

## WINNIE-W-C

~50° spot beam with holder C compatible with  
LEDiL HEKLA

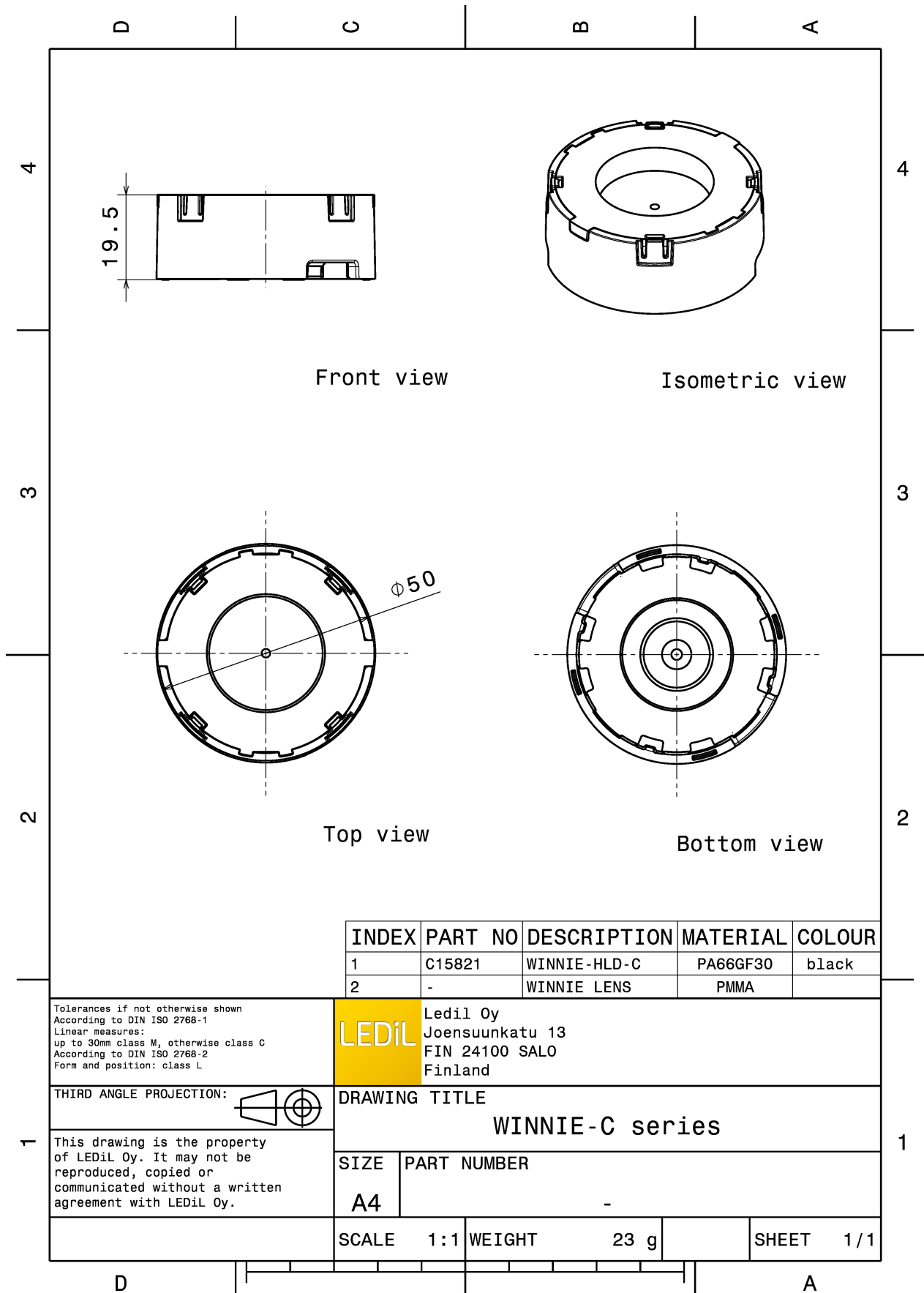
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.0 mm
Height	19.5 mm
Fastening	tape
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	364 pcs
ROHS compliant	yes ⓘ

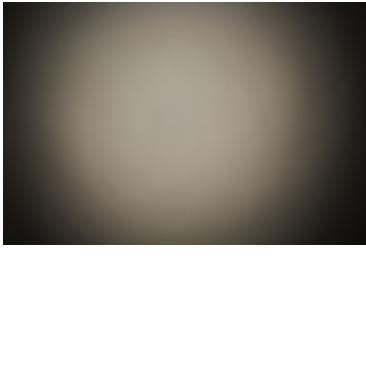
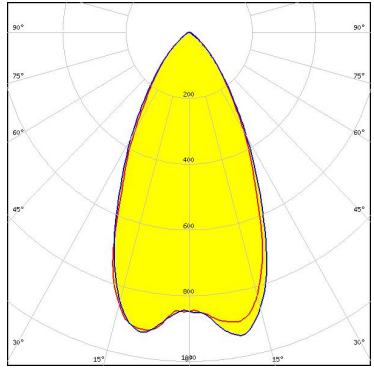
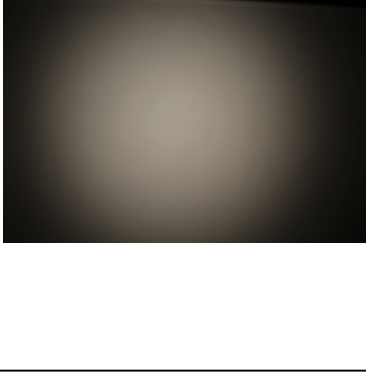
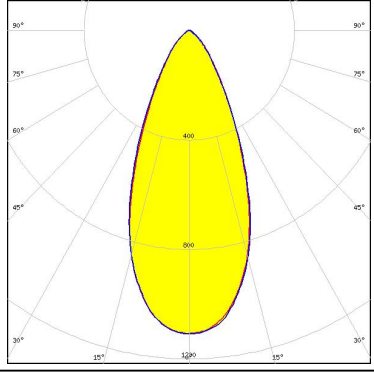
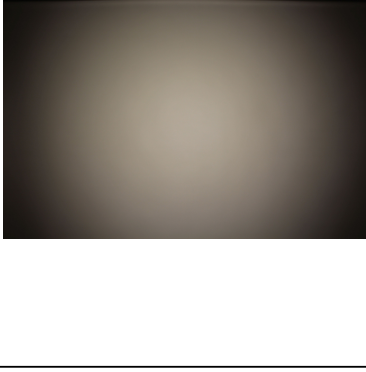
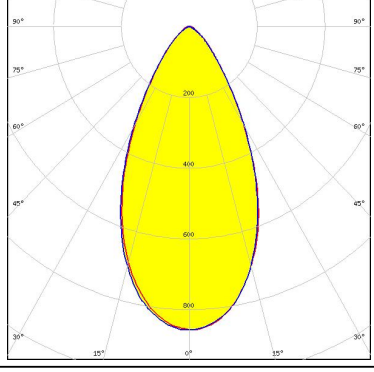

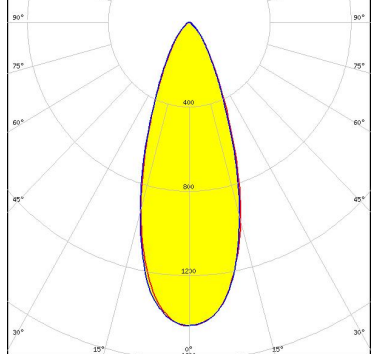


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
WINNIE-W	Lens	PMMA	clear
WINNIE-HLD-C	Holder	PC	black



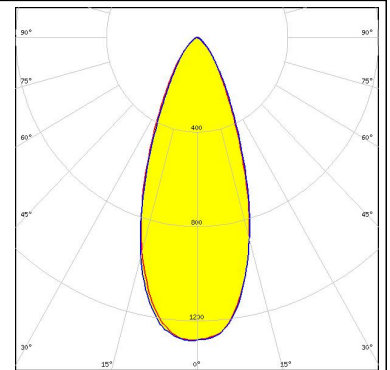
#### PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM 53.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 0.940 cd/lm</p> <p>Required components: F15253_HEKLA-SOCKET-A</p>		
<p>bridgelux.</p> <p>LED VERO13</p> <p>FWHM 45.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 1.100 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>		
<p>bridgelux.</p> <p>LED VERO18</p> <p>FWHM 52.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 0.860 cd/lm</p> <p>Required components: LEDiL: C16142_HEKLA-SOCKET-K</p>		
<p>bridgelux.</p> <p>LED Vesta TW 9mm (12W)</p> <p>FWHM 38.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 1.400 cd/lm</p> <p>Required components: C16142_HEKLA-SOCKET-K</p>		

### PHOTOMETRIC DATA (MEASURED):

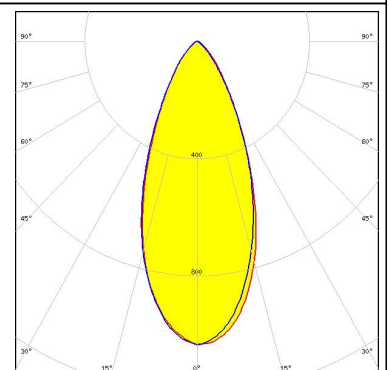
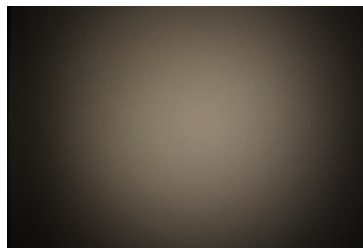
#### CITIZEN

LED CLC020 Series (Dim-To-Warm)  
FWHM 41.0°  
Efficiency 79 %  
Peak intensity 1.300 cd/lm  
Required components:  
C16142\_HEKLA-SOCKET-K



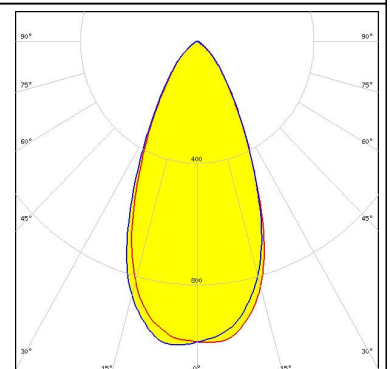
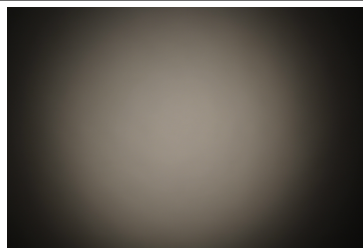
#### CITIZEN

LED CLC030 Series (Dim-To-Warm)  
FWHM 43.0°  
Efficiency 70 %  
Peak intensity 1.000 cd/lm  
Required components:  
C16142\_HEKLA-SOCKET-K



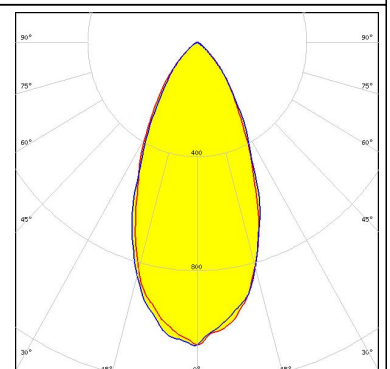
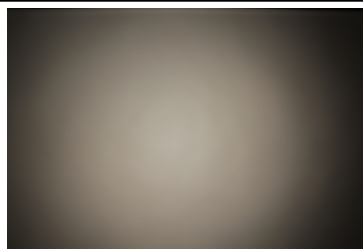
#### CITIZEN

LED CLL02x/CLU02x (LES10)  
FWHM 48.0°  
Efficiency 79 %  
Peak intensity 1.000 cd/lm  
Required components:  
F15255\_HEKLA-SOCKET-C



#### CITIZEN

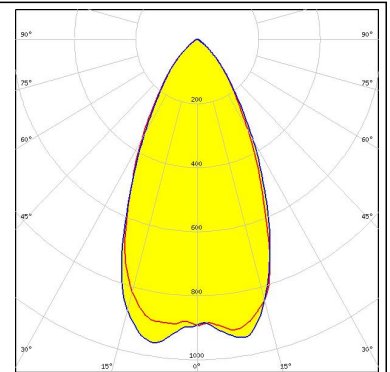
LED CLU LES 4.2mm (HI-Ver.3)  
FWHM 48.0°  
Efficiency 84 %  
Peak intensity 1.100 cd/lm  
Required components:  
F15255\_HEKLA-SOCKET-C



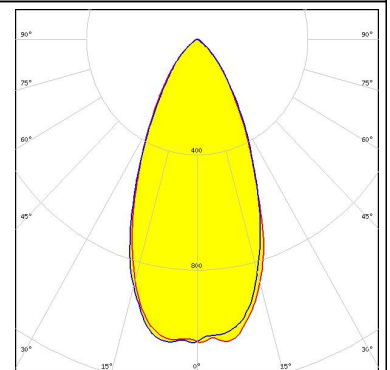
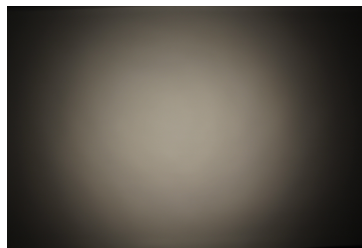
#### PHOTOMETRIC DATA (MEASURED):



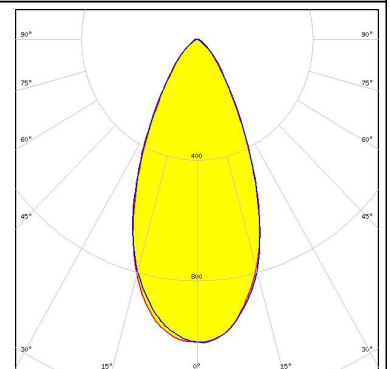
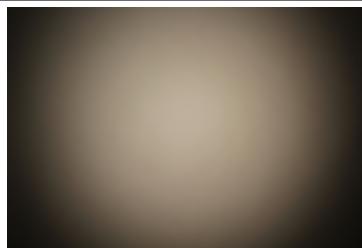
LED CXA/B 13xx  
 FWHM 52.0°  
 Efficiency 83 %  
 Peak intensity 1.000 cd/lm  
 Required components:  
 F15956\_HEKLA-SOCKET-J



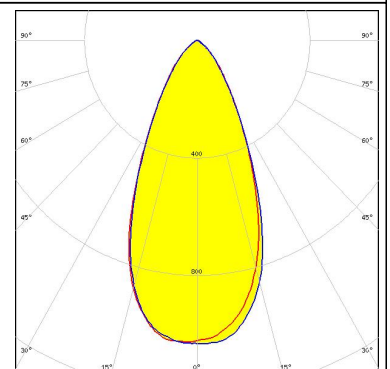
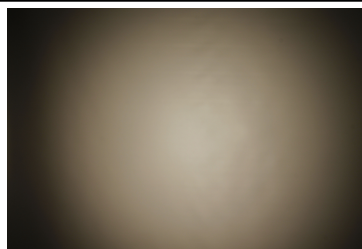
LED LUXEON CoB 1202s  
 FWHM 48.0°  
 Efficiency 83 %  
 Peak intensity 1.100 cd/lm  
 Required components:  
 F15848\_HEKLA-SOCKET-G



LED CXM-14  
 FWHM 48.0°  
 Efficiency 78 %  
 Peak intensity 1.000 cd/lm  
 Required components:  
 F15859\_HEKLA-SOCKET-I



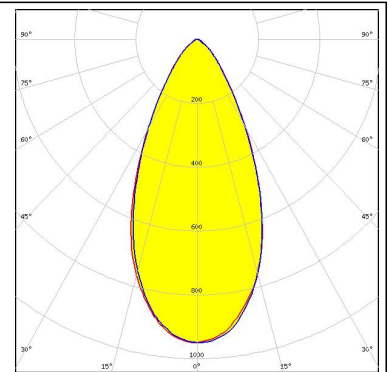
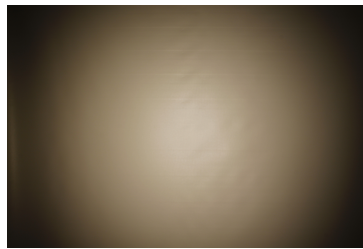
LED CXM-9  
 FWHM 48.0°  
 Efficiency 81 %  
 Peak intensity 1.000 cd/lm  
 Required components:  
 F15255\_HEKLA-SOCKET-C



#### PHOTOMETRIC DATA (MEASURED):

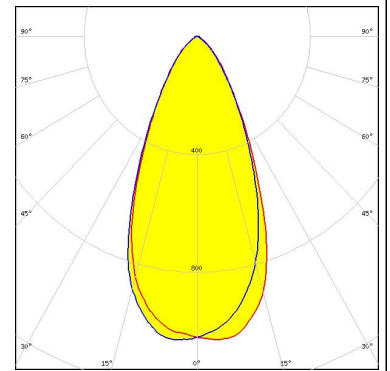
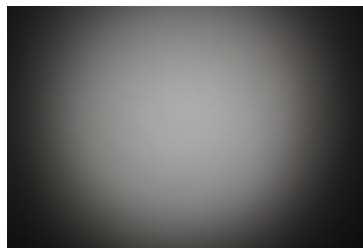
### SAMSUNG

LED COB D Series LES 14.5 mm  
 FWHM 49.0°  
 Efficiency 77 %  
 Peak intensity 0.950 cd/lm  
 Required components:  
 F15859\_HEKLA-SOCKET-I



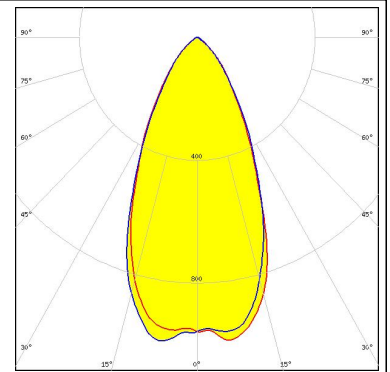
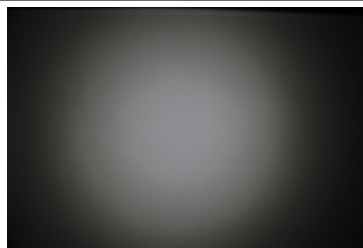
### SAMSUNG

LED COB D Series LES 9.8 mm  
 FWHM 48.0°  
 Efficiency 81 %  
 Peak intensity 1.000 cd/lm  
 Required components:  
 F15255\_HEKLA-SOCKET-C



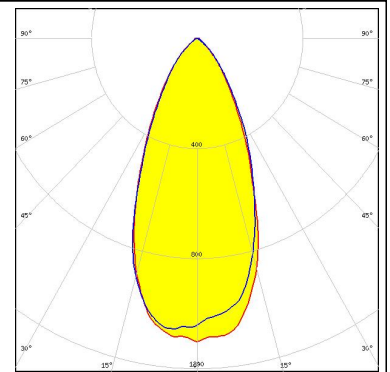
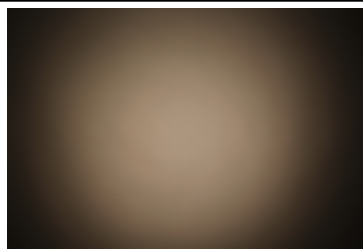
### SAMSUNG

LED LC010C  
 FWHM 49.0°  
 Efficiency 82 %  
 Peak intensity 1.000 cd/lm  
 Required components:  
 F15848\_HEKLA-SOCKET-G



### SAMSUNG

LED LC010C G2  
 FWHM 46.0°  
 Efficiency 82 %  
 Peak intensity 1.100 cd/lm  
 Required components:  
 F15255\_HEKLA-SOCKET-C



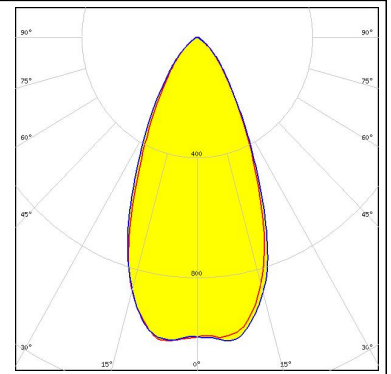
### PHOTOMETRIC DATA (MEASURED):

#### SAMSUNG

LED LC020C  
FWHM 48.0°  
Efficiency 82 %  
Peak intensity 1.000 cd/lm

Required components:

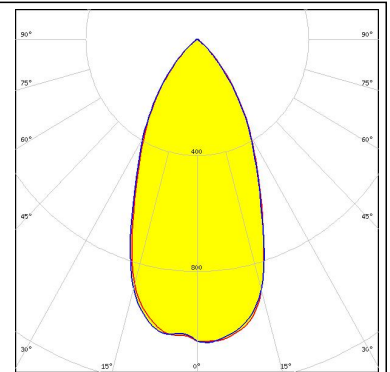
F15848\_HEKLA-SOCKET-G



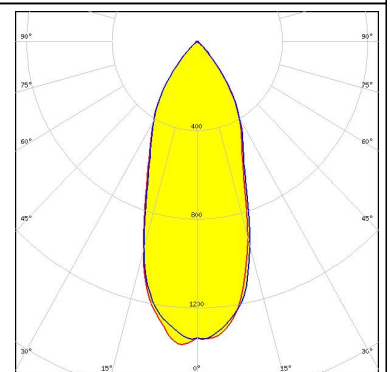
#### PHOTOMETRIC DATA (SIMULATED):



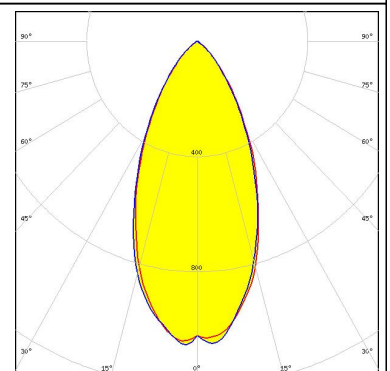
LED CXA/B 15xx  
FWHM 49.0°  
Efficiency 85 %  
Peak intensity 1.060 cd/lm  
Required components:  
F15256\_HEKLA-SOCKET-D



LED CXA/B 1816 & CXA/B 1820 & CXA 1850  
FWHM 39.0°  
Efficiency 88 %  
Peak intensity 1.400 cd/lm  
Required components:  
F15254\_HEKLA-SOCKET-B



LED SLE G6 LES15  
FWHM 47.0°  
Efficiency 82 %  
Peak intensity 1.100 cd/lm  
Required components:  
F15859\_HEKLA-SOCKET-I





### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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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[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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