

ANGELINA-XW-B

White version with ~91° wide beam compatible with BJB connectors

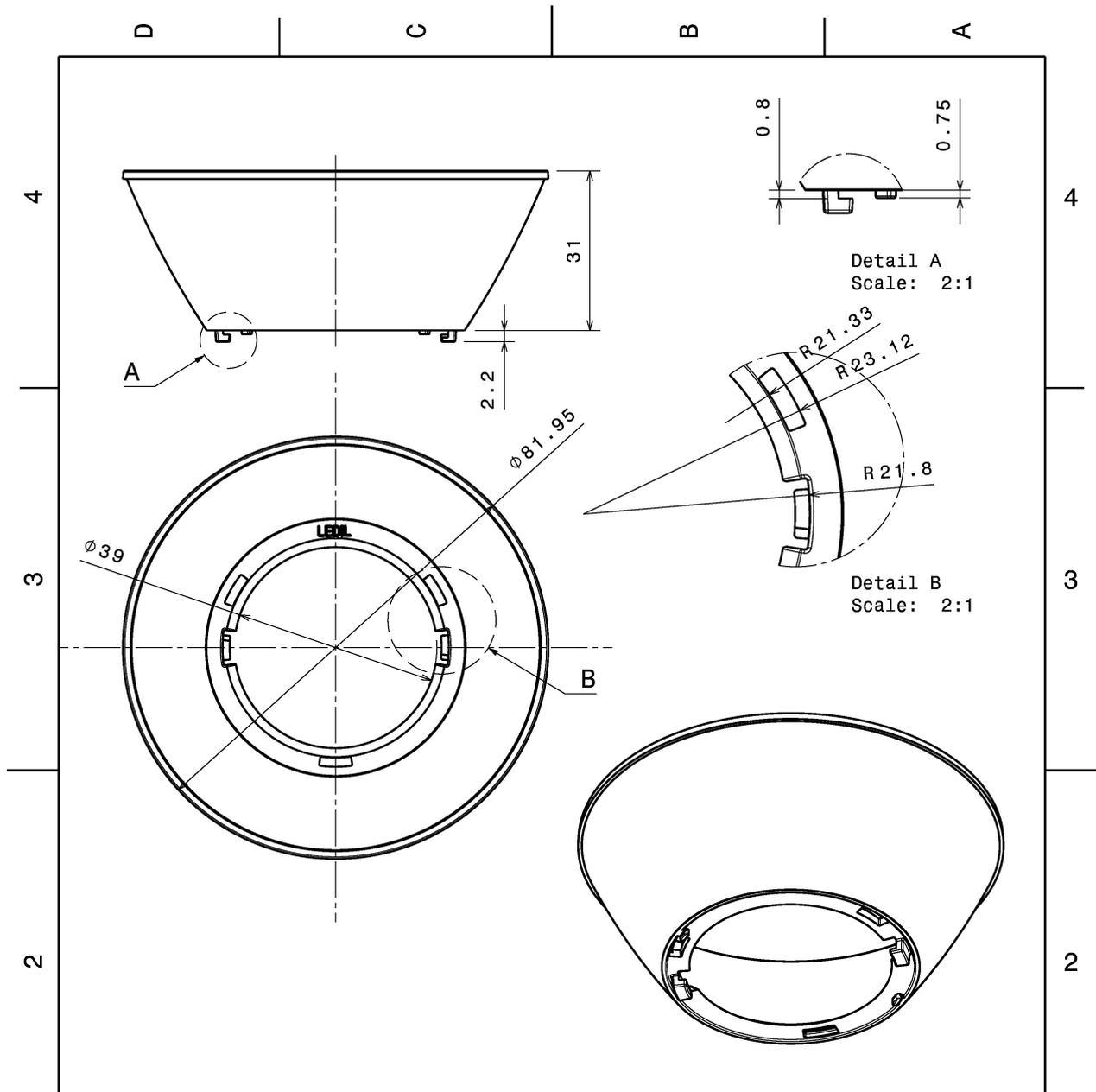
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 82.0 mm
Height	31 mm
Fastening	socket
Colour	white
Box size	480 x 280 x 300 mm
Box weight	11.1 kg
Quantity in Box	2035 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Coating
ANGELINA-XW-B	Reflector	HRPC	white	



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1		ANGELINA-B	Reflective PC	White

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

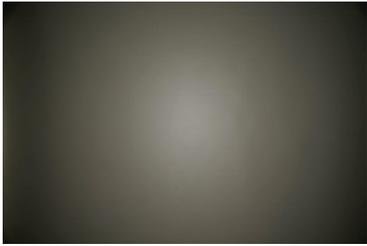
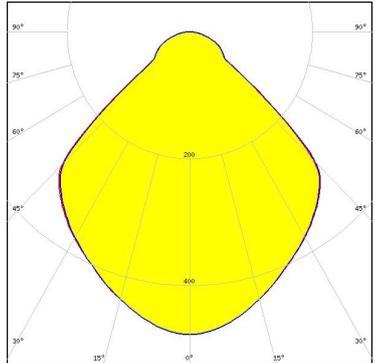
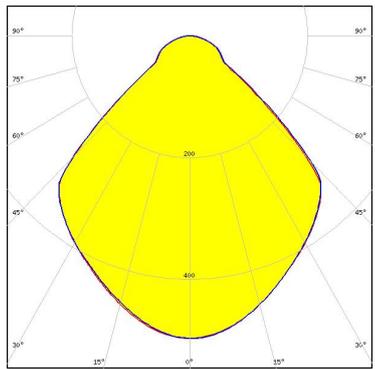
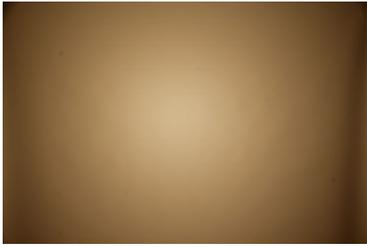
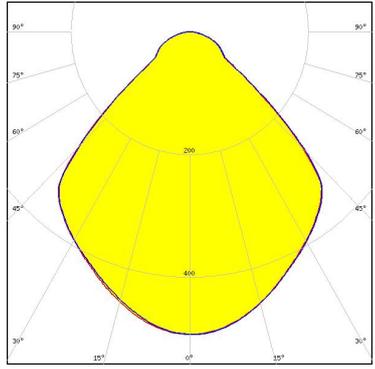
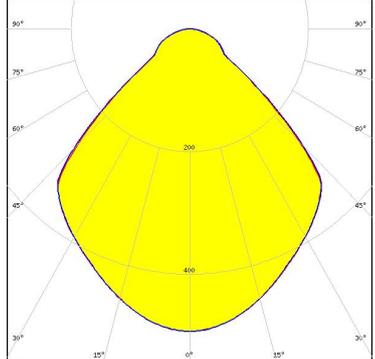
DRAWING TITLE
ANGELINA-B series Reflector

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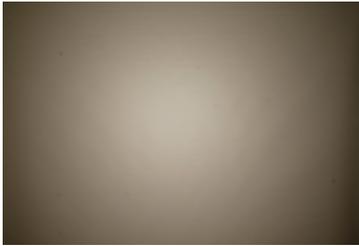
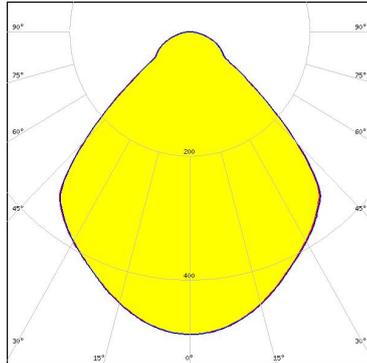
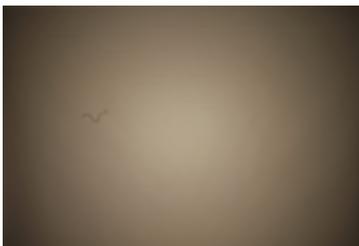
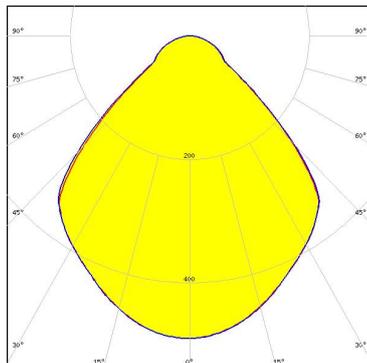
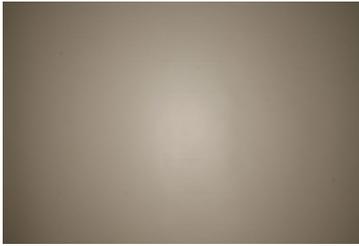
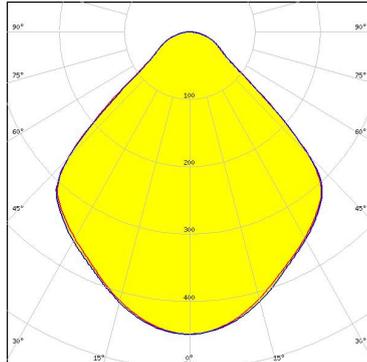
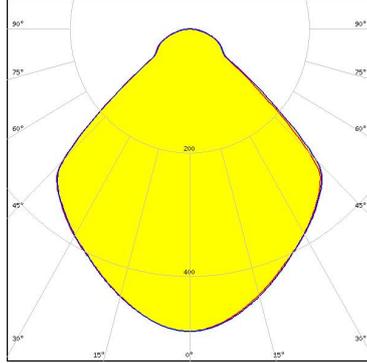
SIZE	PART NUMBER
A4	-

SCALE	1:1	WEIGHT	-	SHEET	1/1
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PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED BXRA ES Rectangle</p> <p>FWHM 94.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.478 cd/lm</p> <p>Required components: BJB: 47.319.2040</p>		
<p>bridgelux.</p> <p>LED V15 Gen6</p> <p>FWHM 92.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.500 cd/lm</p> <p>Required components: BJB: 47.319.2224</p>		
<p>bridgelux.</p> <p>LED V18 Gen6</p> <p>FWHM 92.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.490 cd/lm</p> <p>Required components: BJB: 47.319.2274</p>		
<p>bridgelux.</p> <p>LED V18 Gen7</p> <p>FWHM 92.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.490 cd/lm</p> <p>Required components: BJB: 47.319.2350</p>		

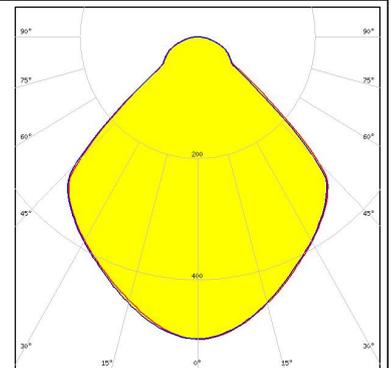
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V22 Gen6 FWHM 91.0° Efficiency 94 % Peak intensity 0.490 cd/lm Required components: A.A.G. STUCCHI: 8102/G2</p>		
<p>bridgelux.</p> <p>LED V22 Gen7 FWHM 91.0° Efficiency 94 % Peak intensity 0.490 cd/lm Required components: BJB: 47.319.2030</p>		
<p>CITIZEN</p> <p>LED CLL03x/CLU03x FWHM 93.0° Efficiency 89 % Peak intensity 0.450 cd/lm Required components: F13671_ANGE-RZ-LENS A.A.G. STUCCHI: 8101/G2</p>		
<p>CITIZEN</p> <p>LED CLL03x/CLU03x FWHM 93.0° Efficiency 94 % Peak intensity 0.490 cd/lm Required components: A.A.G. STUCCHI: 8101/G2</p>		

PHOTOMETRIC DATA (MEASURED):

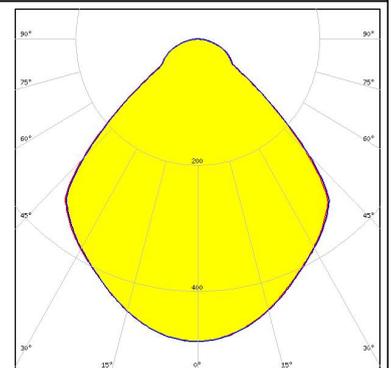
CITIZEN

LED CLL03x/CLU03x
FWHM 93.0°
Efficiency 94 %
Peak intensity 0.500 cd/lm
Required components:
BJB: 47.319.2021



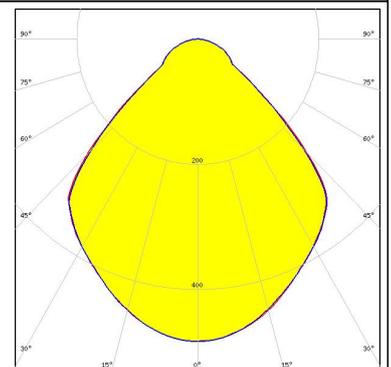
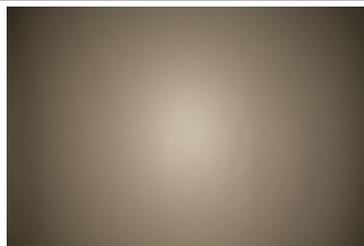
CITIZEN

LED CLL04x/CLU04x
FWHM 92.0°
Efficiency 94 %
Peak intensity 0.480 cd/lm
Required components:
A.A.G. STUCCHI: 8102/G2



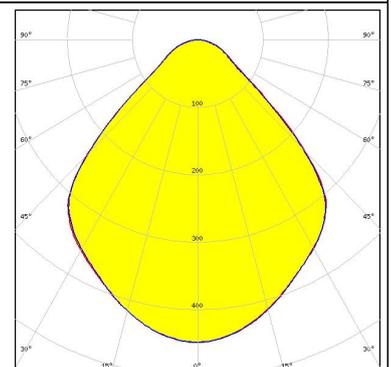
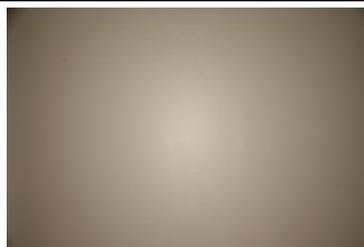
CITIZEN

LED CLL04x/CLU04x
FWHM 91.0°
Efficiency 94 %
Peak intensity 0.500 cd/lm
Required components:
BJB: 47.319.2030



CITIZEN

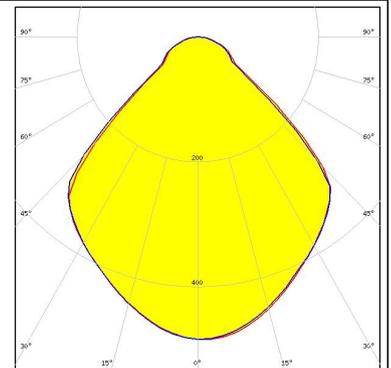
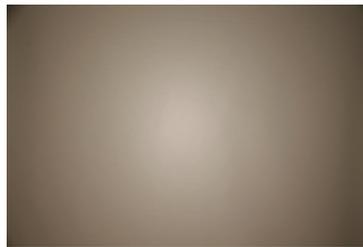
LED CLL04x/CLU04x
FWHM 91.0°
Efficiency 88 %
Peak intensity 0.450 cd/lm
Required components:
F13671_ANGE-RZ-LENS
A.A.G. STUCCHI: 8102/G2



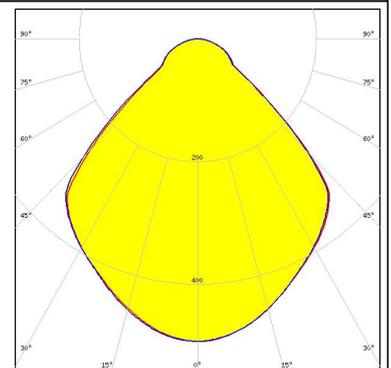
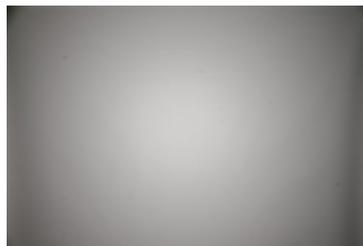
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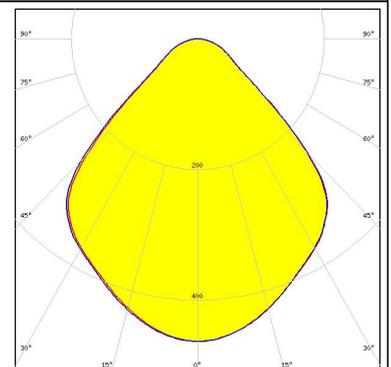
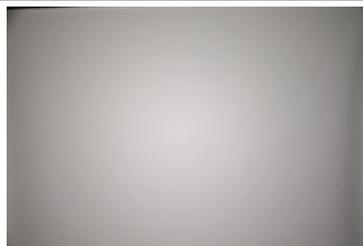
LED CXA/B 25xx
FWHM 93.0°
Efficiency 94 %
Peak intensity 0.490 cd/lm
Required components:
A.A.G. STUCCHI: 8401/G2



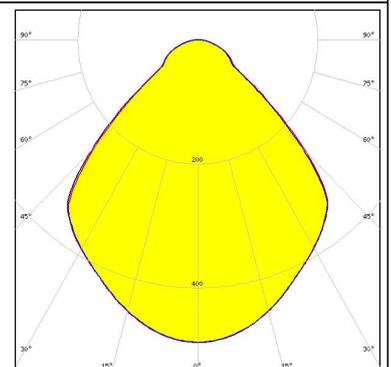
LED CXA/B 25xx
FWHM 92.0°
Efficiency 94 %
Peak intensity 0.490 cd/lm
Required components:
BJB: 47.319.2141



LED CXA/B 25xx
FWHM 92.0°
Efficiency 92 %
Peak intensity 0.460 cd/lm
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2141



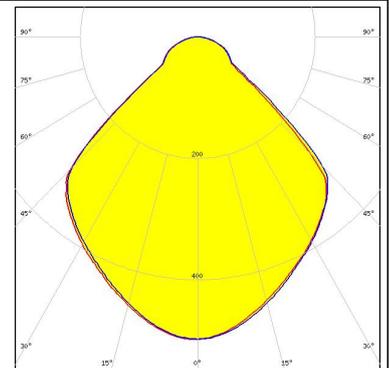
LED CXA/B 30xx
FWHM 90.0°
Efficiency 94 %
Peak intensity 0.490 cd/lm
Required components:
A.A.G. STUCCHI: 8404/G2



PHOTOMETRIC DATA (MEASURED):

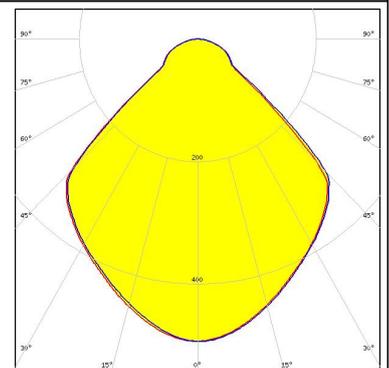
LG Innotek

LED COB 10W/13W/17W/24W
 FWHM 93.0°
 Efficiency 94 %
 Peak intensity 0.500 cd/lm
 Required components:
 BJB: 47.319.2080



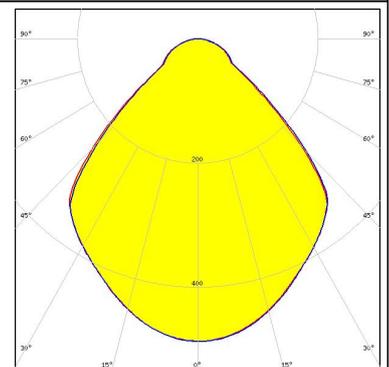
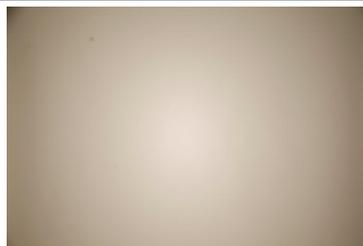
LG Innotek

LED COB 10W/13W/17W/24W
 FWHM 93.0°
 Efficiency 94 %
 Peak intensity 0.490 cd/lm
 Required components:
 A.A.G. STUCCHI: 8600/G2



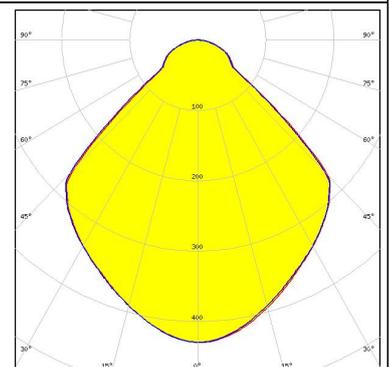
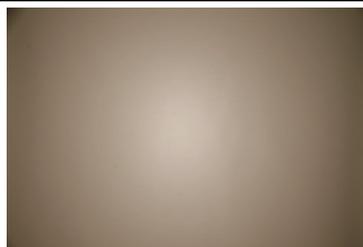
LG Innotek

LED COB 40W/60W
 FWHM 90.0°
 Efficiency 94 %
 Peak intensity 0.490 cd/lm
 Required components:
 A.A.G. STUCCHI: 8102/G2



LUMILEDS

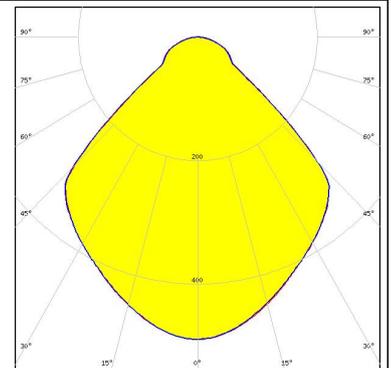
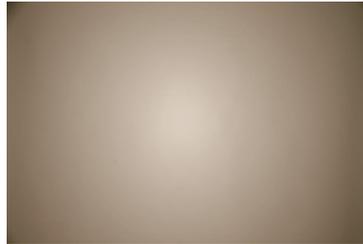
LED LUXEON CoB 1204/1205
 FWHM 94.0°
 Efficiency 94 %
 Peak intensity 0.490 cd/lm
 Required components:
 A.A.G. STUCCHI: 8301/G2



PHOTOMETRIC DATA (MEASURED):

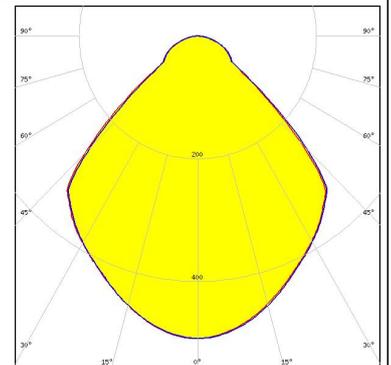
LUMILEDS

LED LUXEON CoB 1208
FWHM 93.0°
Efficiency 94 %
Peak intensity 0.490 cd/lm
Required components:
A.A.G. STUCCHI: 8301/G2



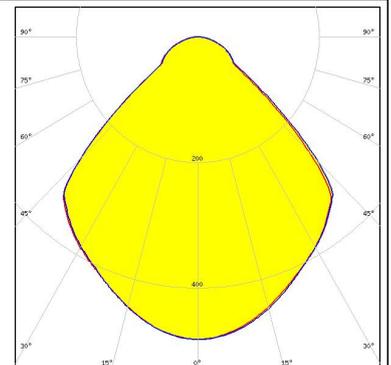
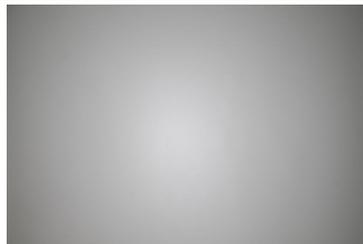
LUMILEDS

LED LUXEON CoB 1211
FWHM 91.0°
Efficiency 94 %
Peak intensity 0.490 cd/lm
Required components:
A.A.G. STUCCHI: 8102/G2



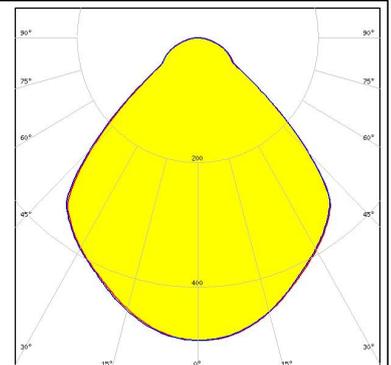
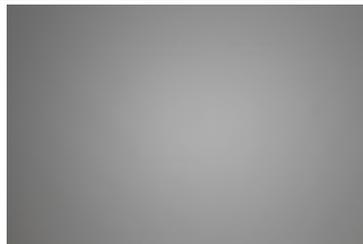
LUMILEDS

LED LUXEON CoB 1211
FWHM 92.0°
Efficiency 94 %
Peak intensity 0.480 cd/lm
Required components:
BJB: 47.319.2030



LUMILEDS

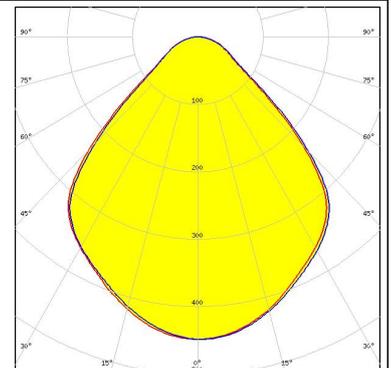
LED LUXEON CoB 1216/1812
FWHM 91.0°
Efficiency 96 %
Peak intensity 0.490 cd/lm
Required components:
BJB: 47.319.2030



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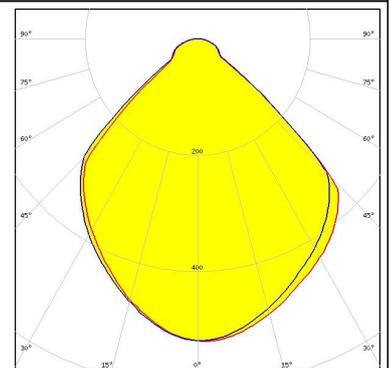
LUMILEDS

LED LUXEON CoB 1216/1812
FWHM 91.0°
Efficiency 89 %
Peak intensity 0.490 cd/lm
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2030



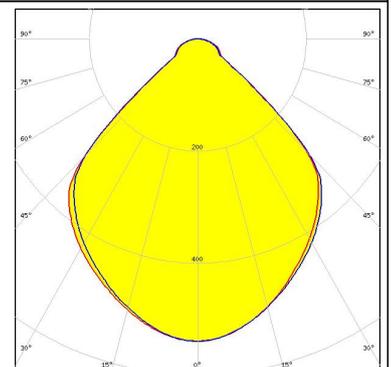
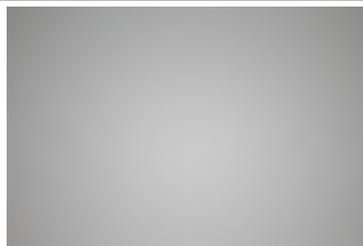
LUMILEDS

LED LUXEON K12
FWHM 91.0°
Efficiency 94 %
Peak intensity 0.533 cd/lm
Required components:
BJB: 47.319.2070



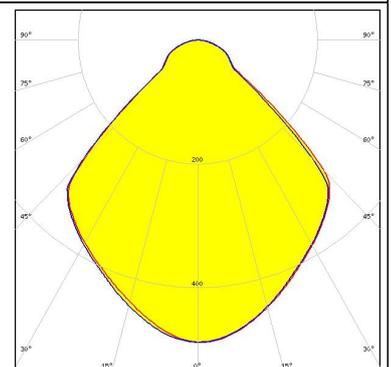
LUMILEDS

LED LUXEON K16
FWHM 91.0°
Efficiency 94 %
Peak intensity 0.540 cd/lm
Required components:
BJB: 47.319.2070

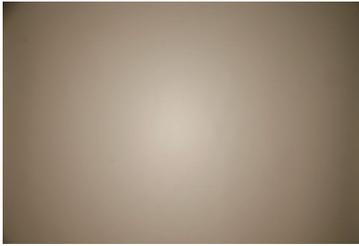
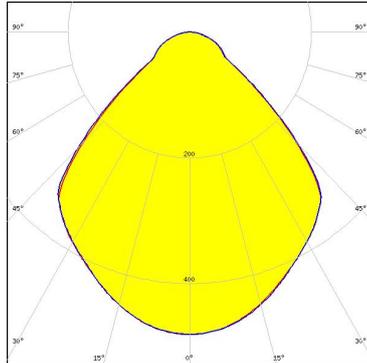
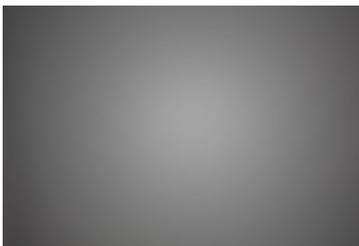
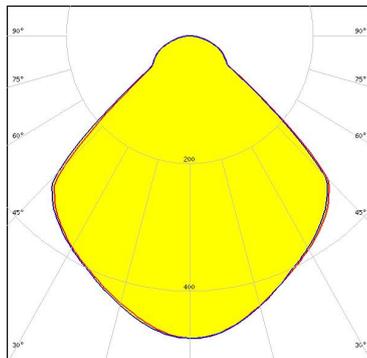
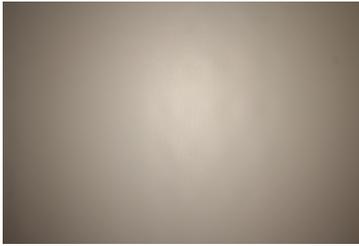
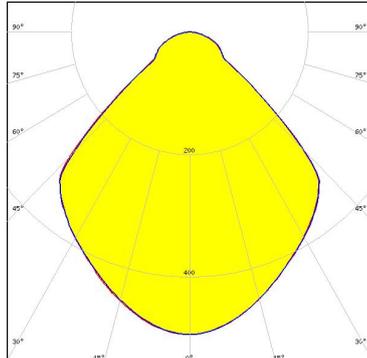
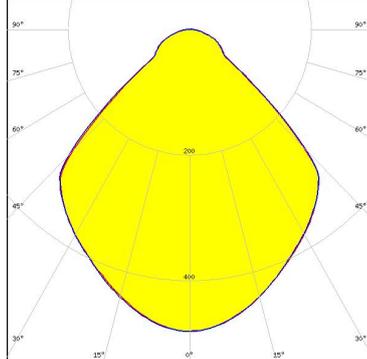


LUMINUS

LED CXM-14
FWHM 92.0°
Efficiency 94 %
Peak intensity 0.500 cd/lm
Required components:
BJB: 47.319.2021



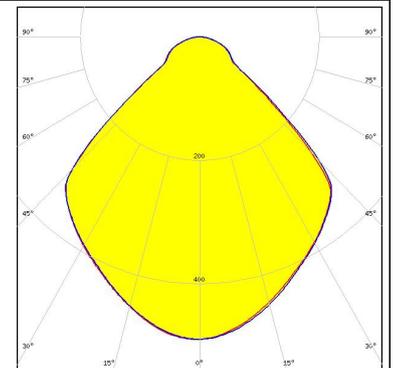
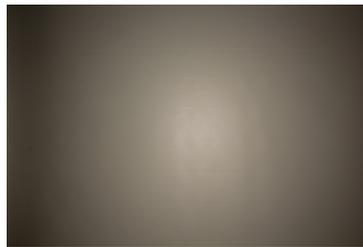
PHOTOMETRIC DATA (MEASURED):

<p>LUMINUS</p> <p>LED CXM-22 FWHM 91.0° Efficiency 94 % Peak intensity 0.500 cd/lm Required components: BJB: 47.319.2030</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Soleriq S13 Gen2 FWHM 94.0° Efficiency 94 % Peak intensity 0.470 cd/lm Required components: BJB: 47.319.2021</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Soleriq S19 FWHM 92.0° Efficiency 94 % Peak intensity 0.490 cd/lm Required components: A.A.G. STUCCHI: 8503/G2</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Soleriq S19 FWHM 93.0° Efficiency 94 % Peak intensity 0.480 cd/lm Required components: BJB: 47.319.2170</p>		

PHOTOMETRIC DATA (MEASURED):

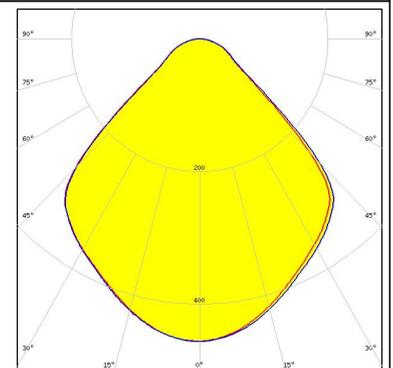
SAMSUNG

LED COB D Series LES 14.5 mm
FWHM 93.0°
Efficiency 94 %
Peak intensity 0.490 cd/lm
Required components:
BJB: 47.319.2021



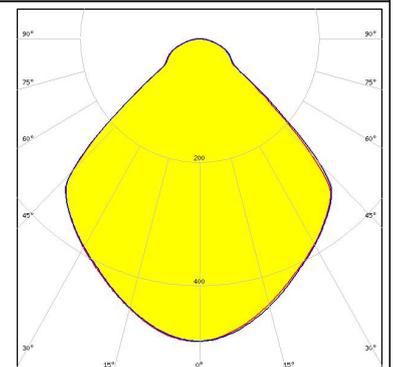
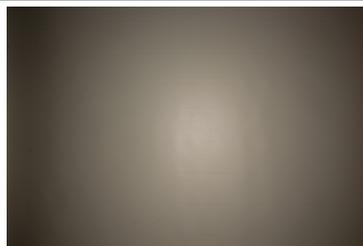
SAMSUNG

LED COB D Series LES 14.5 mm
FWHM 93.0°
Efficiency 91 %
Peak intensity 0.460 cd/lm
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2021



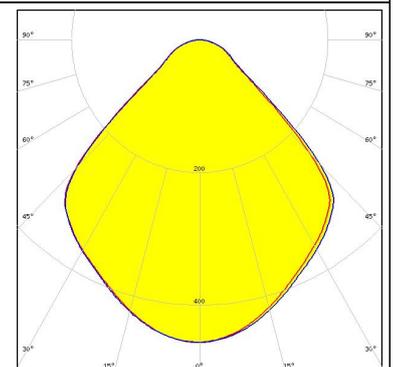
SAMSUNG

LED COB D Series LES 14.5 mm
FWHM 93.0°
Efficiency 94 %
Peak intensity 0.490 cd/lm
Required components:
A.A.G. STUCCHI: 8101/G2

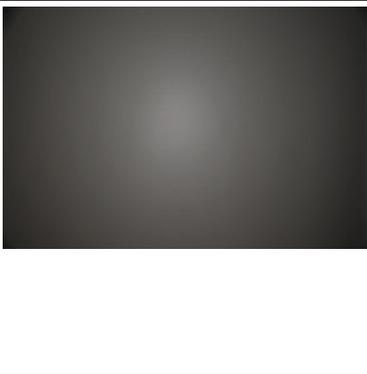
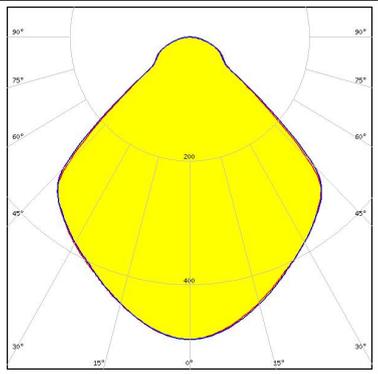
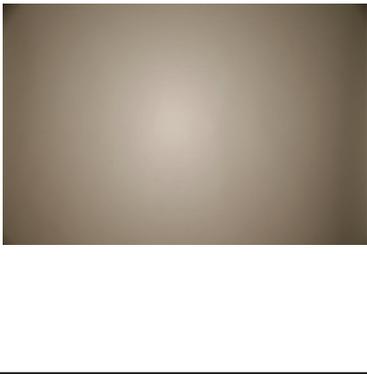
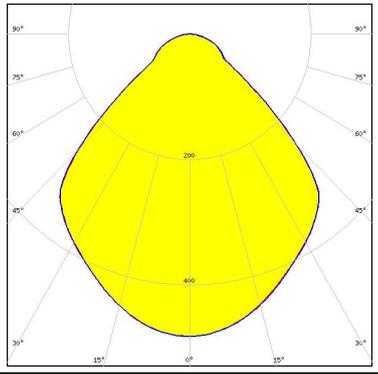
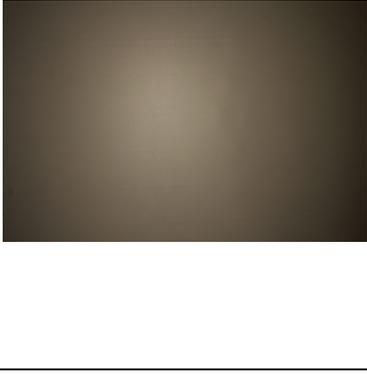
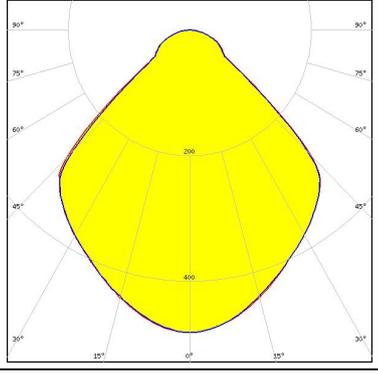
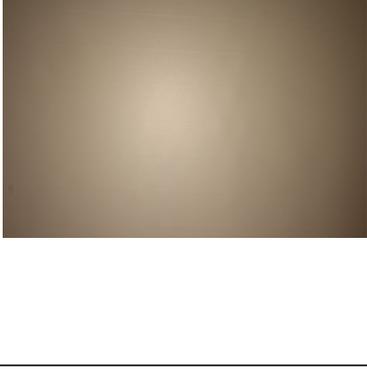
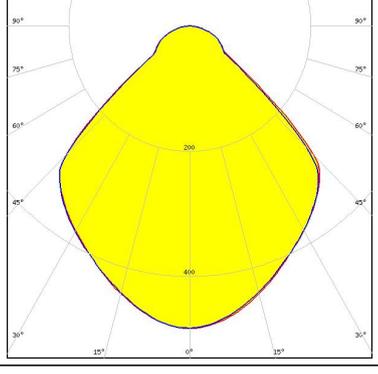


SAMSUNG

LED COB D Series LES 14.5 mm
FWHM 93.0°
Efficiency 91 %
Peak intensity 0.460 cd/lm
Required components:
F13671_ANGE-RZ-LENS
A.A.G. STUCCHI: 8101/G2



PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED ZC12/18 FWHM 93.0° Efficiency 94 % Peak intensity 0.490 cd/lm Required components: A.A.G. STUCCHI: 8101/G2</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED ZC25/40/60 FWHM 91.0° Efficiency 94 % Peak intensity 0.480 cd/lm Required components: A.A.G. STUCCHI: 8102/G2</p>		
<p>SHARP</p> <p>LED Mega Zenigata (GW5DGC) FWHM 93.0° Efficiency 94 % Peak intensity 0.480 cd/lm Required components: BJB: 47.319.2011</p>		
<p>SHARP</p> <p>LED Mega Zenigata (GW6DME) FWHM 93.0° Efficiency 94 % Peak intensity 0.480 cd/lm Required components: BJB: 47.319.2011</p>		

PHOTOMETRIC DATA (MEASURED):

SHARP

LED Mega Zenigata (GW6DME)

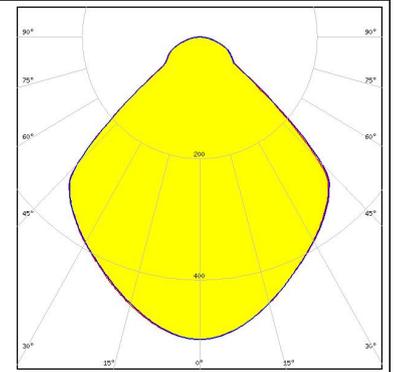
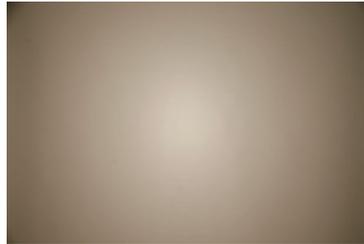
FWHM 93.0°

Efficiency 94 %

Peak intensity 0.500 cd/lm

Required components:

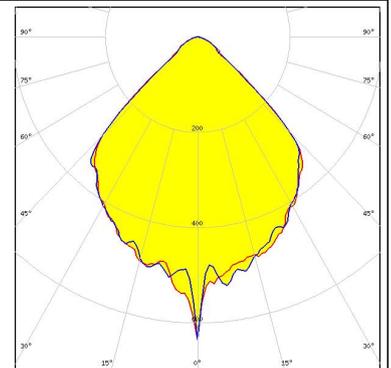
A.A.G. STUCCHI: 8301/G2



PHOTOMETRIC DATA (SIMULATED):

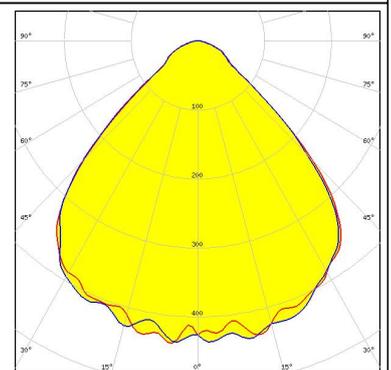
CITIZEN

LED CLU730/731
FWHM 86.0°
Efficiency 93 %
Peak intensity 0.635 cd/lm
Required components:
BJB: 47.319.2030



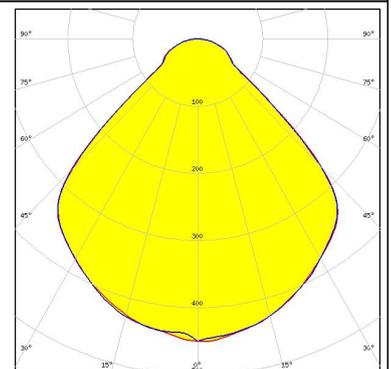
SAMSUNG

LED COB D Series LES 22 mm
FWHM 91.0°
Efficiency 88 %
Peak intensity 0.460 cd/lm
Required components:
BJB: 47.319.2030



TRIDONIC

LED SLE G6 LES15
FWHM 94.0°
Efficiency 93 %
Peak intensity 0.450 cd/lm
Required components:
BJB: 47.319.2021



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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