

ANGELETTE-WW-B

~60° wide beam compatible with BJB connectors

TECHNICAL SPECIFICATIONS:

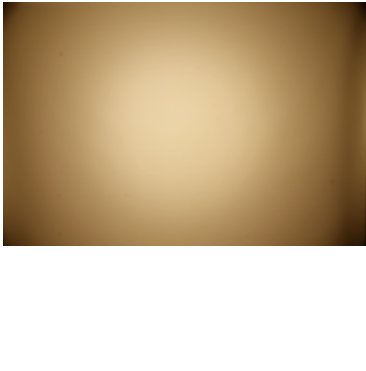
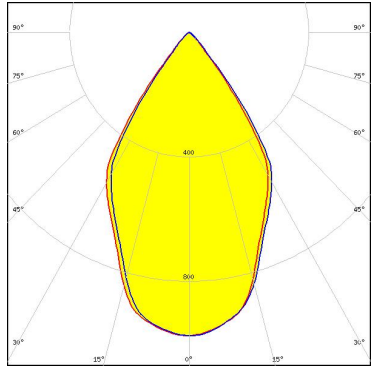
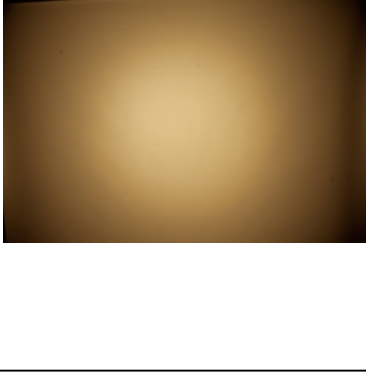
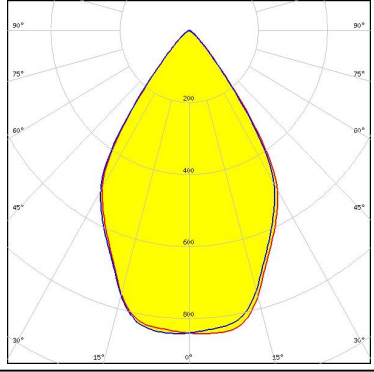
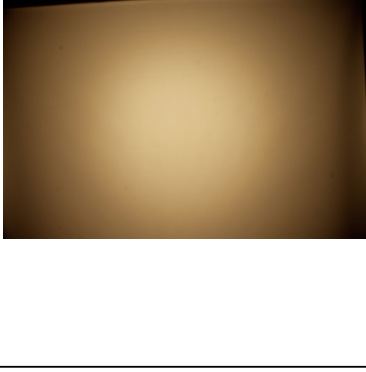
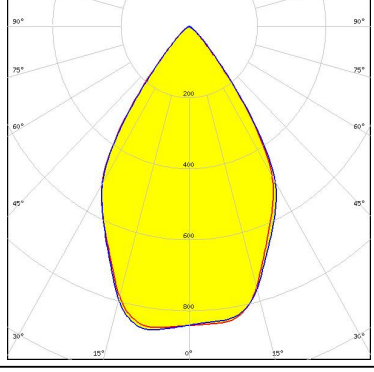
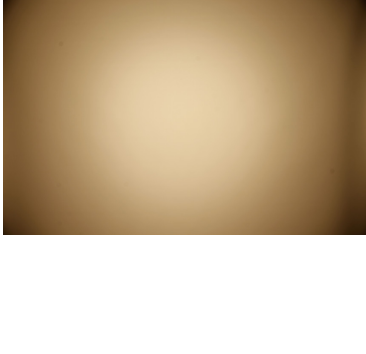
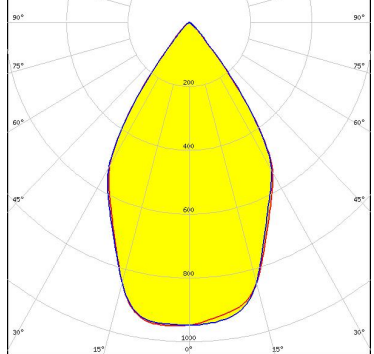
Dimensions	Ø 110.0 mm
Height	57.3 mm
Fastening	socket
Colour	metal
Box size	398 x 298 x 265 mm
Box weight	5.2 kg
Quantity in Box	120 pcs
ROHS compliant	yes ⓘ




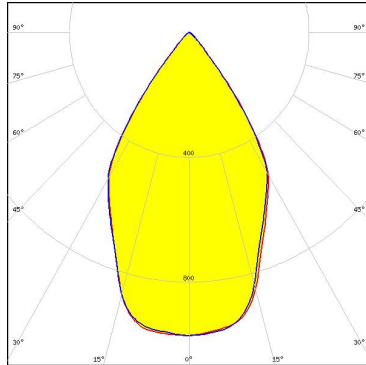
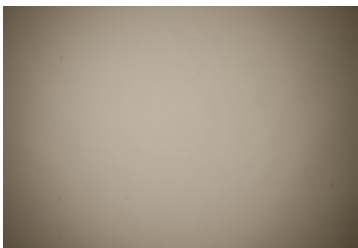
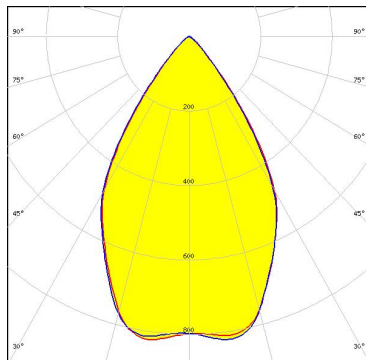

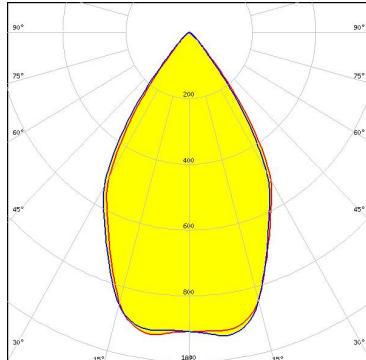
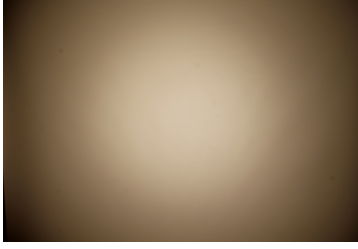
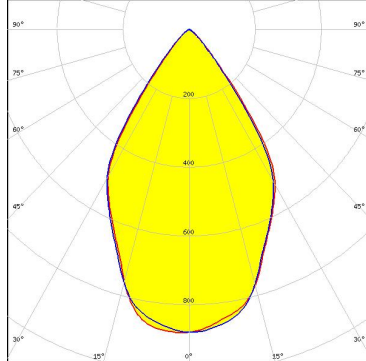
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Coating
ANGELETTE-WW-B	Reflector	PC	metal	

PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V15 Gen6 FWHM 65.0° Efficiency 89 % Peak intensity 0.980 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.319.2224</p>		
<p>bridgelux.</p> <p>LED V15 Gen6 FWHM 66.0° Efficiency 85 % Peak intensity 0.850 cd/lm LEDs/each optic 1 Light colour White Required components: F13671_ANGE-RZ-LENS BJB: 47.319.2224</p>		
<p>bridgelux.</p> <p>LED V18 Gen6 FWHM 65.0° Efficiency 86 % Peak intensity 0.860 cd/lm LEDs/each optic 1 Light colour White Required components: F13671_ANGE-RZ-LENS BJB: 47.319.2274</p>		
<p>bridgelux.</p> <p>LED V18 Gen6 FWHM 64.0° Efficiency 89 % Peak intensity 0.950 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.319.2274</p>		

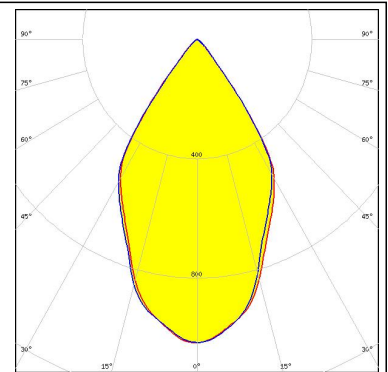
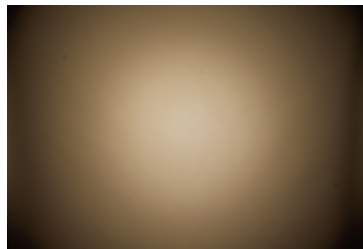
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V18 Gen7 FWHM 64.0° Efficiency 89 % Peak intensity 0.970 cd/lm LEDs/each optic 1 Light colour White Required components: BJB: 47.319.2350</p>		
<p>bridgelux.</p> <p>LED V22 Gen6 FWHM 64.0° Efficiency 83 % Peak intensity 0.820 cd/lm LEDs/each optic 1 Light colour White Required components: F13671_ANGE-RZ-LENS A.A.G. STUCCHI: 8102/G2</p>		
<p>bridgelux.</p> <p>LED V22 Gen6 FWHM 63.0° Efficiency 87 % Peak intensity 0.930 cd/lm LEDs/each optic 1 Light colour White Required components: A.A.G. STUCCHI: 8102/G2</p>		
<p>CITIZEN</p> <p>LED CLL03x/CLU03x FWHM 65.0° Efficiency 85 % Peak intensity 0.880 cd/lm LEDs/each optic 1 Light colour White Required components: F13671_ANGE-RZ-LENS A.A.G. STUCCHI: 8101/G2</p>		

PHOTOMETRIC DATA (MEASURED):

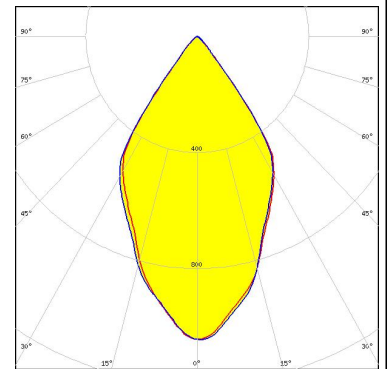
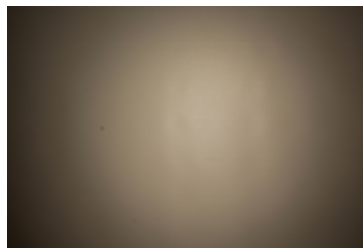
CITIZEN

LED CLL03x/CLU03x
 FWHM 63.0°
 Efficiency 89 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 A.A.G. STUCCHI: 8101/G2



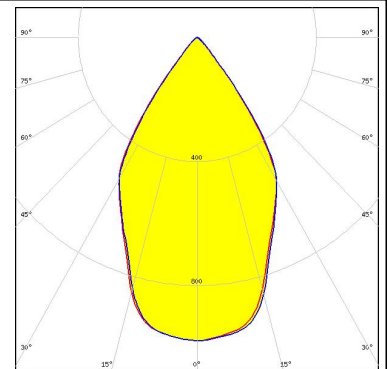
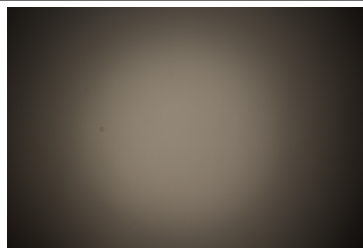
CREE

LED CXA/B 1816 & CXA/B 1820 & CXA 1850
 FWHM 62.0°
 Efficiency 90 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 A.A.G. STUCCHI: 8403/G2



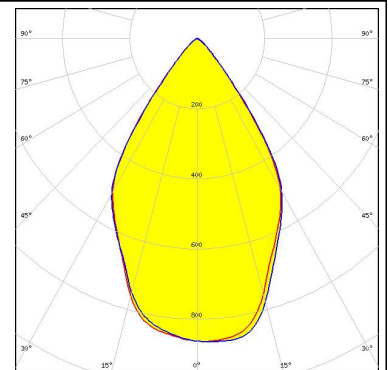
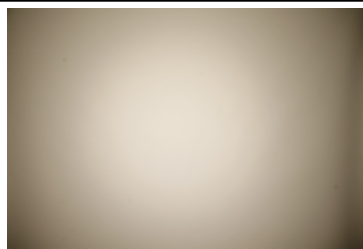
CREE

LED CXA/B 25xx
 FWHM 63.0°
 Efficiency 88 %
 Peak intensity 0.980 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 A.A.G. STUCCHI: 8401/G2



LUMILEDS

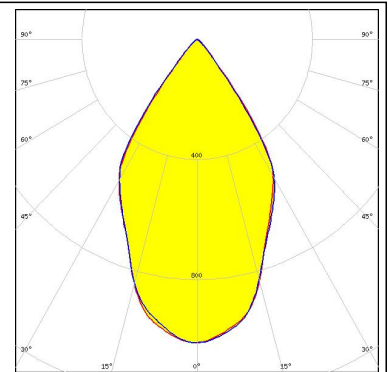
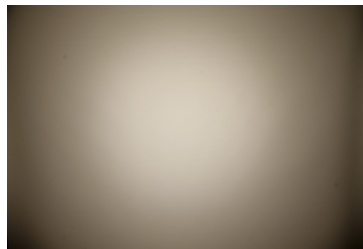
LED LUXEON CoB 1208
 FWHM 66.0°
 Efficiency 85 %
 Peak intensity 0.870 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 A.A.G. STUCCHI: 8301/G2



PHOTOMETRIC DATA (MEASURED):

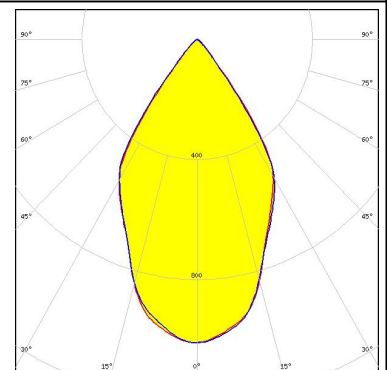
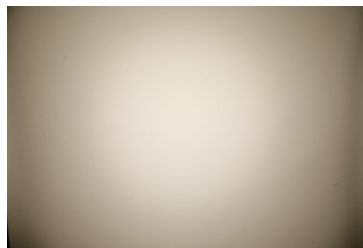
LUMILEDS

LED LUXEON CoB 1208
FWHM 63.0°
Efficiency 89 %
Peak intensity 1.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8301/G2



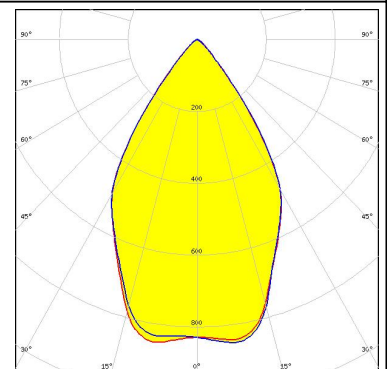
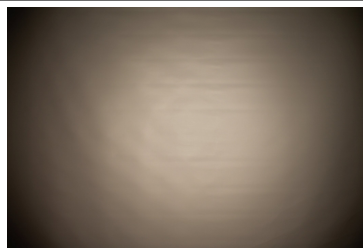
LUMILEDS

LED LUXEON CoB 1208
FWHM 63.0°
Efficiency 89 %
Peak intensity 1.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8301/G2



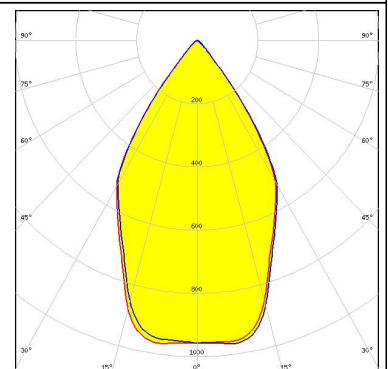
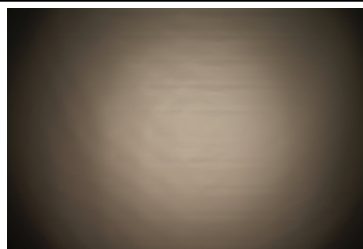
PHILIPS

LED Fortimo SLM L19 CoB
FWHM 65.0°
Efficiency 84 %
Peak intensity 0.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2030



PHILIPS

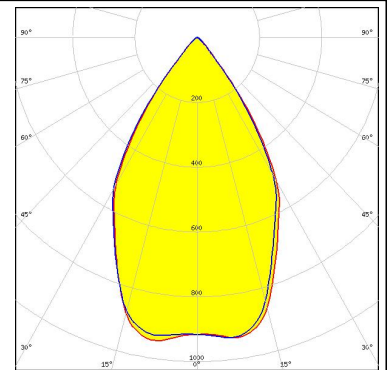
LED Fortimo SLM L19 CoB
FWHM 63.0°
Efficiency 89 %
Peak intensity 1.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2030



PHOTOMETRIC DATA (MEASURED):

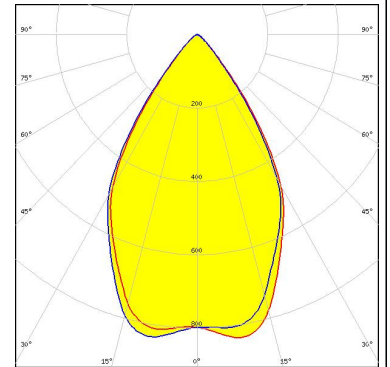
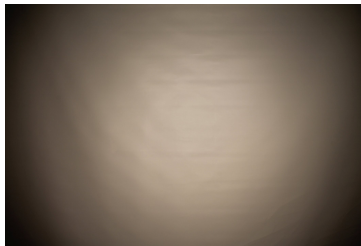
PHILIPS

LED Fortimo SLM L23 CoB
 FWHM 62.0°
 Efficiency 88 %
 Peak intensity 0.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2030



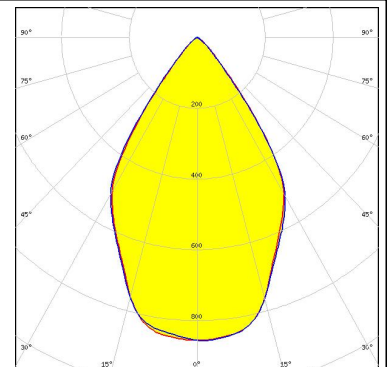
PHILIPS

LED Fortimo SLM L23 CoB
 FWHM 64.0°
 Efficiency 84 %
 Peak intensity 0.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 BJB: 47.319.2030



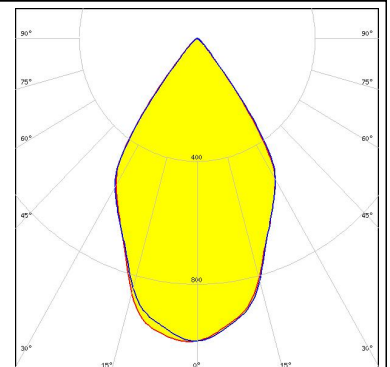
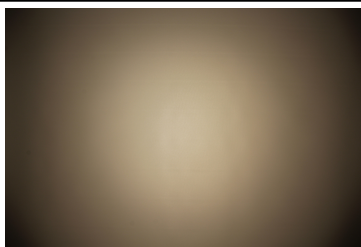
SAMSUNG

LED COB D Series LES 14.5 mm
 FWHM 66.0°
 Efficiency 86 %
 Peak intensity 0.860 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 A.A.G. STUCCHI: 8101/G2



SAMSUNG

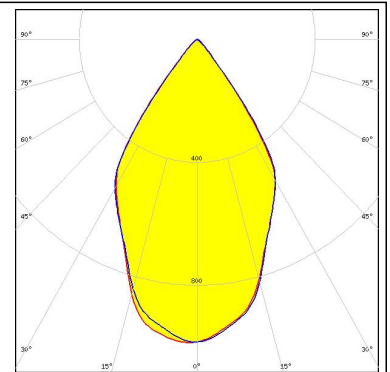
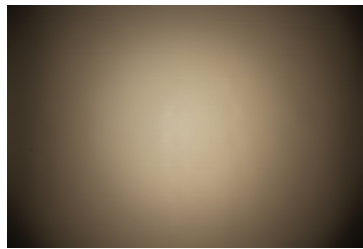
LED COB D Series LES 14.5 mm
 FWHM 65.0°
 Efficiency 90 %
 Peak intensity 0.990 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2021



PHOTOMETRIC DATA (MEASURED):

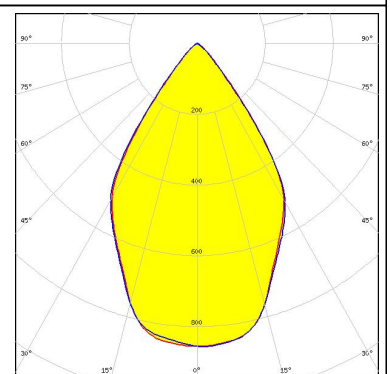
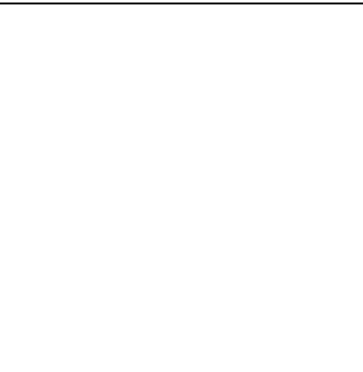
SAMSUNG

LED COB D Series LES 14.5 mm
FWHM 65.0°
Efficiency 90 %
Peak intensity 0.990 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8101/G2



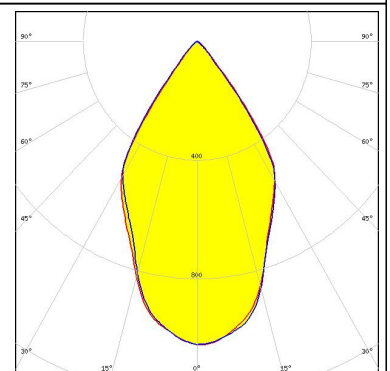
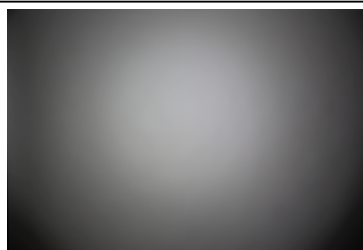
SAMSUNG

LED COB D Series LES 14.5 mm
FWHM 66.0°
Efficiency 86 %
Peak intensity 0.860 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2021



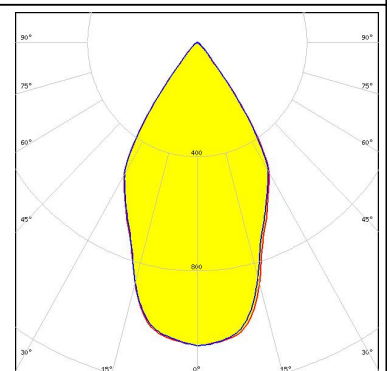
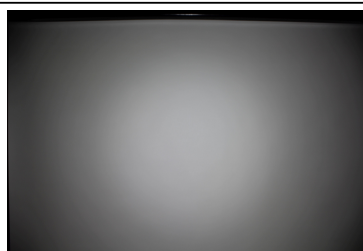
TRIDONIC

LED SLE G7 LES15
FWHM 63.0°
Efficiency 90 %
Peak intensity 1.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2021



TRIDONIC

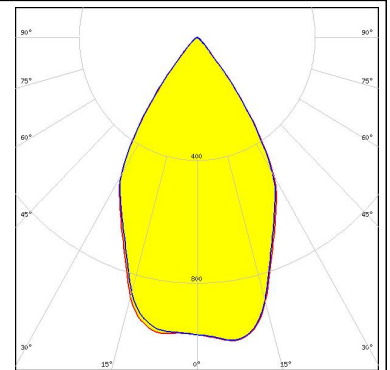
LED SLE G7 LES17 H
FWHM 59.0°
Efficiency 88 %
Peak intensity 1.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

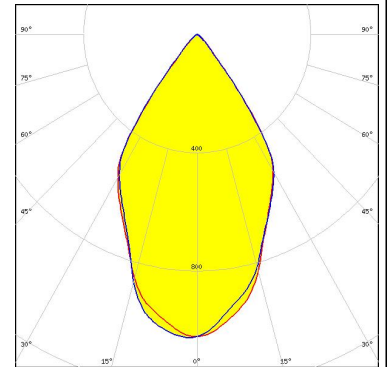
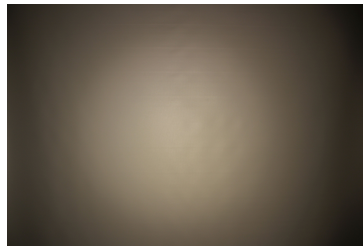
TRIDONIC

LED SLE G7 LES21 H
FWHM 61.0°
Efficiency 88 %
Peak intensity 1.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



XICATO

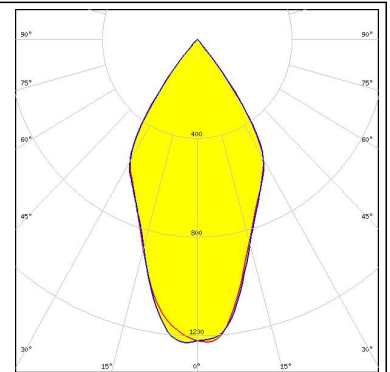
LED XOB 14.5 mm
FWHM 64.0°
Efficiency 91 %
Peak intensity 1.027 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2021



PHOTOMETRIC DATA (SIMULATED):

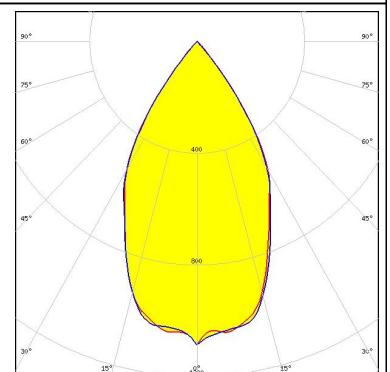
CITIZEN

LED CLL03x/CLU03x
FWHM 54.0°
Efficiency 89 %
Peak intensity 1.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2021



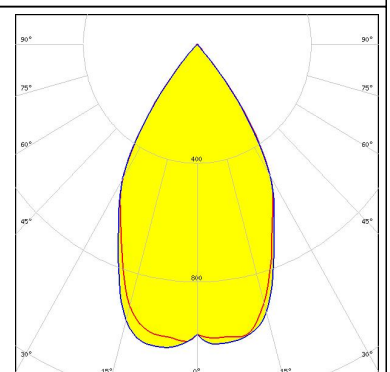
CITIZEN

LED CLL04x/CLU04x
FWHM 58.0°
Efficiency 88 %
Peak intensity 1.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2030



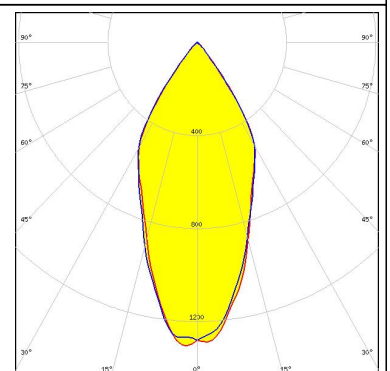
SAMSUNG

LED COB D Series LES 22 mm
FWHM 60.0°
Efficiency 87 %
Peak intensity 1.030 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2030



TRIDONIC

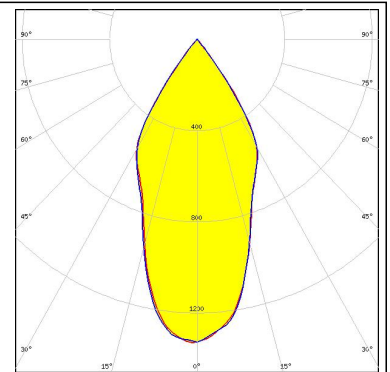
LED SLE G6 LES15 H D50
FWHM 45.0°
Efficiency 88 %
Peak intensity 1.320 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

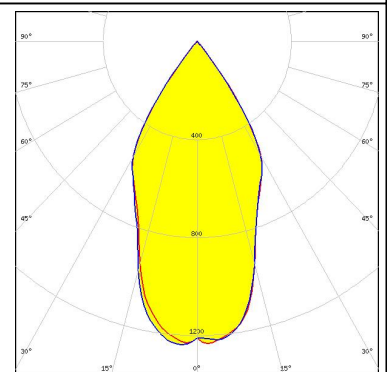
TRIDONIC

LED SLE G6 LES17 H
FWHM 47.0°
Efficiency 88 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



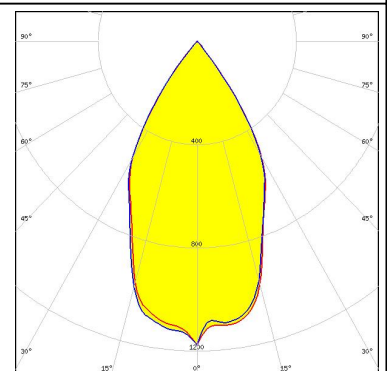
TRIDONIC

LED SLE G6 LES19 H
FWHM 51.0°
Efficiency 88 %
Peak intensity 1.260 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED SLE G6 LES23 H
FWHM 55.0°
Efficiency 87 %
Peak intensity 1.180 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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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