

## OLIVIA-M

~60° medium beam

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 70.0 mm
Height	22.6 mm
Fastening	screw
ROHS compliant	yes ⓘ

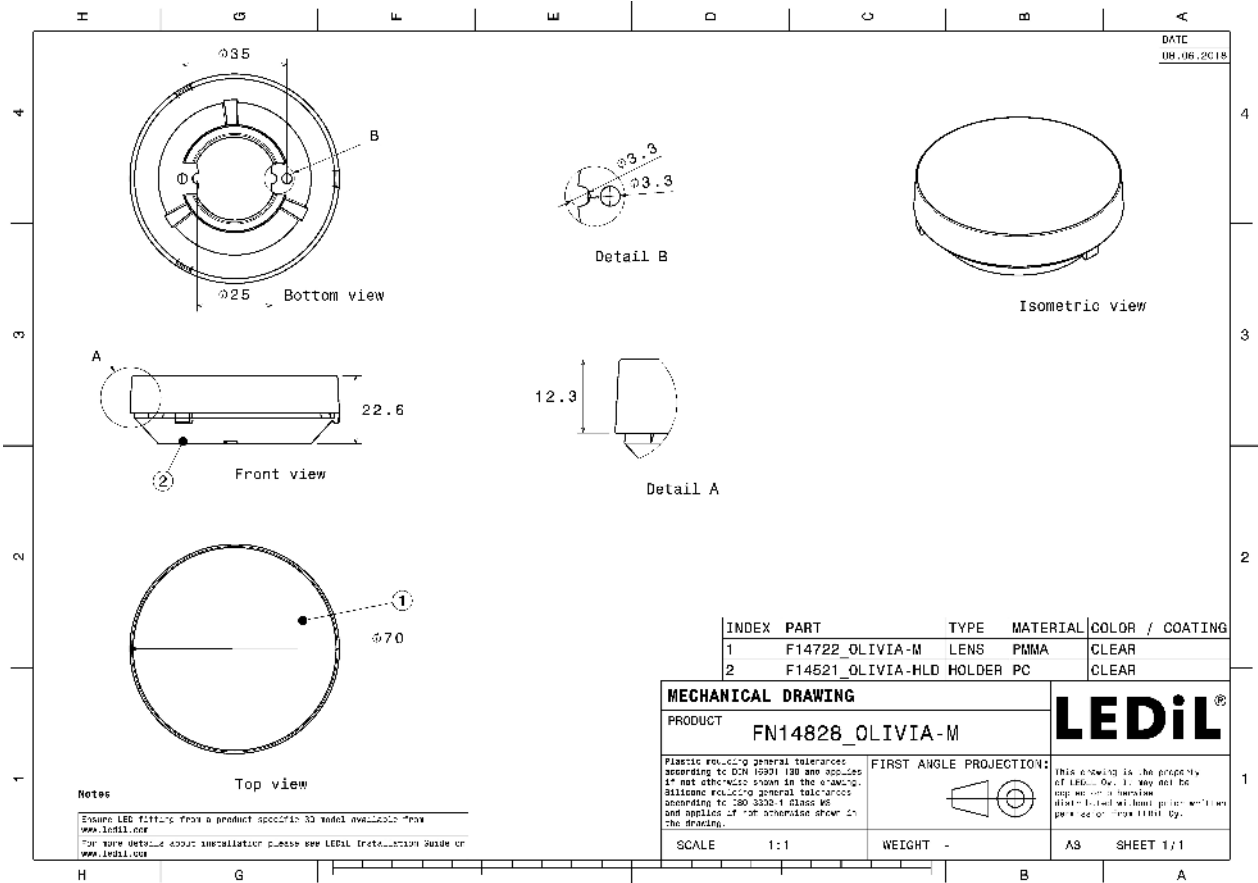
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
OLIVIA-M	Single lens	PC		
OLIVIA-HLD	Holder	PC		



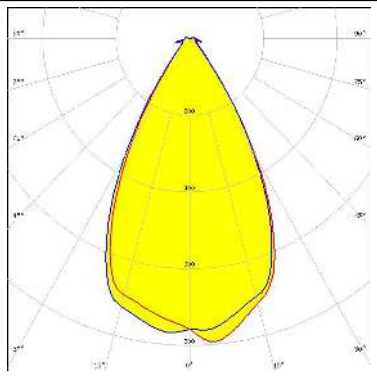

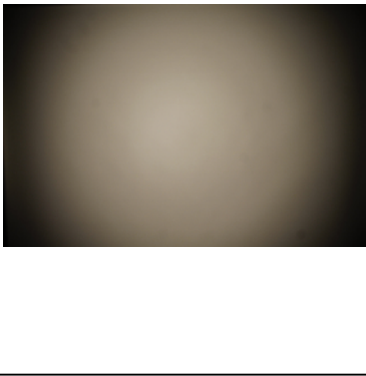
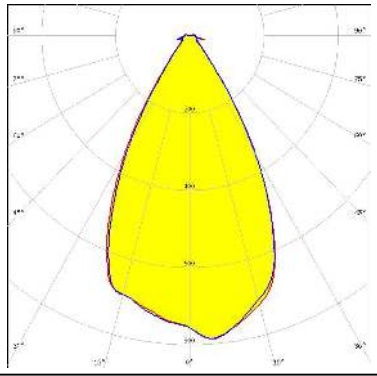

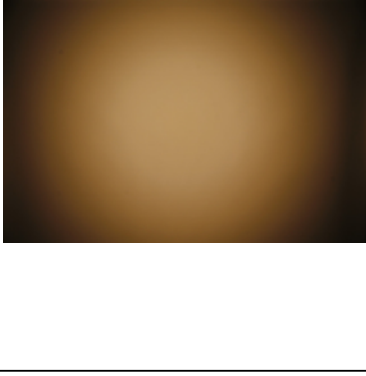
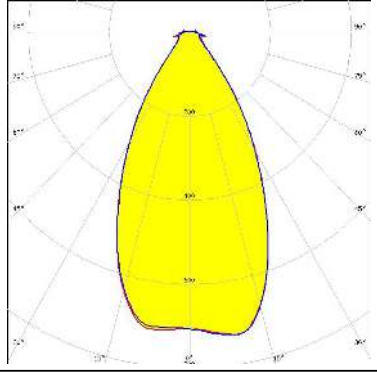

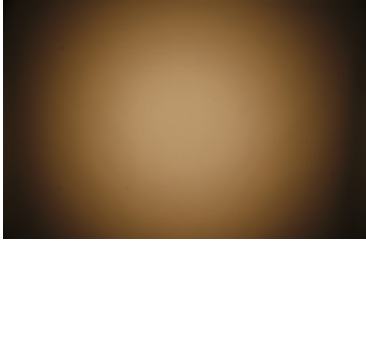
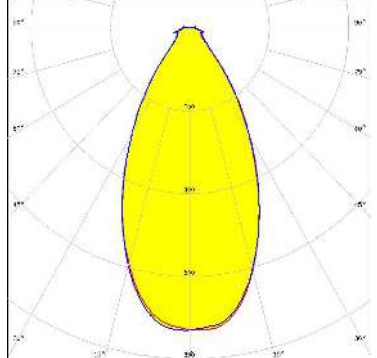


### ORDERING INFORMATION:


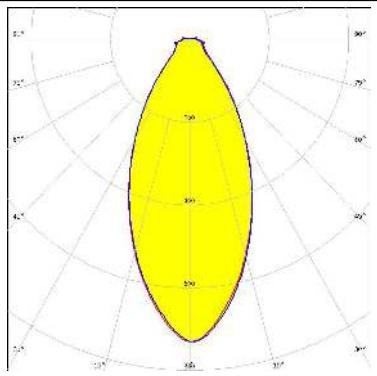
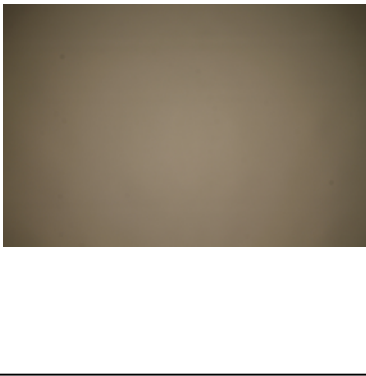
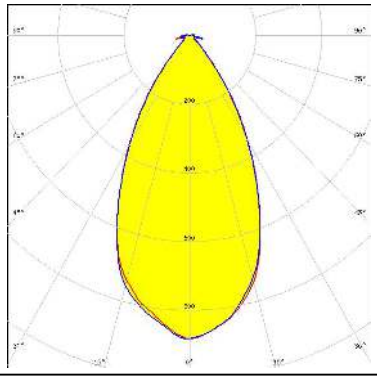
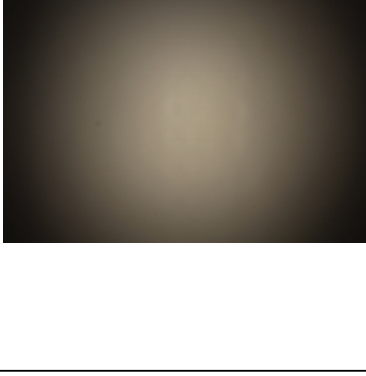
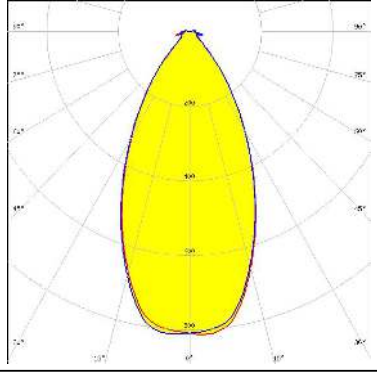
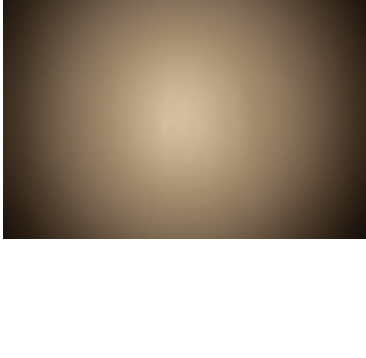
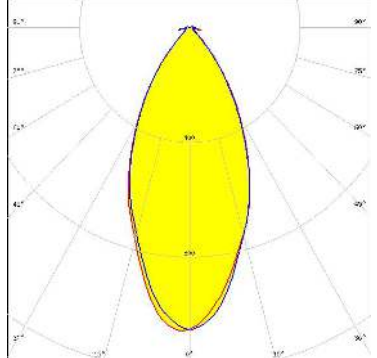
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FN14828_OLIVIA-M	Single lens	140	140	20	0.0
» Box size:					




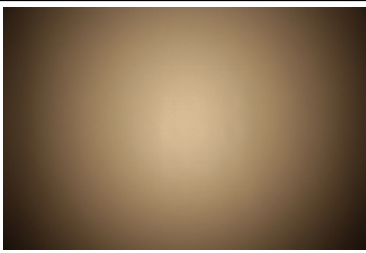
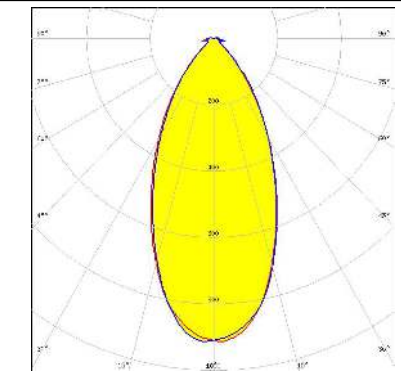

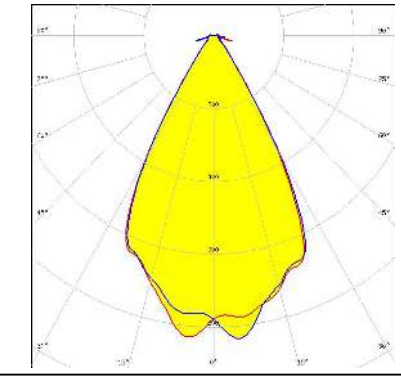


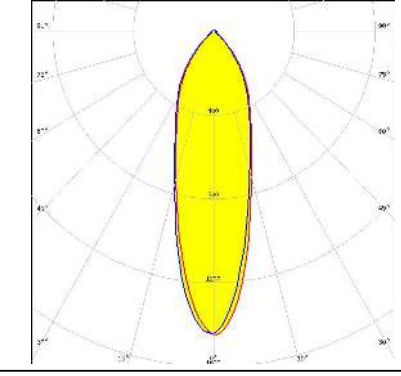

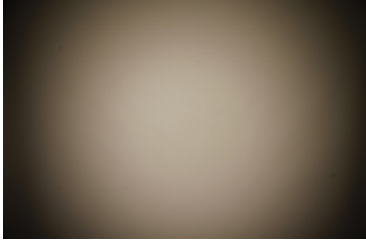
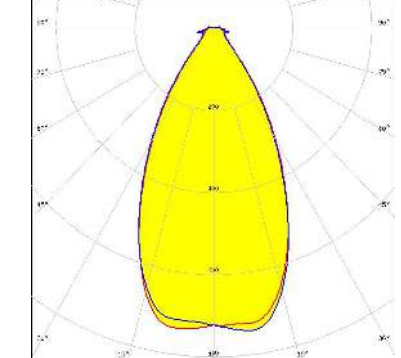
#### PHOTOMETRIC DATA (MEASURED):

<p> LED V10 Gen6            FWHM 58.0°            Efficiency 76 %            Peak intensity 0.790 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.6214</p>		
<p> LED V10 Gen7            FWHM 57.0°            Efficiency 76 %            Peak intensity 0.800 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.6060</p>		
<p> LED V15 Gen6            FWHM 55.0°            Efficiency 75 %            Peak intensity 0.700 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.2224</p>		
<p> LED V18 Gen6            FWHM 53.0°            Efficiency 74 %            Peak intensity 0.700 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.2274</p>		

## PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V22 Gen6 FWHM 50.0° Efficiency 72 % Peak intensity 0.700 cd/lm LEDs/each optic 1 Light colour White Required components: A.A.G. STUCCHI: 8102/G2</p>		
<p>bridgelux.</p> <p>LED Vero SE 13 FWHM 54.0° Efficiency 80 % Peak intensity 0.880 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>bridgelux.</p> <p>LED Vero SE 18 FWHM 52.0° Efficiency 78 % Peak intensity 0.820 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>bridgelux.</p> <p>LED Xenio Point 13mm FWHM 48.0° Efficiency 83 % Peak intensity 1.060 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

#### PHOTOMETRIC DATA (MEASURED):

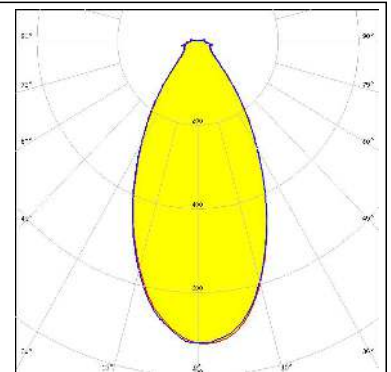
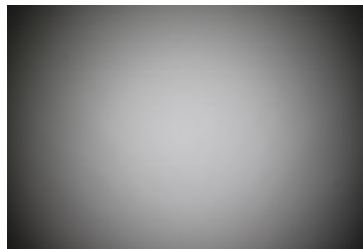
<p> LED Xenio Point 18mm            FWHM 49.0°            Efficiency 81 %            Peak intensity 0.920 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CITIZEN</b>            LED CLU700/701/702            FWHM 59.0°            Efficiency 77 %            Peak intensity 0.900 cd/lm            LEDs/each optic 1            Light colour White            Required components:            A.A.G. STUCCHI: 8100/G2</p>		
<p><b>CREE</b>             LED CXA/B 1816 &amp; CXA/B 1820 &amp; CXA 1850            FWHM 30.0°            Efficiency 82 %            Peak intensity 1.500 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p> <b>LUMILEDS</b>            LED LUXEON CoB 1208            FWHM 55.0°            Efficiency 75 %            Peak intensity 0.700 cd/lm            LEDs/each optic 1            Light colour White            Required components:            A.A.G. STUCCHI: 8301/G2</p>		



### PHOTOMETRIC DATA (MEASURED):

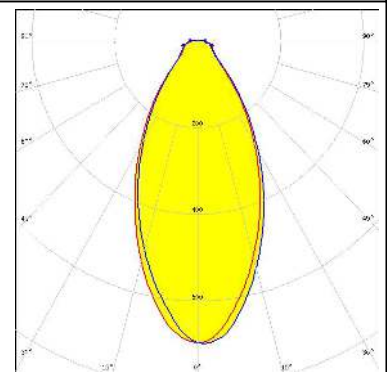
#### LUMILEDS

LED LUXEON CoB 1211  
 FWHM 52.0°  
 Efficiency 74 %  
 Peak intensity 0.720 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.2030



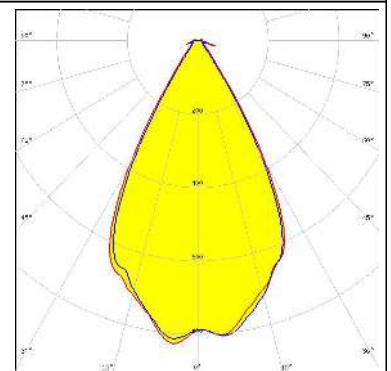
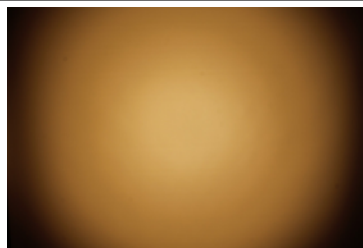
#### LUMILEDS

LED LUXEON CoB 1216/1812  
 FWHM 51.0°  
 Efficiency 72 %  
 Peak intensity 0.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.2030



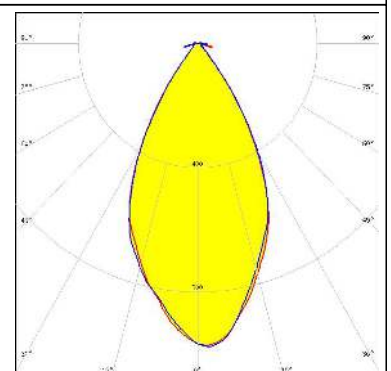
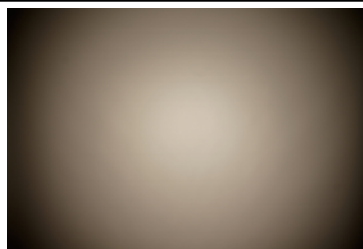
#### LUMILEDS

LED LUXEON CoB Compact  
 FWHM 58.0°  
 Efficiency 77 %  
 Peak intensity 0.830 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 BJB: 47.319.6180



#### PHILIPS

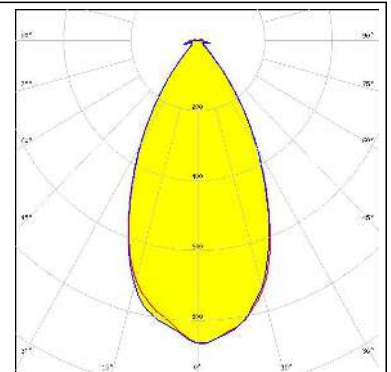
LED Fortimo SLM L09 + SLM holder (PI)  
 FWHM 54.0°  
 Efficiency 81 %  
 Peak intensity 0.980 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

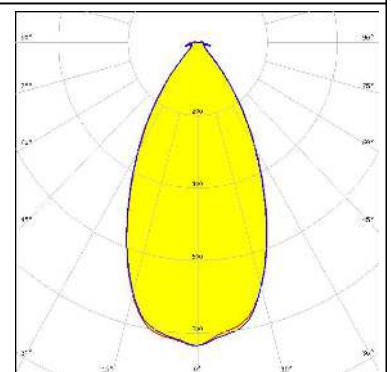
#### PHILIPS

LED Fortimo SLM L13 + SLM holder (PI)  
 FWHM 53.0°  
 Efficiency 78 %  
 Peak intensity 0.870 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



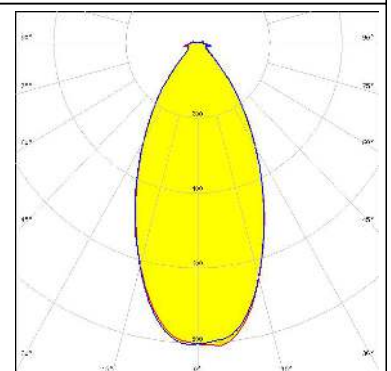
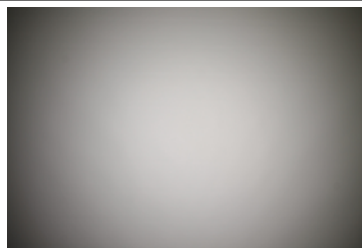
#### PHILIPS

LED Fortimo SLM L15 + SLM holder (PI)  
 FWHM 53.0°  
 Efficiency 78 %  
 Peak intensity 0.840 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



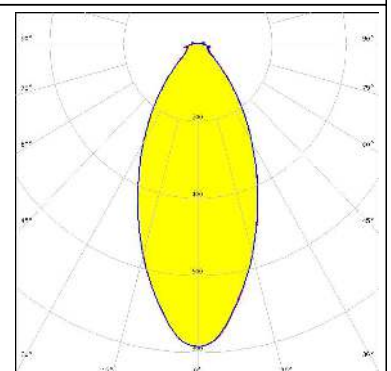
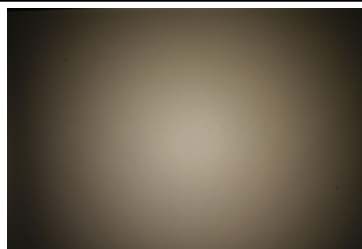
#### PHILIPS

LED Fortimo SLM L19 + SLM holder (PI)  
 FWHM 51.0°  
 Efficiency 77 %  
 Peak intensity 0.810 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHILIPS

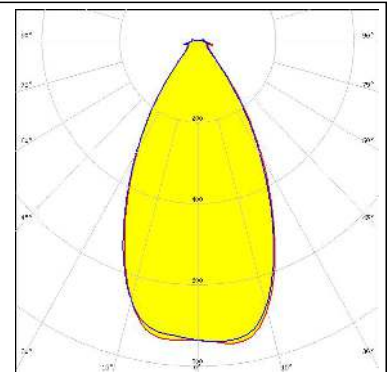
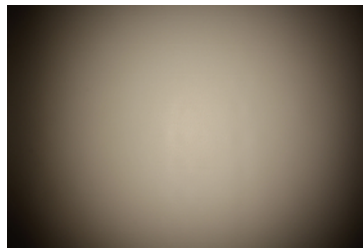
LED Fortimo SLM L23 CoB  
 FWHM 48.0°  
 Efficiency 75 %  
 Peak intensity 0.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

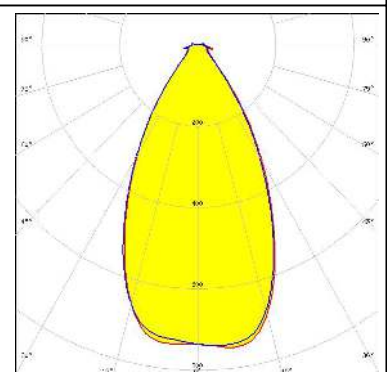
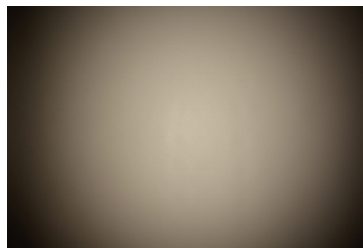
#### SAMSUNG

LED COB D Series LES 14.5 mm  
FWHM 55.0°  
Efficiency 76 %  
Peak intensity 0.750 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.319.2021



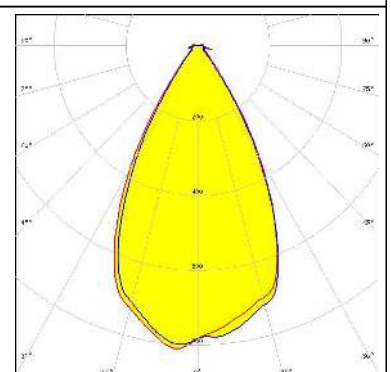
#### SAMSUNG

LED COB D Series LES 14.5 mm  
FWHM 55.0°  
Efficiency 76 %  
Peak intensity 0.750 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
A.A.G. STUCCHI: 8101/G2



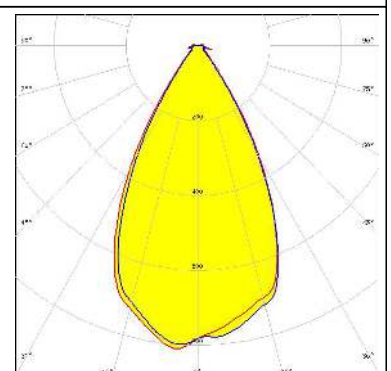
#### SAMSUNG

LED COB D Series LES 9.8 mm  
FWHM 57.0°  
Efficiency 77 %  
Peak intensity 0.820 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
A.A.G. STUCCHI: 8100/G2



#### SAMSUNG

LED COB D Series LES 9.8 mm  
FWHM 57.0°  
Efficiency 77 %  
Peak intensity 0.820 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.319.6060

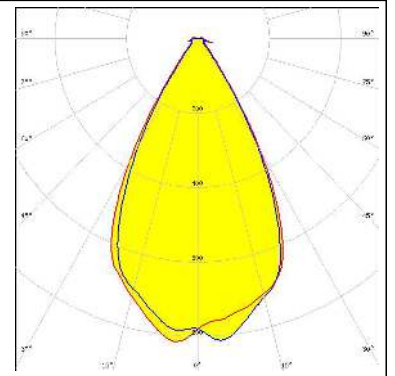




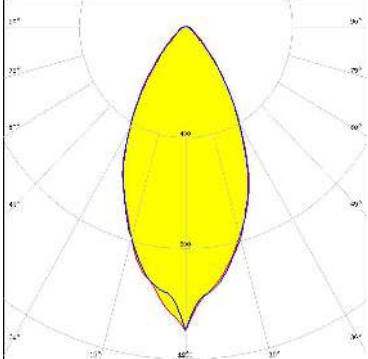
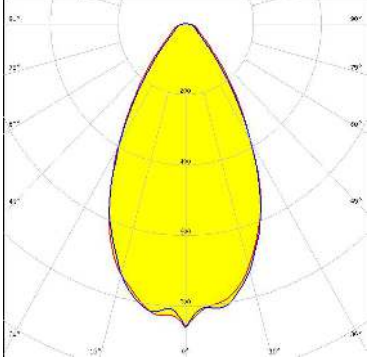
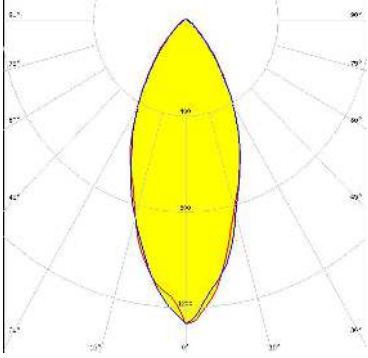
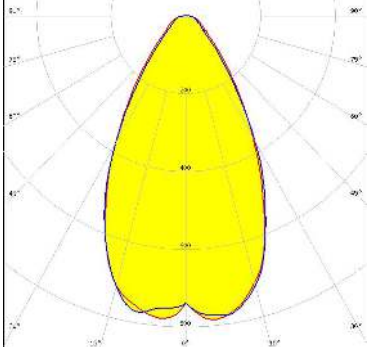
## PHOTOMETRIC DATA (MEASURED):

### SHARP

LED Mini Zenigata (GW6BM)  
FWHM 57.0°  
Efficiency 77 %  
Peak intensity 0.880 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.319.6180



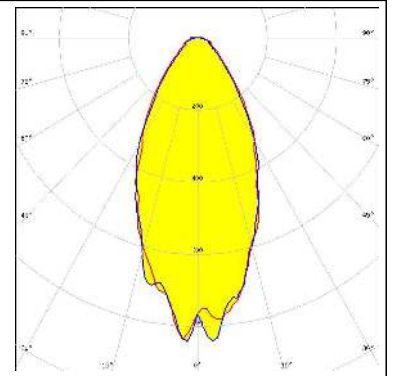
#### PHOTOMETRIC DATA (SIMULATED):

<p>bridgelux.</p> <p>LED V13 Gen7            FWHM 50.0°            Efficiency 93 %            Peak intensity 1.100 cd/lm            LEDs/each optic 1            Light colour White            Required components:            TE: 2213254-1</p>	
<p>bridgelux.</p> <p>LED V13 Gen7            FWHM 43.0°            Efficiency 90 %            Peak intensity 0.860 cd/lm            LEDs/each optic 1            Light colour White            Required components:            BJB: 47.319.2021</p>	
<p>bridgelux.</p> <p>LED V13 Gen7            FWHM 44.0°            Efficiency 94 %            Peak intensity 1.270 cd/lm            LEDs/each optic 1            Light colour White            Required components:            Bender Wirth: 477 Typ Z1</p>	
<p>bridgelux.</p> <p>LED V13 Gen7            FWHM 58.0°            Efficiency 89 %            Peak intensity 0.800 cd/lm            LEDs/each optic 1            Light colour White            Required components:            TE: 2213254-2</p>	

## PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED V22 Gen7  
FWHM 48.0°  
Efficiency 82 %  
Peak intensity 0.921 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
BJB: 47.319.2030



### 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

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#### Local sales and technical support

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

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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