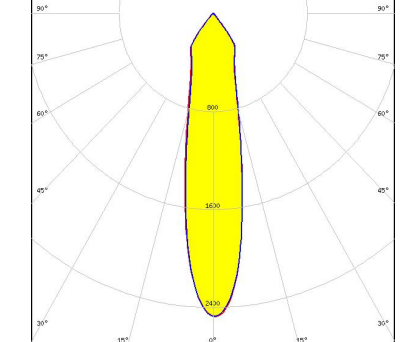


### ORDERING INFORMATION:

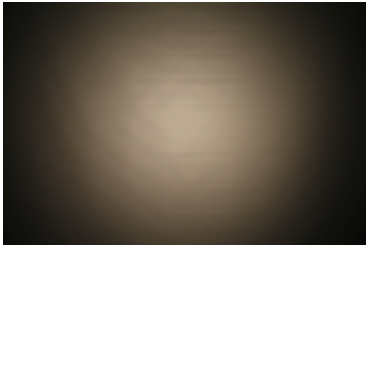
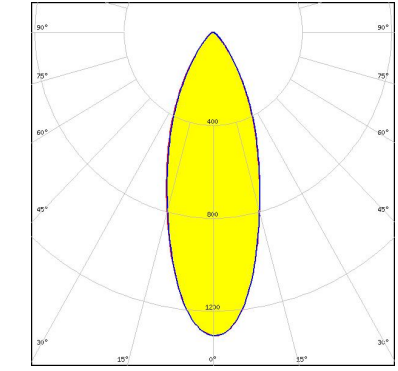
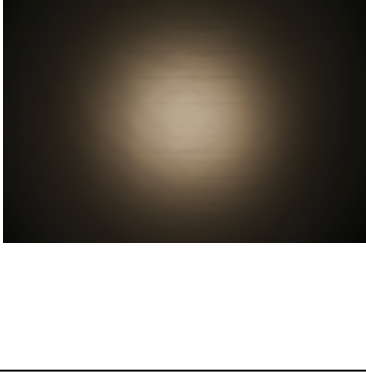
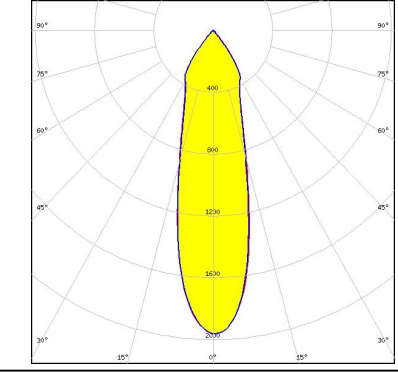

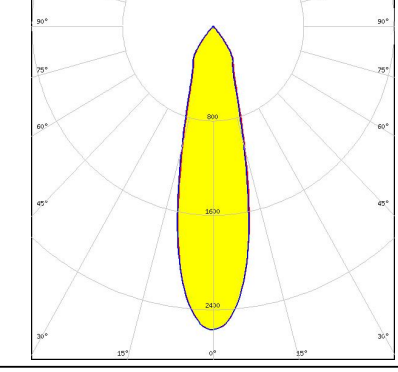
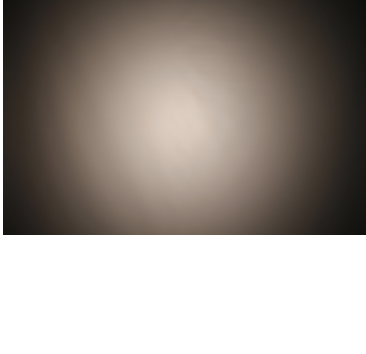
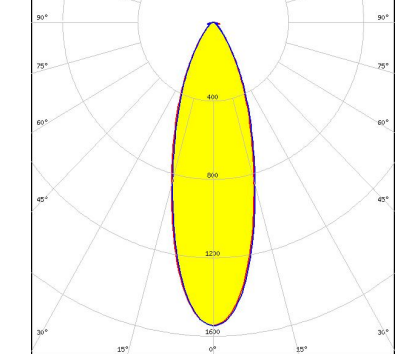
Component	Qty in box	MOQ	MPQ	Box weight (kg)
F15559_MIRELLA-G2-M » Box size: 480 x 280 x 300 mm	336		28	3.2



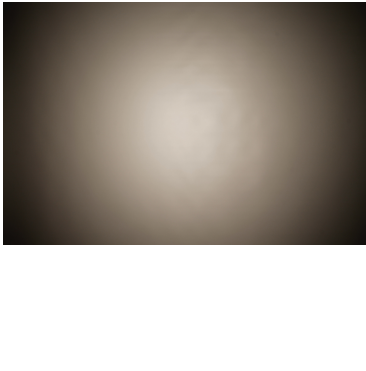
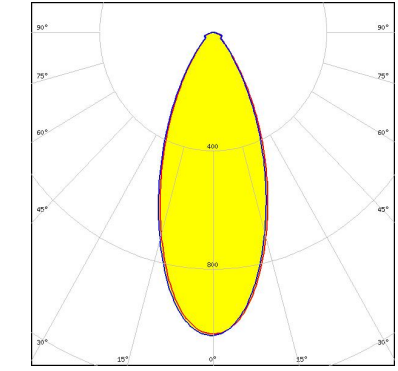
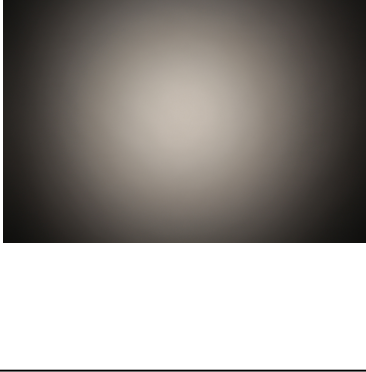
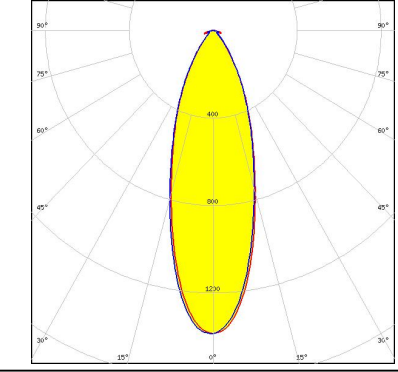
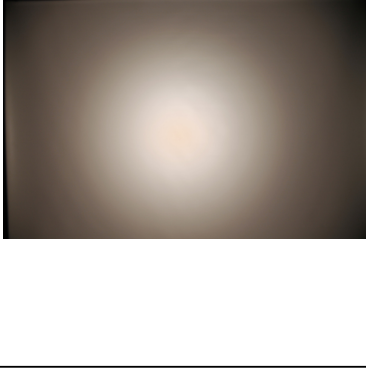
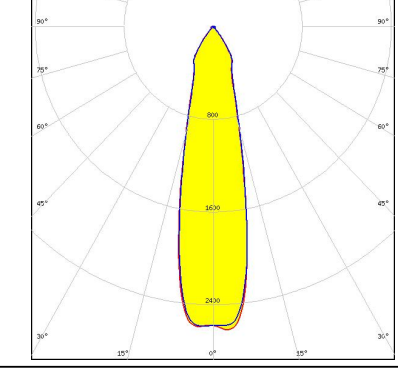

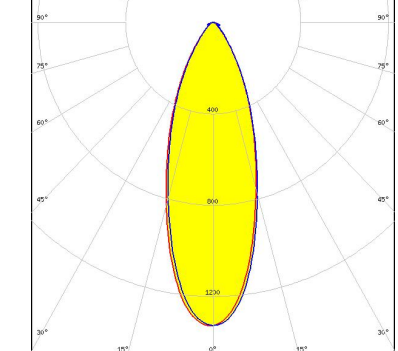
#### PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V4 HD            FWHM 33.0°            Efficiency 78 %            Peak intensity 1.5 cd/lm            LEDs/each optic 1            Light colour White</p> <p>Required components:            F15253_HEKLA-SOCKET-A            C13723_MIRELLA-RZL</p>		
<p>bridgelux.</p> <p>LED V4 HD            FWHM 19.0°            Efficiency 86 %            Peak intensity 3.1 cd/lm            LEDs/each optic 1            Light colour White</p> <p>Required components:            F15253_HEKLA-SOCKET-A</p>		
<p>bridgelux.</p> <p>LED V6 HD            FWHM 35.0°            Efficiency 76 %            Peak intensity 1.4 cd/lm            LEDs/each optic 1            Light colour White</p> <p>Required components:            F15255_HEKLA-SOCKET-C            C13723_MIRELLA-RZL</p>		
<p>bridgelux.</p> <p>LED V6 HD            FWHM 22.0°            Efficiency 84 %            Peak intensity 2.5 cd/lm            LEDs/each optic 1            Light colour White</p> <p>Required components:            F15255_HEKLA-SOCKET-C</p>		

#### PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V9 HD            FWHM 37.0°            Efficiency 75 %            Peak intensity 1.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15859_HEKLA-SOCKET-I            C13723_MIRELLA-RZL</p>		
<p>bridgelux.</p> <p>LED V9 HD            FWHM 27.0°            Efficiency 82 %            Peak intensity 2 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15859_HEKLA-SOCKET-I</p>		
<p>bridgelux.</p> <p>LED VERO10            FWHM 27.0°            Efficiency 90 %            Peak intensity 2.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15616_HEKLA-SOCKET-F</p>		
<p>bridgelux.</p> <p>LED Vesta DTW 9mm (4W/6W/12W)            FWHM 33.0°            Efficiency 77 %            Peak intensity 1.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16142_HEKLA-SOCKET-K            C13723_MIRELLA-RZL            Bender Wirth: 490 Typ L8</p>		

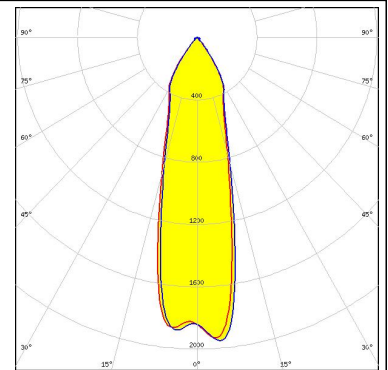
#### PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED Vesta TW 13mm (25W) CSP</p> <p>FWHM 43.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K C13723_MIRELLA-RZL Bender Wirth: 492 Typ L8</p>		
<p>bridgelux.</p> <p>LED Vesta TW 9mm (12W) CSP</p> <p>FWHM 33.0°</p> <p>Efficiency 74 %</p> <p>Peak intensity 1.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K C13723_MIRELLA-RZL Bender Wirth: 489 Typ L8</p>		
<p>bridgelux.</p> <p>LED Vesta TW 9mm (12W) CSP</p> <p>FWHM 25.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 2.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K Bender Wirth: 490 Typ L8</p>		
<p><b>CITIZEN</b></p> <p>LED CLC020 Series (Dim-To-Warm)</p> <p>FWHM 36.0°</p> <p>Efficiency 74 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16142_HEKLA-SOCKET-K C13723_MIRELLA-RZL Bender Wirth: 487 Typ L8</p>		

#### PHOTOMETRIC DATA (MEASURED):

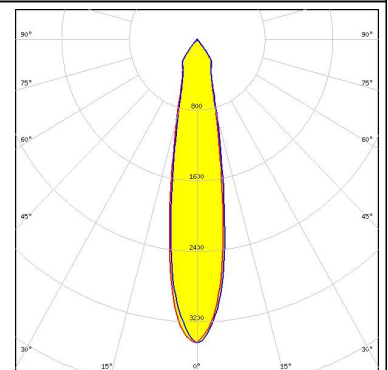
#### CITIZEN

LED CLC020 Series (Dim-To-Warm)  
 FWHM 28.0°  
 Efficiency 80 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K



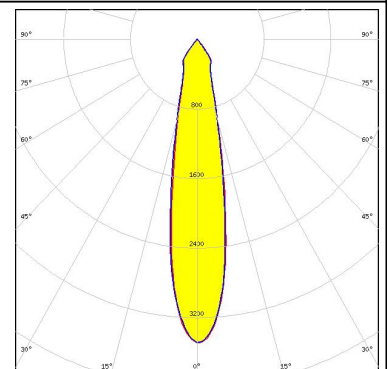
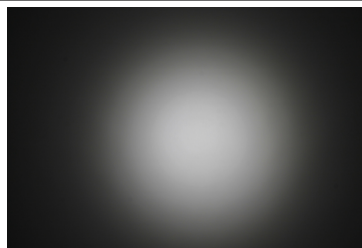
#### CITIZEN

LED CLU025/CLU027 (LES 6)  
 FWHM 20.0°  
 Efficiency 87 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



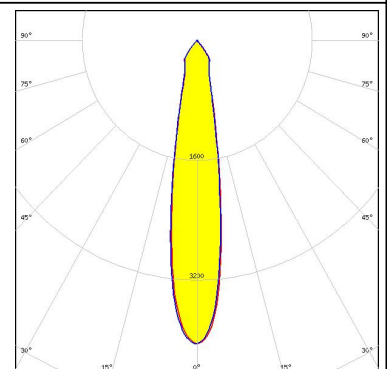
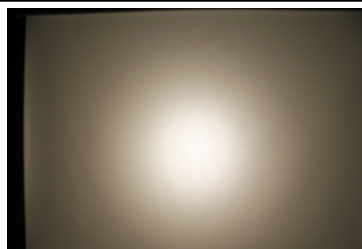
#### CITIZEN

LED CLU025/CLU027 (LES 6)  
 FWHM 21.0°  
 Efficiency 86 %  
 Peak intensity 3.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



#### CITIZEN

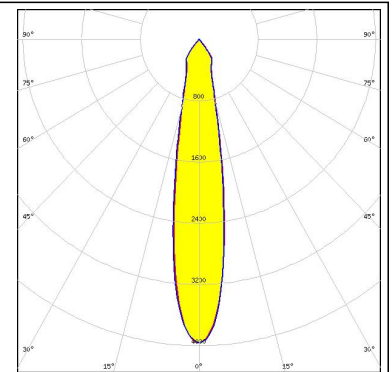
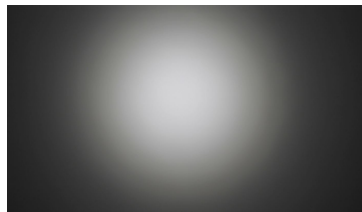
LED CLU700/701/702  
 FWHM 19.0°  
 Efficiency 90 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



#### PHOTOMETRIC DATA (MEASURED):

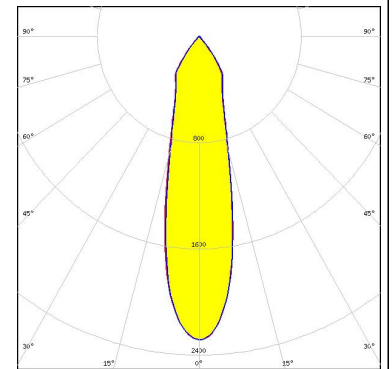
#### CITIZEN

LED CLU700/701/702  
 FWHM 19.0°  
 Efficiency 90 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



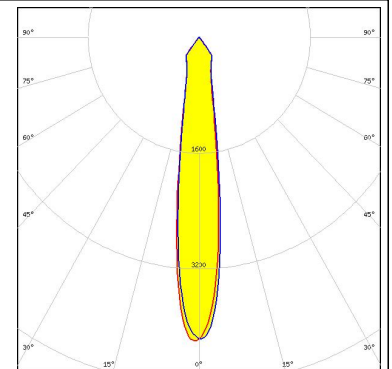
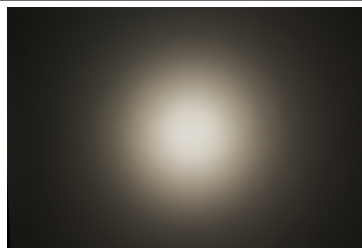
#### CITIZEN

LED CLU710/711  
 FWHM 26.0°  
 Efficiency 85 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



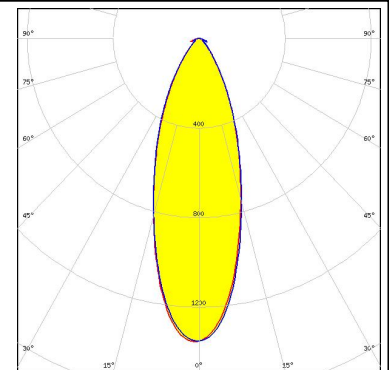
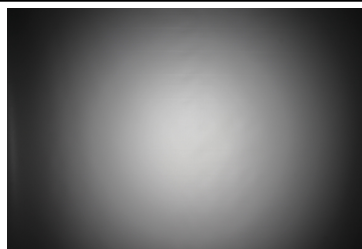
#### CITIZEN

LED CLU7A2 (LES 4.2mm)  
 FWHM 16.0°  
 Efficiency 87 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



#### CITIZEN

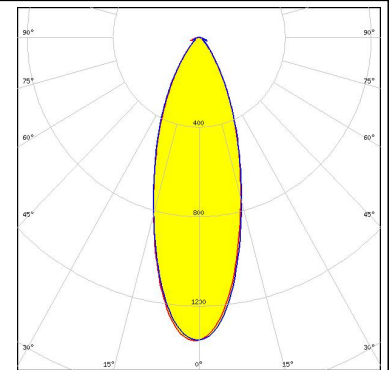
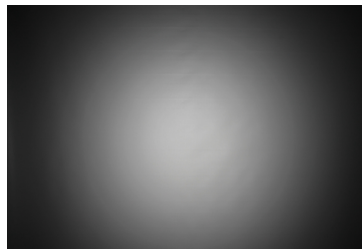
LED LCN-C01B (Tunable White)  
 FWHM 35.0°  
 Efficiency 75 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 C13723\_MIRELLA-RZL  
 Bender Wirth: 481 Typ L8



#### PHOTOMETRIC DATA (MEASURED):

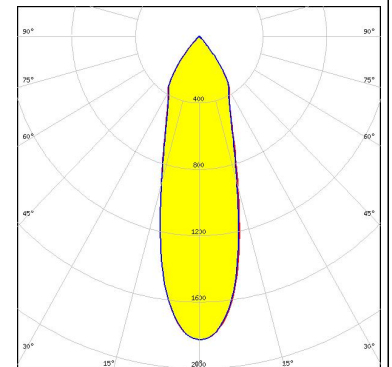
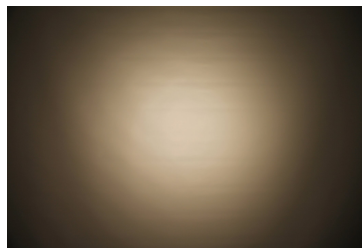
#### CITIZEN

LED LCN-C01B (Tunable White)  
 FWHM 35.0°  
 Efficiency 75 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 C13723\_MIRELLA-RZL  
 Bender Wirth: 481 Typ L8



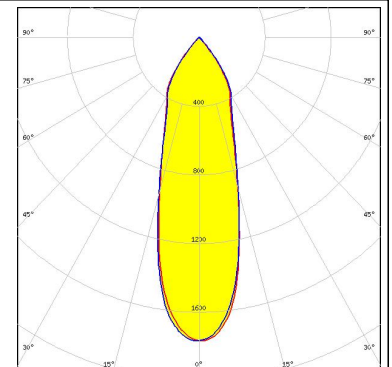
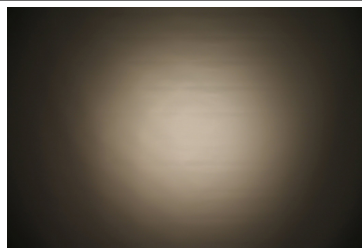
#### CREE

LED CMA1516  
 FWHM 30.0°  
 Efficiency 85 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



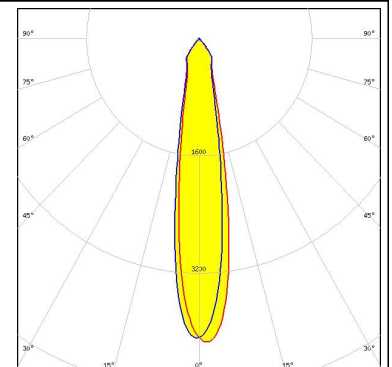
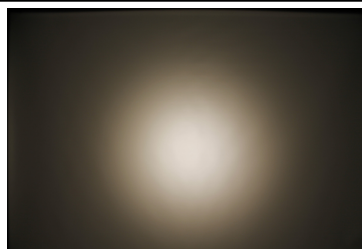
#### CREE

LED CMT14xx  
 FWHM 31.0°  
 Efficiency 85 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



#### CREE

LED CXA/B 13xx  
 FWHM 19.0°  
 Efficiency 91 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15956\_HEKLA-SOCKET-J  
 C13333\_MIRELLA-CL

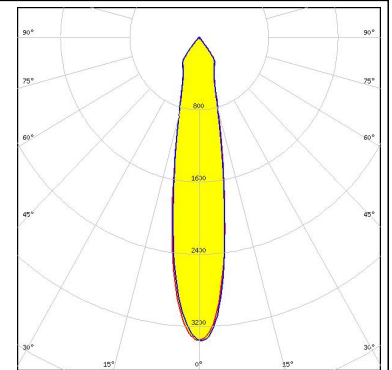




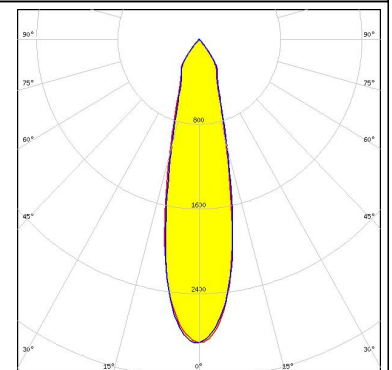
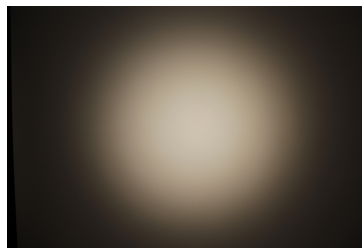
#### PHOTOMETRIC DATA (MEASURED):



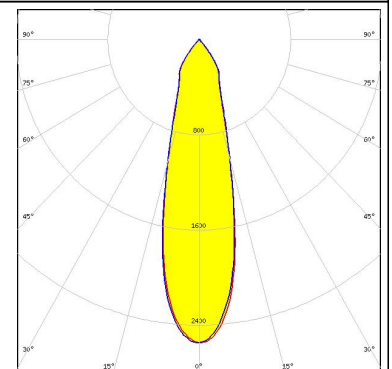
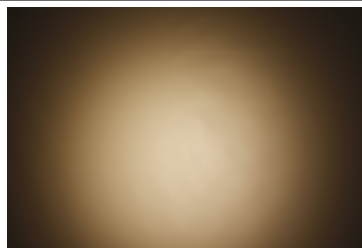
LED CXA/B 13xx  
 FWHM 20.0°  
 Efficiency 90 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15956\_HEKLA-SOCKET-J



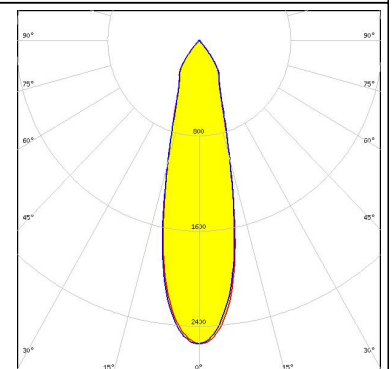
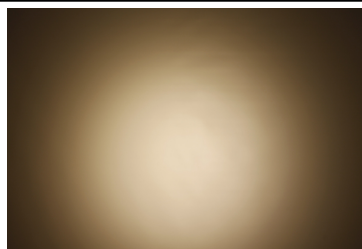
LED CXA/B 15xx  
 FWHM 25.0°  
 Efficiency 91 %  
 Peak intensity 2.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15256\_HEKLA-SOCKET-D



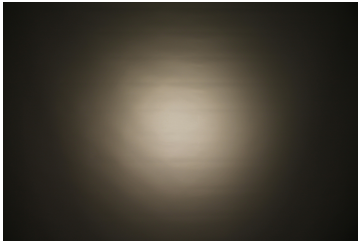
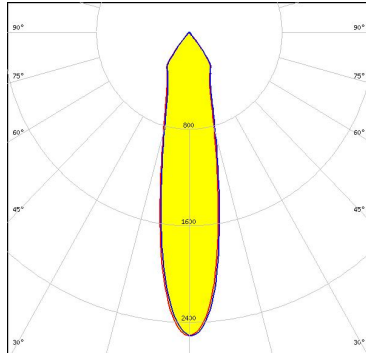
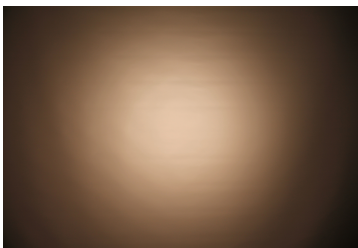
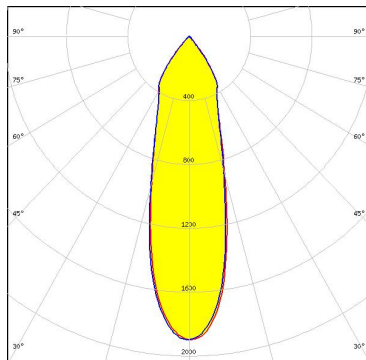

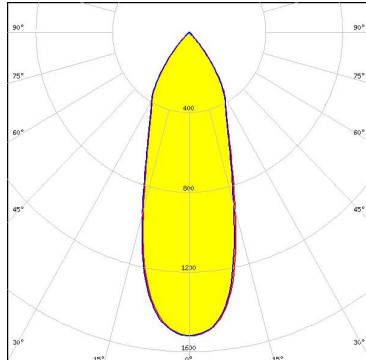
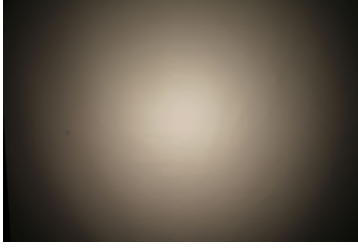
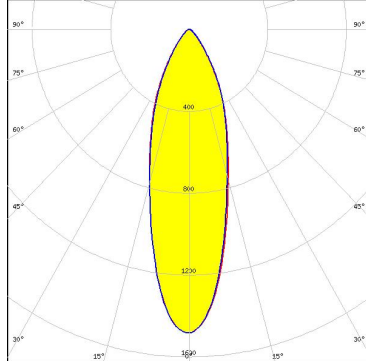
LED LUXEON CoB 1202/1203  
 FWHM 27.0°  
 Efficiency 89 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H




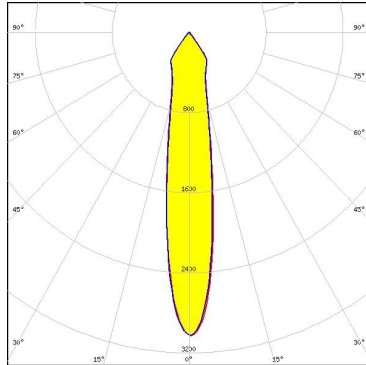
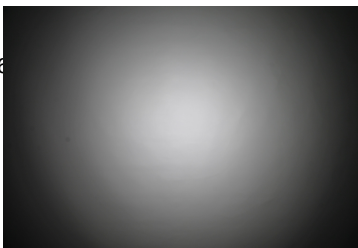
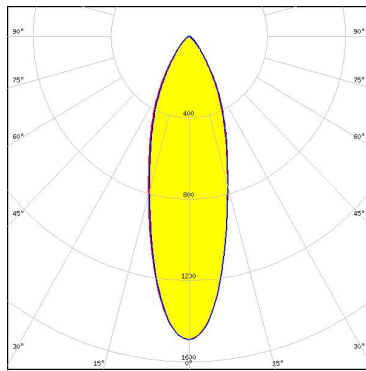

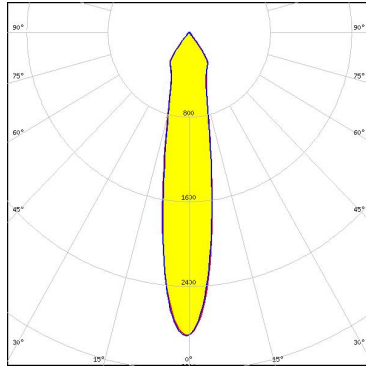
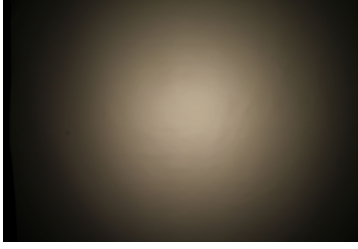
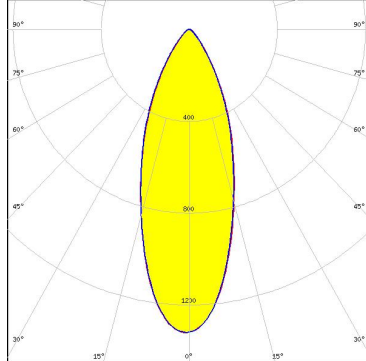
LED LUXEON CoB 1202/1203  
 FWHM 27.0°  
 Efficiency 89 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H  
 C12479\_MIRELLA-DL



#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1202HD            FWHM 23.0°            Efficiency 85 %            Peak intensity 2.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15848_HEKLA-SOCKET-G</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1204HD            FWHM 29.0°            Efficiency 85 %            Peak intensity 1.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15858_HEKLA-SOCKET-H</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CoB 1205HD            FWHM 35.0°            Efficiency 83 %            Peak intensity 1.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F15858_HEKLA-SOCKET-H</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CX Plus CoB - HD S01H4            FWHM 31.0°            Efficiency 74 %            Peak intensity 1.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C13723_MIRELLA-RZL            Bender Wirth: 634c Hekla</p>		

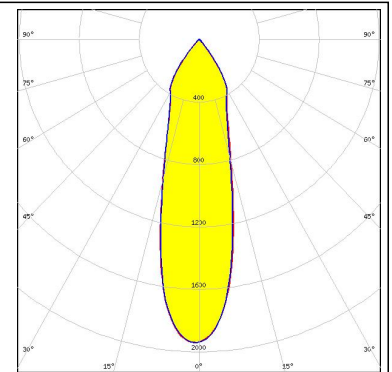
#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CX Plus CoB - HD S01H4</p> <p>FWHM 19.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 634c Hekla</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CX Plus CoB - HD S01H6 / HD S02H6</p> <p>FWHM 32.0°</p> <p>Efficiency 74 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C13723_MIRELLA-RZL Bender Wirth: 634c Hekla</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CX Plus CoB - HD S01H6 / HD S02H6</p> <p>FWHM 19.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 2.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: Bender Wirth: 634c Hekla</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CX Plus CoB - HD S04H9</p> <p>FWHM 37.0°</p> <p>Efficiency 75 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C13723_MIRELLA-RZL Bender Wirth: 634c Hekla</p>		

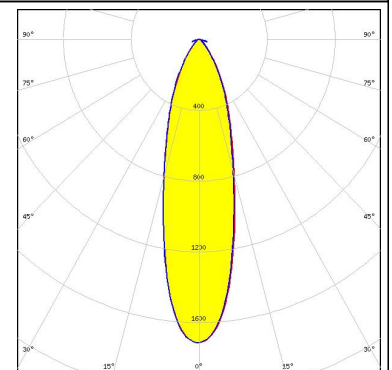
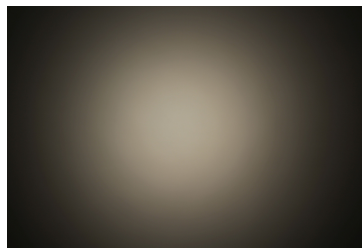
#### PHOTOMETRIC DATA (MEASURED):



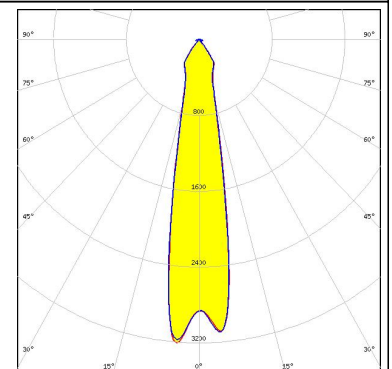
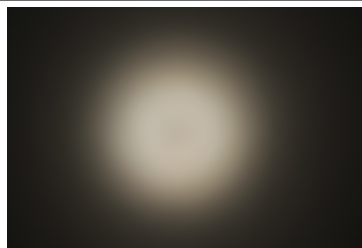
LED LUXEON CX Plus CoB - HD S04H9  
 FWHM 28.0°  
 Efficiency 82 %  
 Peak intensity 1.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 Bender Wirth: 634c Hekla



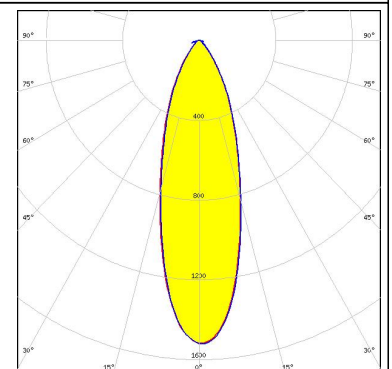
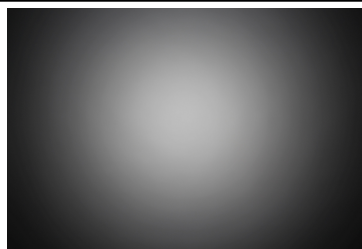
LED CDM-6 (Dim-To-Warm)  
 FWHM 28.0°  
 Efficiency 75 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 C13723\_MIRELLA-RZL  
 Bender Wirth: 490 Typ L8




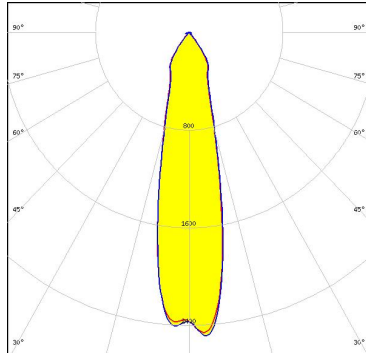
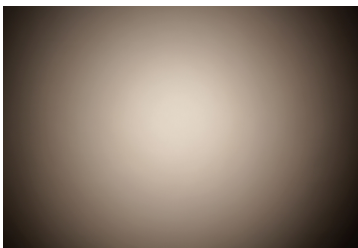
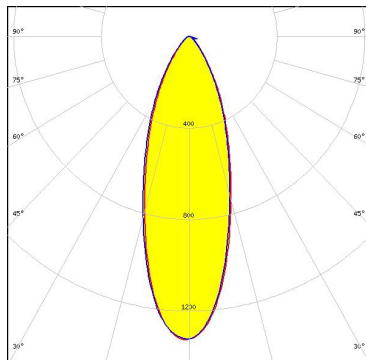

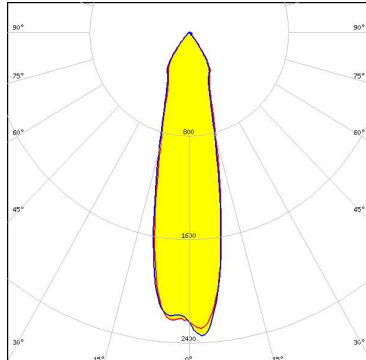
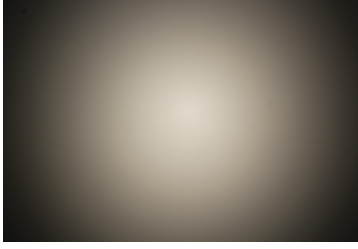
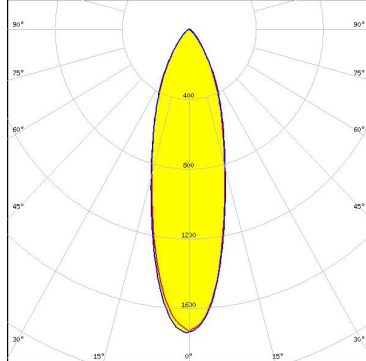
LED CDM-6 (Dim-To-Warm)  
 FWHM 20.0°  
 Efficiency 82 %  
 Peak intensity 3.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 490 Typ L8



LED CDM-9 (Dim-To-Warm)  
 FWHM 32.0°  
 Efficiency 74 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 C13723\_MIRELLA-RZL  
 Bender Wirth: 490 Typ L8



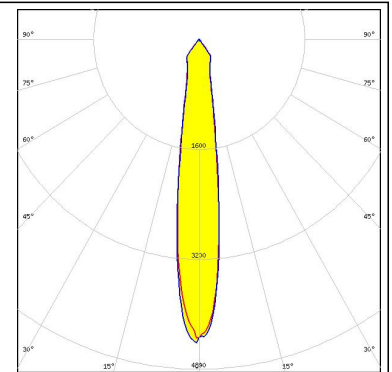
#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMINUS</b></p> <p>LED CDM-9 (Dim-To-Warm)            FWHM 24.0°            Efficiency 81 %            Peak intensity 2.5 cd/lm            LEDs/each optic 1            Light colour White</p> <p>Required components:            C16142_HEKLA-SOCKET-K            Bender Wirth: 490 Typ L8</p>		
<p><b>LUMINUS</b></p> <p>LED CTM-9 (Tunable White)            FWHM 34.0°            Efficiency 72 %            Peak intensity 1.3 cd/lm            LEDs/each optic 1            Light colour White</p> <p>Required components:            C16142_HEKLA-SOCKET-K            C13723_MIRELLA-RZL            Bender Wirth: 495 Typ L8</p>		
<p><b>LUMINUS</b></p> <p>LED CTM-9 (Tunable White)            FWHM 25.0°            Efficiency 80 %            Peak intensity 2.4 cd/lm            LEDs/each optic 1            Light colour White</p> <p>Required components:            C16142_HEKLA-SOCKET-K            Bender Wirth: 495 Typ L8</p>		
<p><b>LUMINUS</b></p> <p>LED CXM-4            FWHM 29.0°            Efficiency 79 %            Peak intensity 1.7 cd/lm            LEDs/each optic 1            Light colour White</p> <p>Required components:            F15255_HEKLA-SOCKET-C            C13723_MIRELLA-RZL</p>		

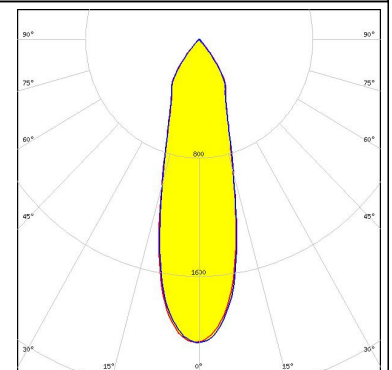
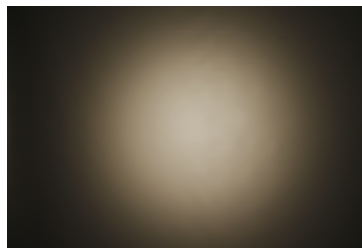
#### PHOTOMETRIC DATA (MEASURED):



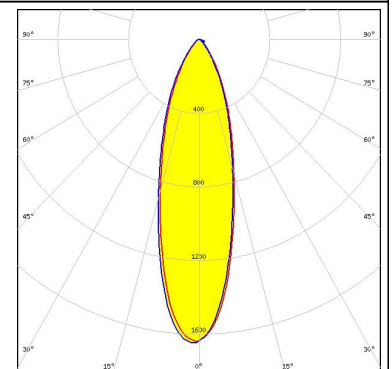
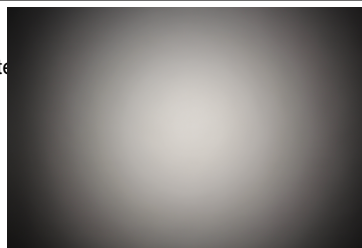
LED CXM-4  
 FWHM 16.0°  
 Efficiency 87 %  
 Peak intensity 4.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



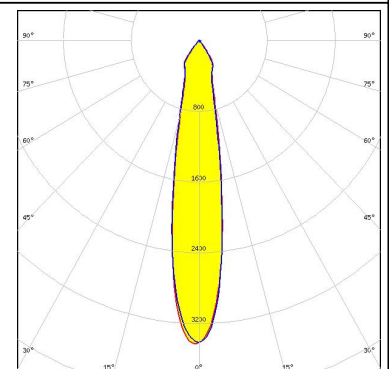
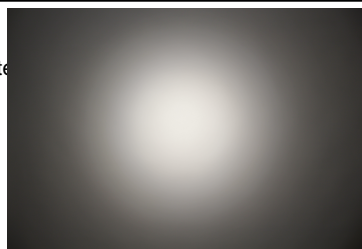
LED CxM-9 (13.5x13.5)  
 FWHM 29.0°  
 Efficiency 87 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



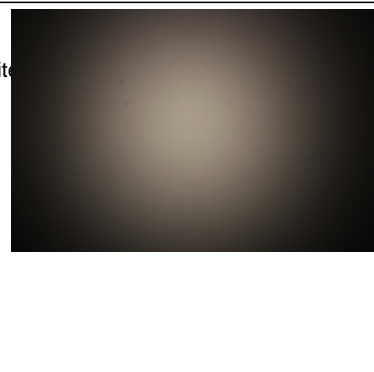
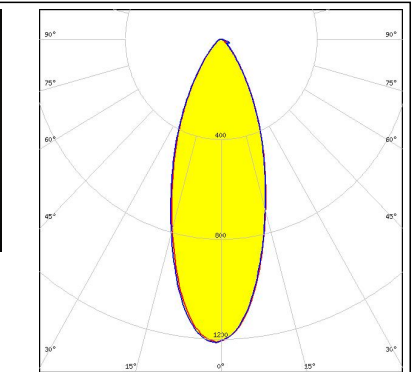
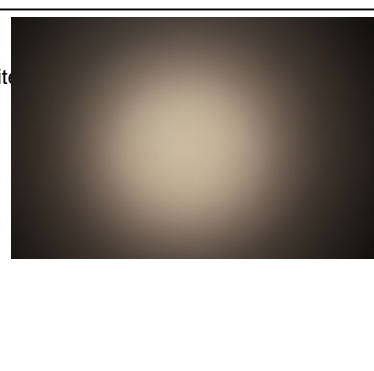
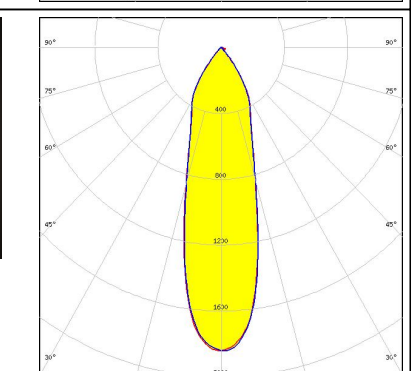

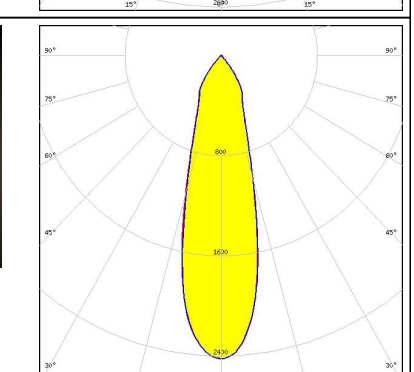

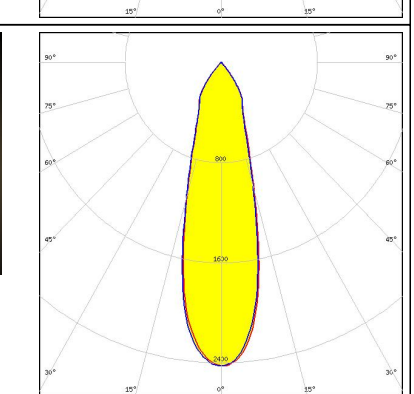
LED NJCWL024Z-V1MT: COB L-Type Tunable White  
 FWHM 30.0°  
 Efficiency 74 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 C13723\_MIRELLA-RZL  
 Bender Wirth: 497 Typ L8



LED NJCWL024Z-V1MT: COB L-Type Tunable White  
 FWHM 19.0°  
 Efficiency 82 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 497 Typ L8



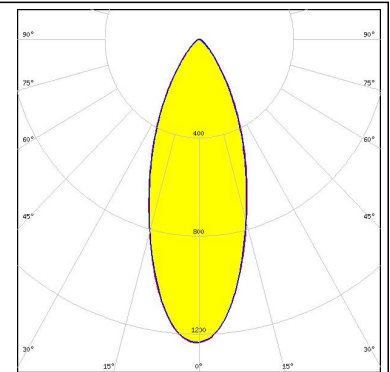
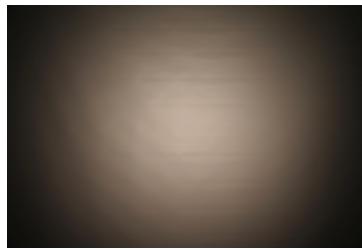
#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVCWJ024Z-V1MT: COB J-Type Tunable White</p> <p>FWHM 37.0°</p> <p>Efficiency 73 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:            C16142_HEKLA-SOCKET-K            C13723_MIRELLA-RZL            Bender Wirth: 498 Typ L8</p>		
<p><b>NICHIA</b></p> <p>LED NVCWJ024Z-V1MT: COB J-Type Tunable White</p> <p>FWHM 28.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:            C16142_HEKLA-SOCKET-K            Bender Wirth: 498 Typ L8</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Soleriq S9</p> <p>FWHM 28.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 2.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:            F15255_HEKLA-SOCKET-C</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Soleriq S9</p> <p>FWHM 28.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 2.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:            F15255_HEKLA-SOCKET-C            C13723_MIRELLA-RZL</p>		

#### PHOTOMETRIC DATA (MEASURED):

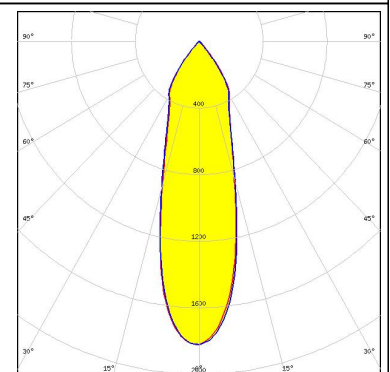
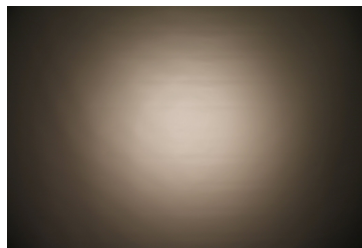
#### PHILIPS

LED Fortimo SLM L09 CoB  
 FWHM 39.0°  
 Efficiency 75 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H  
 C13723\_MIRELLA-RZL



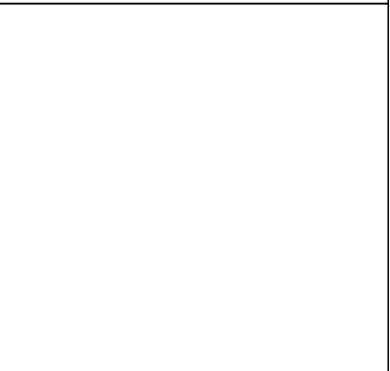
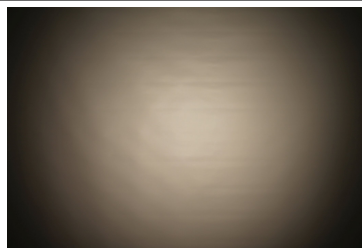
#### PHILIPS

LED Fortimo SLM L09 CoB  
 FWHM 29.0°  
 Efficiency 83 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



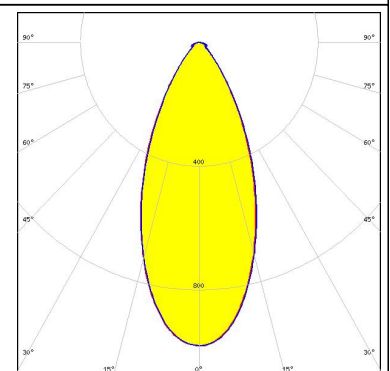
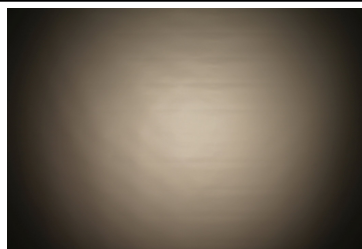
#### PHILIPS

LED Fortimo SLM L13 CoB  
 FWHM 45.0°  
 Efficiency 71 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 C13723\_MIRELLA-RZL  
 Bender Wirth: 432 Typ L8



#### PHILIPS

LED Fortimo SLM L13 CoB  
 FWHM 45.0°  
 Efficiency 71 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 C13723\_MIRELLA-RZL  
 Bender Wirth: 432 Typ L8

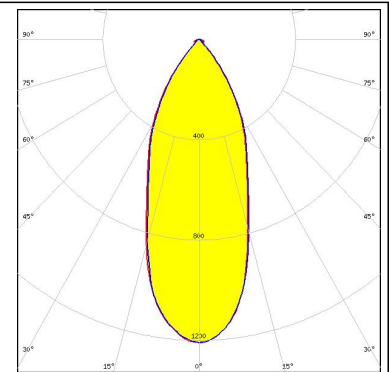




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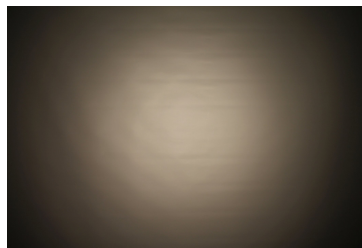
#### PHILIPS

LED Fortimo SLM L13 CoB  
 FWHM 40.0°  
 Efficiency 77 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 432 Typ L8



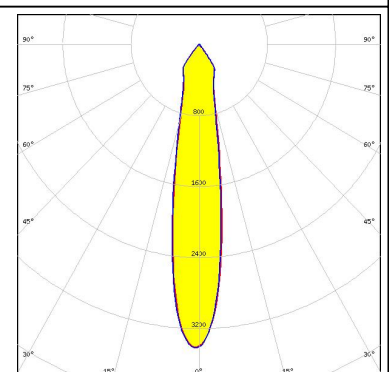
#### PHILIPS

LED Fortimo SLM L13 CoB  
 FWHM 40.0°  
 Efficiency 77 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 432 Typ L8



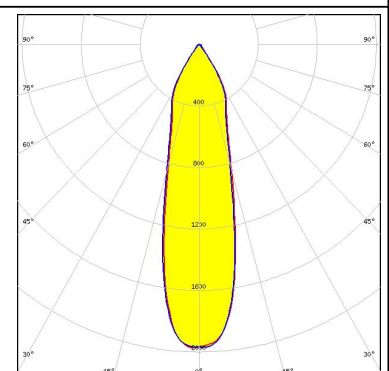
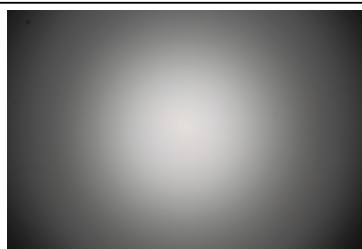
#### SAMSUNG

LED LC010C G2  
 FWHM 19.0°  
 Efficiency 86 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



#### SAMSUNG

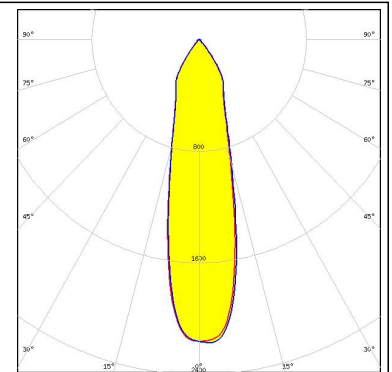
LED LC010T (Tunable White)  
 FWHM 27.0°  
 Efficiency 76 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 C14658\_BARBARA-RZ-LENS  
 Bender Wirth: 501 Typ L8



#### PHOTOMETRIC DATA (MEASURED):

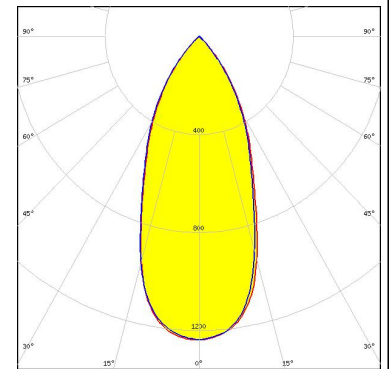
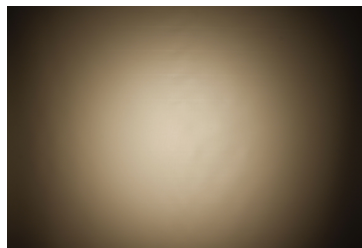
### SAMSUNG

LED LC010T (Tunable White)  
 FWHM 26.0°  
 Efficiency 81 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16142\_HEKLA-SOCKET-K  
 Bender Wirth: 501 Typ L8



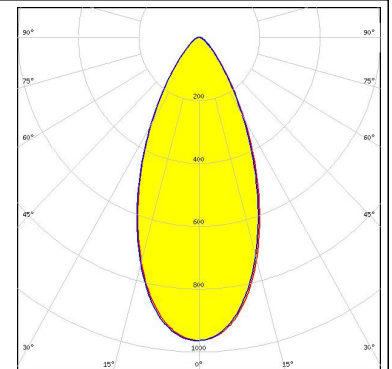
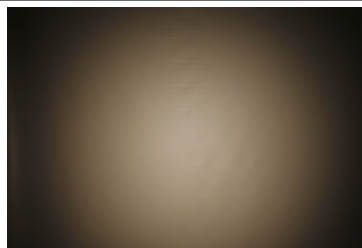
### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM 44.0°  
 Efficiency 83 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



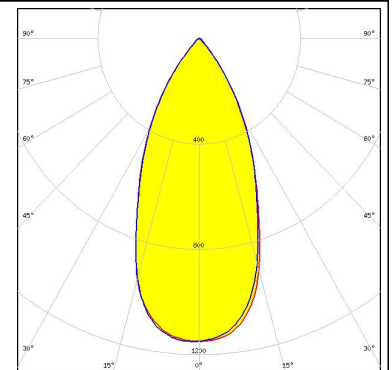
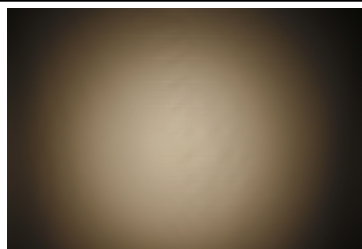
### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM 47.0°  
 Efficiency 74 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I  
 C13723\_MIRELLA-RZL



### SAMSUNG

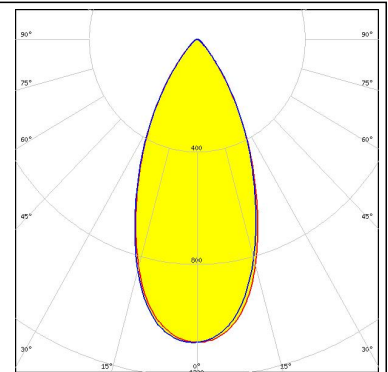
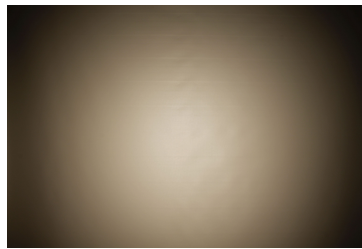
LED LC016D / LC019D / LC026D / LC033D  
 FWHM 47.0°  
 Efficiency 79 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15570\_LENA-STD-BASE2-VERO13-18  
 C13333\_MIRELLA-CL



#### PHOTOMETRIC DATA (MEASURED):

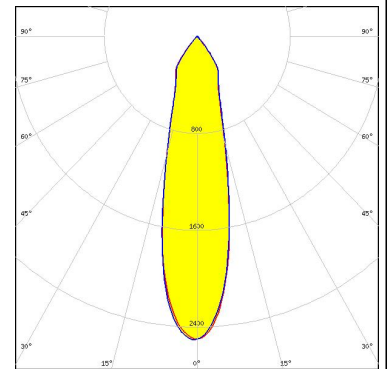
#### SAMSUNG

LED LC016D / LC019D / LC026D / LC033D  
 FWHM 47.0°  
 Efficiency 77 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I  
 C12479\_MIRELLA-DL



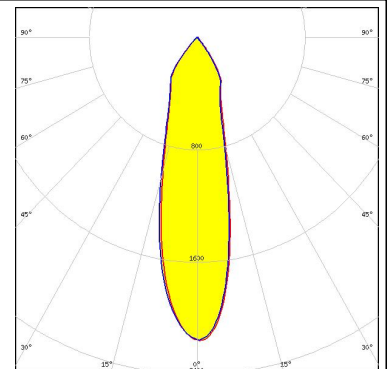
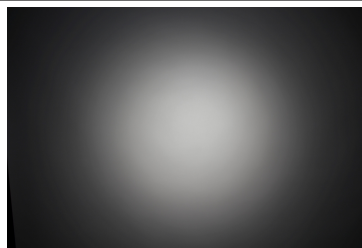
#### SAMSUNG

LED LC020C  
 FWHM 25.0°  
 Efficiency 88 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



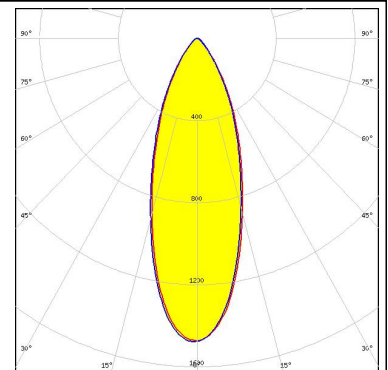
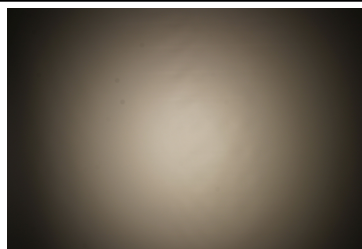
#### SAMSUNG

LED LC020C G2  
 FWHM 27.0°  
 Efficiency 85 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



#### TRIDONIC

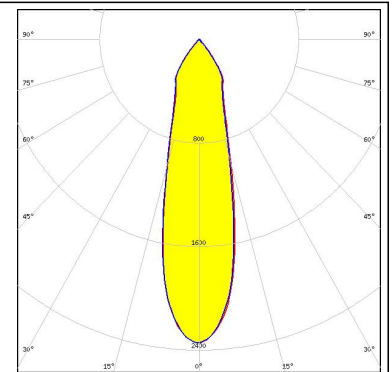
LED SLE G7 LES09  
 FWHM 36.0°  
 Efficiency 82 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C  
 C13723\_MIRELLA-RZL



#### PHOTOMETRIC DATA (MEASURED):

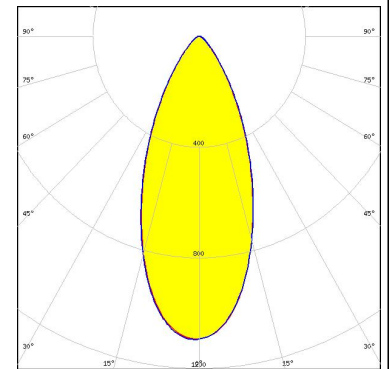
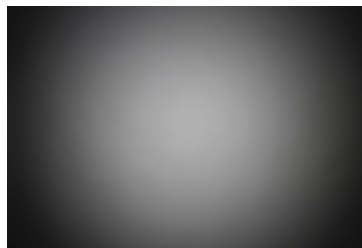
#### TRIDONIC

LED SLE G7 LES09  
 FWHM 27.0°  
 Efficiency 89 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



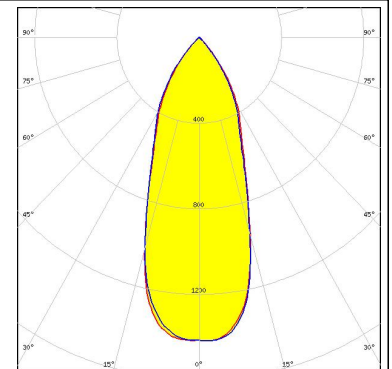
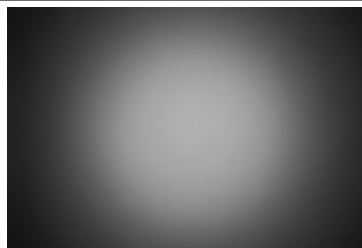
#### TRIDONIC

LED SLE G7 LES13  
 FWHM 44.0°  
 Efficiency 76 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I  
 C13723\_MIRELLA-RZL



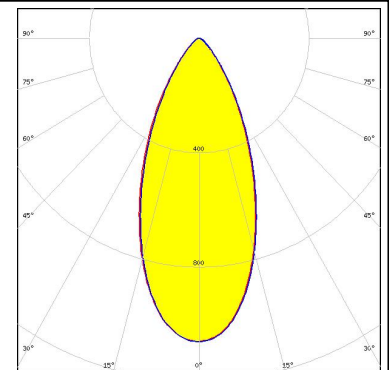
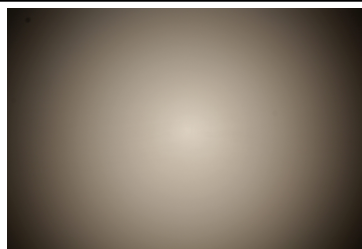
#### TRIDONIC

LED SLE G7 LES13  
 FWHM 39.0°  
 Efficiency 84 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



#### XICATO

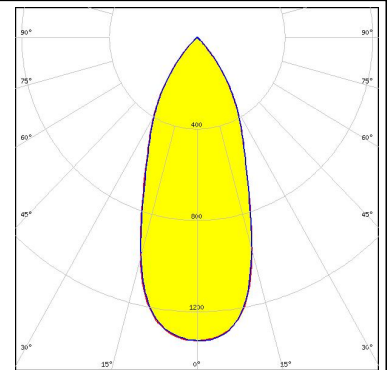
LED XOB 14.5 mm  
 FWHM 46.0°  
 Efficiency 77 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I  
 C13723\_MIRELLA-RZL



#### PHOTOMETRIC DATA (MEASURED):

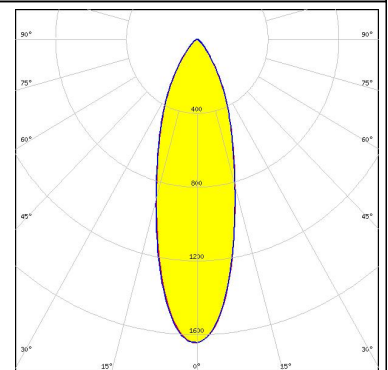
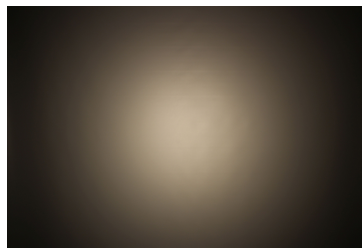
#### XICATO

LED XOB 14.5 mm  
 FWHM 42.0°  
 Efficiency 84 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15859\_HEKLA-SOCKET-I



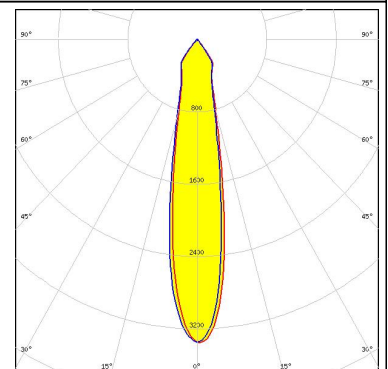
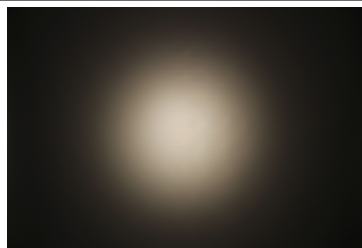
#### XICATO

LED XOB 6 mm  
 FWHM 31.0°  
 Efficiency 80 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C  
 C13723\_MIRELLA-RZL



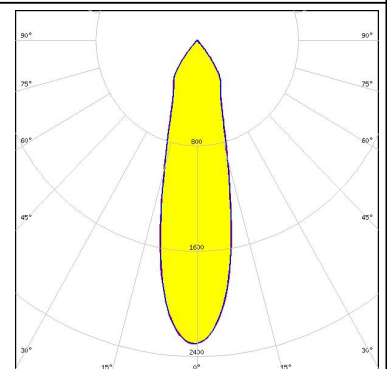
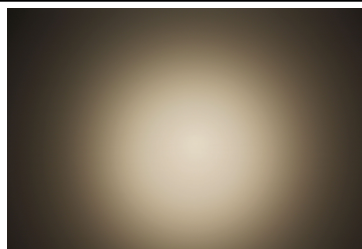
#### XICATO

LED XOB 6 mm  
 FWHM 20.0°  
 Efficiency 87 %  
 Peak intensity 3.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



#### XICATO

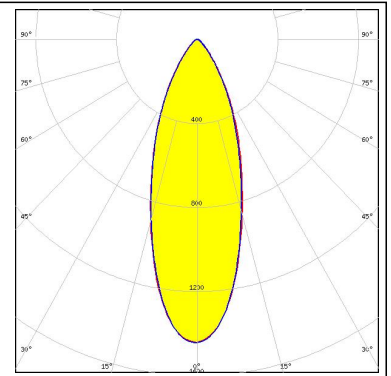
LED XOB 9.8 mm  
 FWHM 27.0°  
 Efficiency 88 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C  
 C13723\_MIRELLA-RZL



## PHOTOMETRIC DATA (MEASURED):

### XICATO

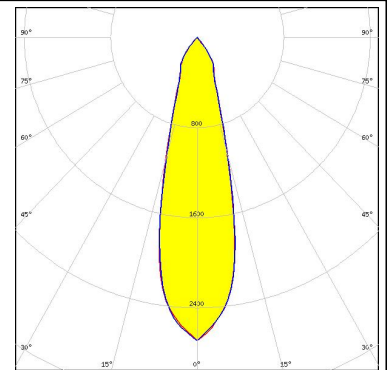
LED XOB 9.8 mm  
FWHM 36.0°  
Efficiency 80 %  
Peak intensity 1.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F15255\_HEKLA-SOCKET-C  
C13723\_MIRELLA-RZL



#### PHOTOMETRIC DATA (SIMULATED):

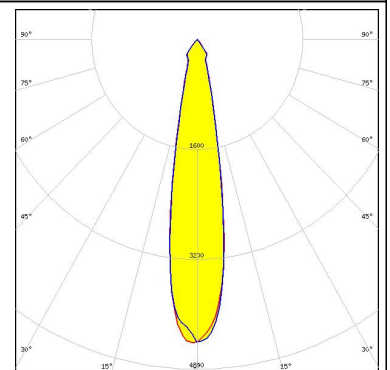
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
 FWHM 27.3°  
 Efficiency 87 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



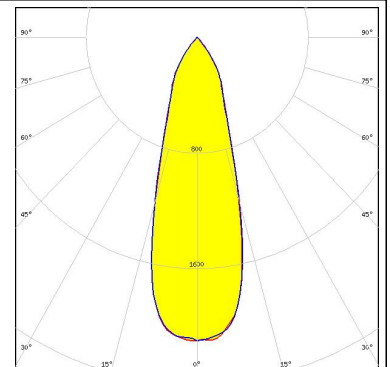
#### LUMILEDS

LED LUXEON M/MX  
 FWHM 20.0°  
 Efficiency 89 %  
 Peak intensity 4.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15255\_HEKLA-SOCKET-C



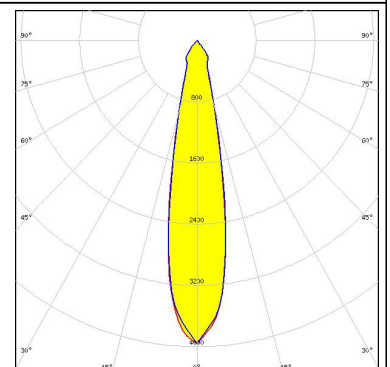
#### NICHIA

LED COB L-Type (LES 11)  
 FWHM 32.0°  
 Efficiency 88 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15858\_HEKLA-SOCKET-H



#### NICHIA

LED COB T-Type  
 FWHM 21.0°  
 Efficiency 88 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F15848\_HEKLA-SOCKET-G



#### 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:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

[www.ledil.com/where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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