

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
ROHS compliant	yes ⓘ

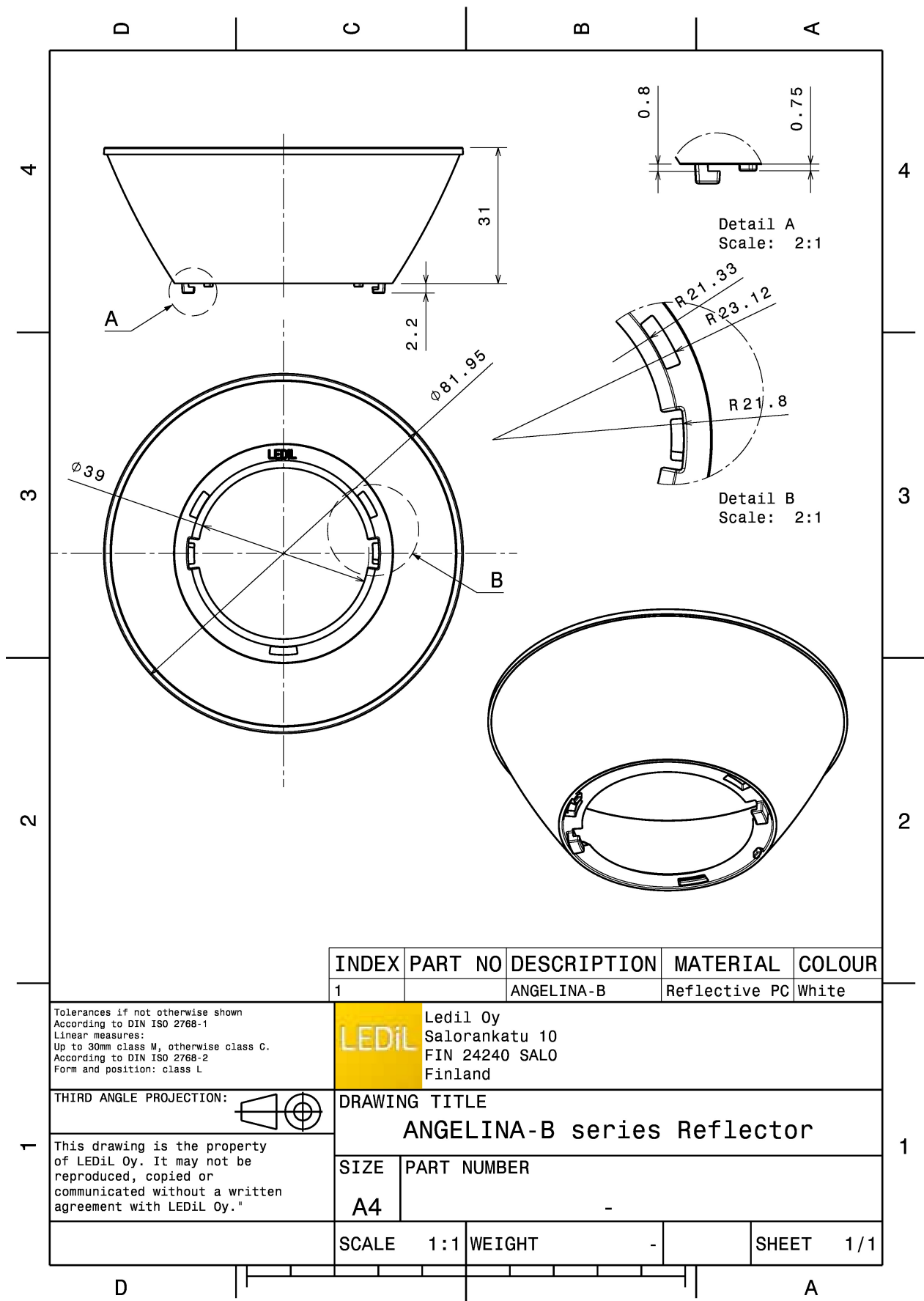
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F13839_ANGELINA-XW-B » Box size: 480 x 280 x 300 mm	2035	110	55	11.1



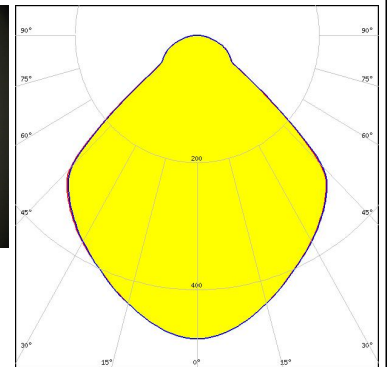
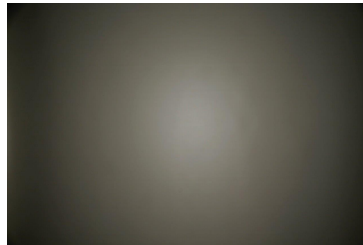


See also our general installation guide: www.ledil.com/installation_guide

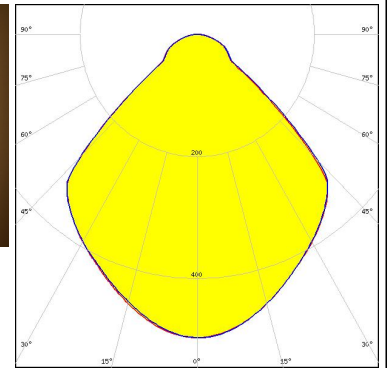
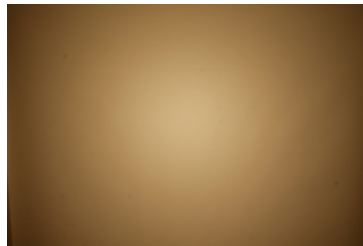
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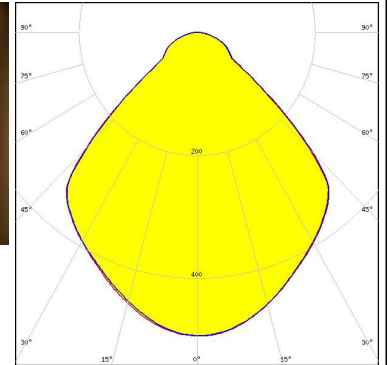
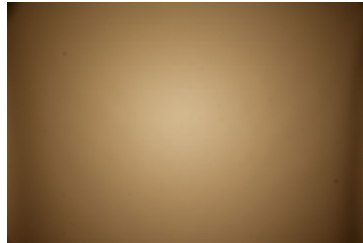
LED BXRA ES Rectangle
FWHM / FWTM 94.0° / 135.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2040



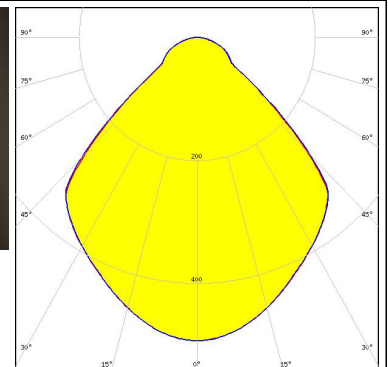
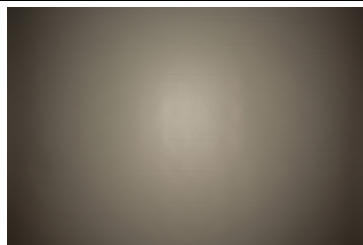
LED V15 Gen6
FWHM / FWTM 92.0° / 133.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2224



LED V18 Gen6
FWHM / FWTM 92.0° / 134.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2274



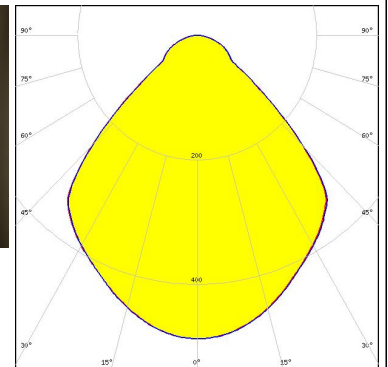
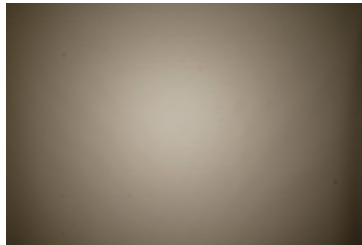
LED V18 Gen7
FWHM / FWTM 92.0° / 134.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2350



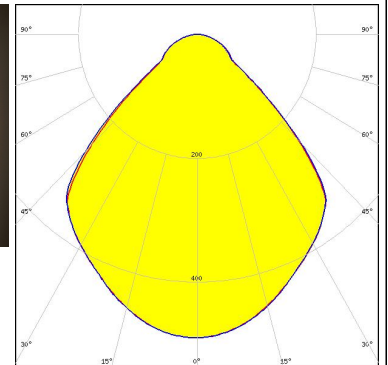
PHOTOMETRIC DATA (MEASURED):



LED V22 Gen6
FWHM / FWTM 91.0° / 133.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8102/G2

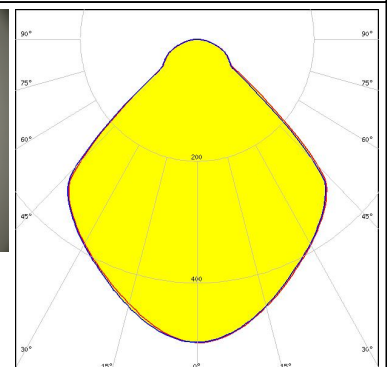


LED V22 Gen7
FWHM / FWTM 91.0° / 133.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2030



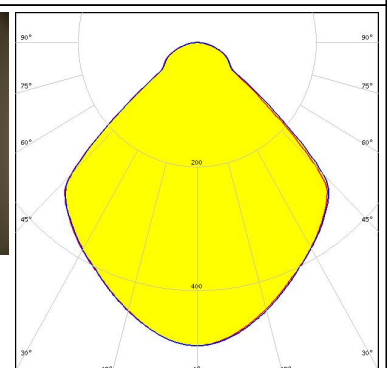
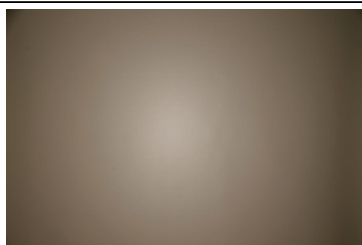
CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM 93.0° / 133.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2021



CITIZEN

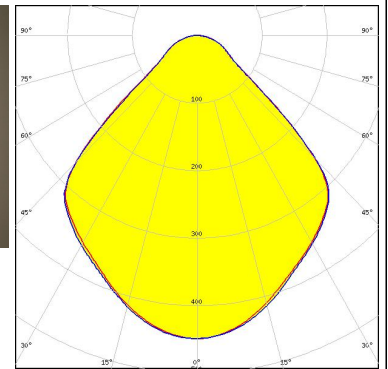
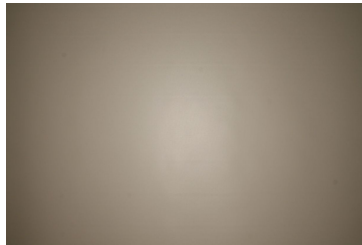
LED CLL03x/CLU03x
FWHM / FWTM 93.0° / 135.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8101/G2



PHOTOMETRIC DATA (MEASURED):

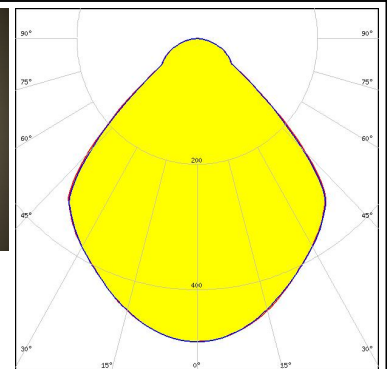
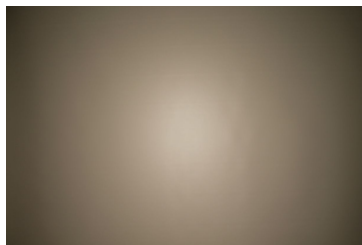
CITIZEN

LED CLL03x/CLU03x
FWHM / FWTM 93.0° / 132.0°
Efficiency 89 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
A.A.G. STUCCHI: 8101/G2



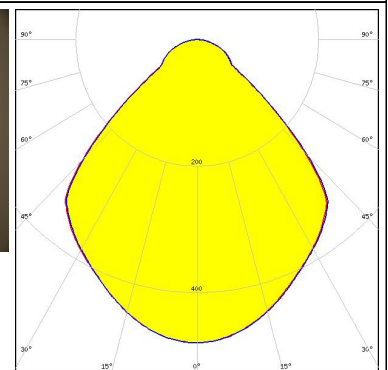
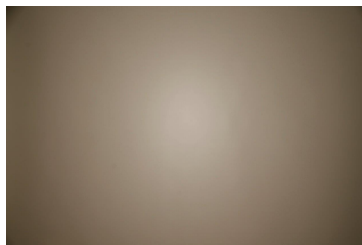
CITIZEN

LED CLL04x/CLU04x
FWHM / FWTM 91.0° / 134.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2030



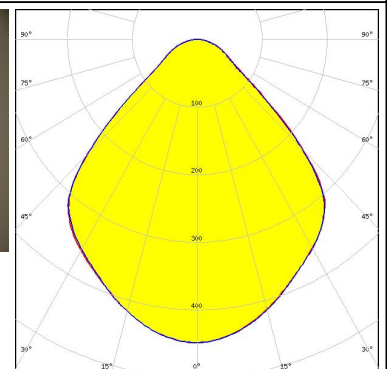
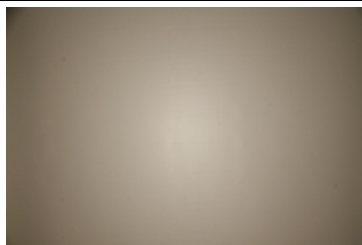
CITIZEN

LED CLL04x/CLU04x
FWHM / FWTM 92.0° / 135.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8102/G2



CITIZEN

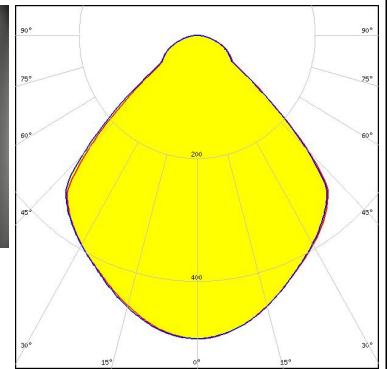
LED CLL04x/CLU04x
FWHM / FWTM 91.0° / 132.0°
Efficiency 88 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
A.A.G. STUCCHI: 8102/G2



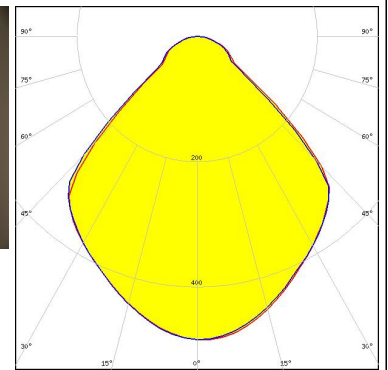
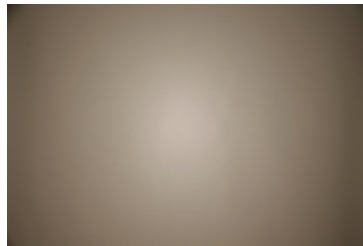
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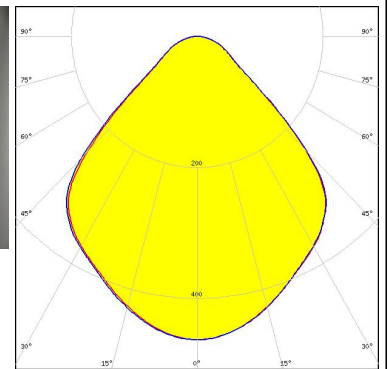
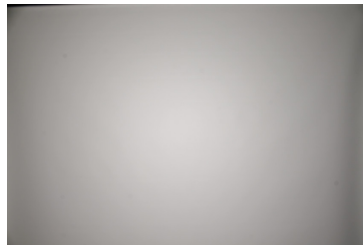
LED CXA/B 25xx
FWHM / FWTM 92.0° / 134.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2141



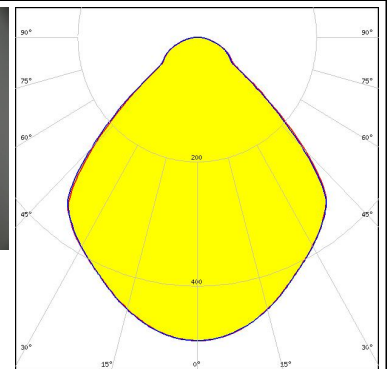
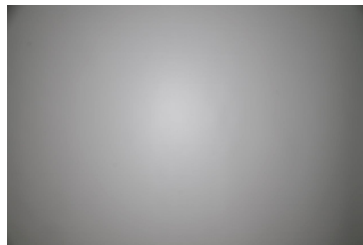
LED CXA/B 25xx
FWHM / FWTM 93.0° / 135.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8401/G2



LED CXA/B 25xx
FWHM / FWTM 92.0° / 133.0°
Efficiency 92 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2141



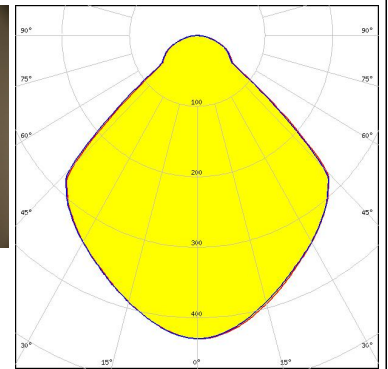
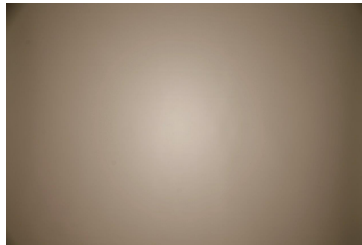
LED CXA/B 30xx
FWHM / FWTM 90.0° / 134.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
A.A.G. STUCCHI: 8404/G2



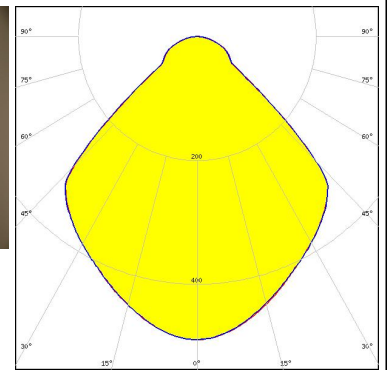
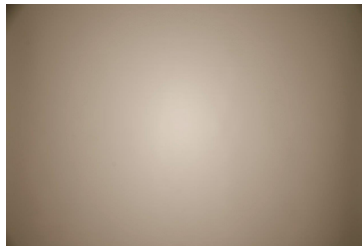
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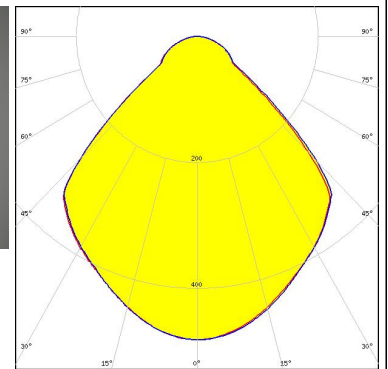
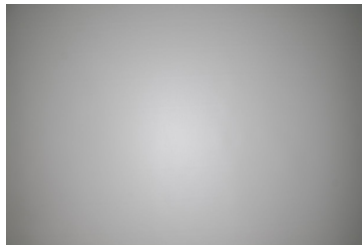
LED LUXEON CoB 1204/1205
 FWHM / FWTM 94.0° / 135.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 A.A.G. STUCCHI: 8301/G2



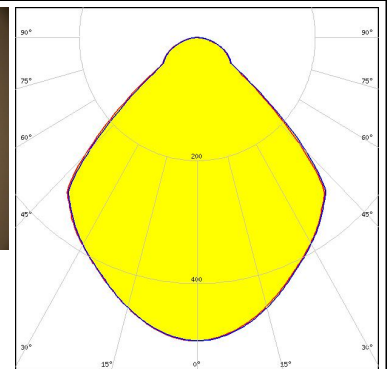
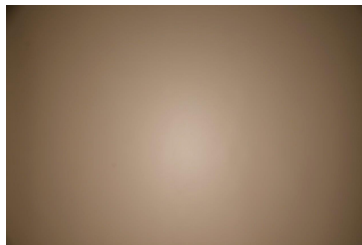
LED LUXEON CoB 1208
 FWHM / FWTM 93.0° / 135.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 A.A.G. STUCCHI: 8301/G2



LED LUXEON CoB 1211
 FWHM / FWTM 92.0° / 135.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2030



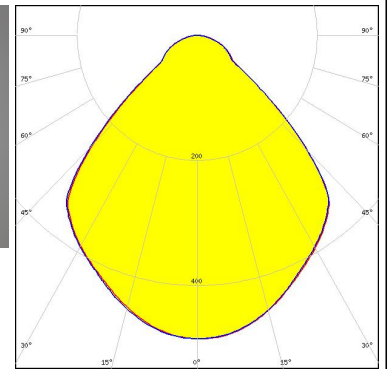
LED LUXEON CoB 1211
 FWHM / FWTM 91.0° / 133.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 A.A.G. STUCCHI: 8102/G2



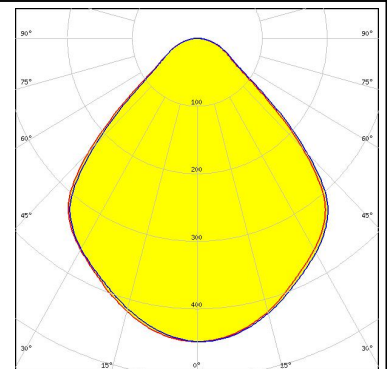
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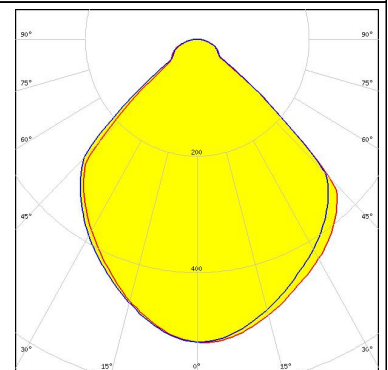
LED LUXEON CoB 1216/1812
 FWHM / FWTM 91.0° / 134.0°
 Efficiency 96 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2030



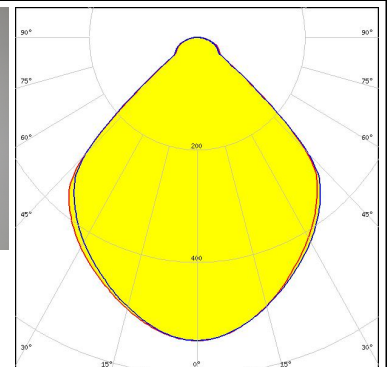
LED LUXEON CoB 1216/1812
 FWHM / FWTM 91.0° / 133.0°
 Efficiency 89 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 BJB: 47.319.2030



LED LUXEON K12
 FWHM / FWTM 91.0° / 112.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2070



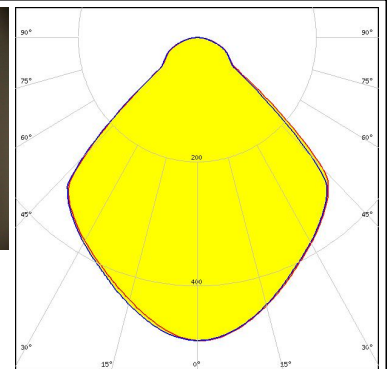
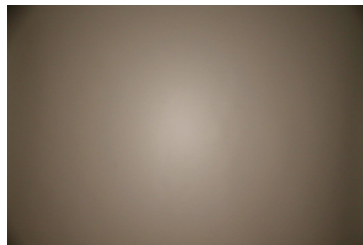
LED LUXEON K16
 FWHM / FWTM 91.0° / 108.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2070



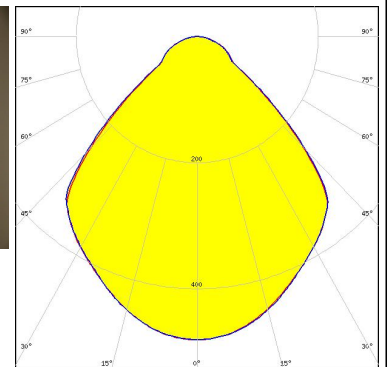
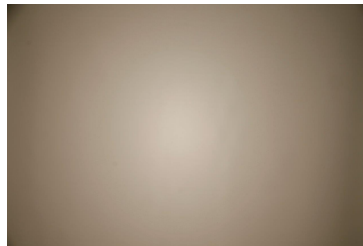
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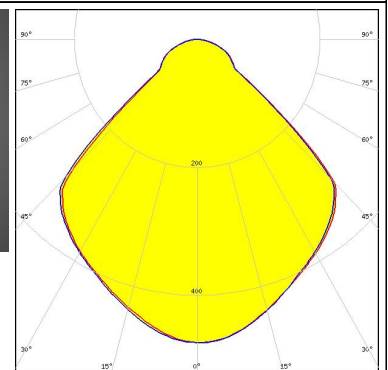
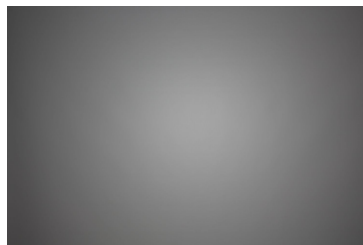
LED CxM-14 (19x19)
 FWHM / FWTM 92.0° / 134.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2021



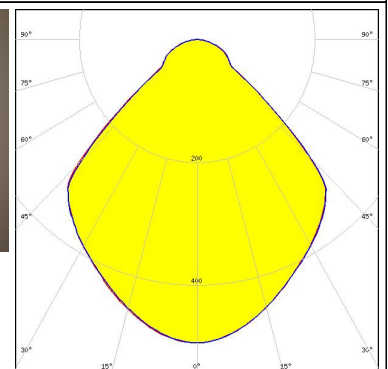
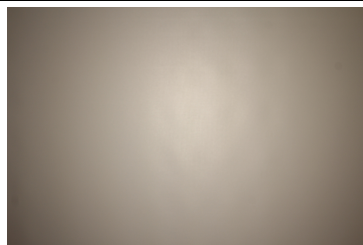
LED CxM-22 (28x28)
 FWHM / FWTM 91.0° / 135.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2030



LED Soleriq S13 19x19
 FWHM / FWTM 94.0° / 137.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2021



LED Soleriq S19
 FWHM / FWTM 92.0° / 134.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 A.A.G. STUCCHI: 8503/G2

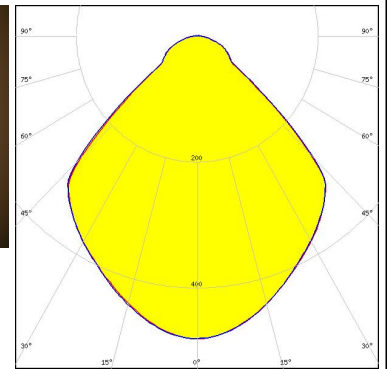
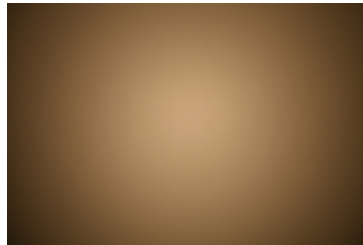


PHOTOMETRIC DATA (MEASURED):

OSRAM

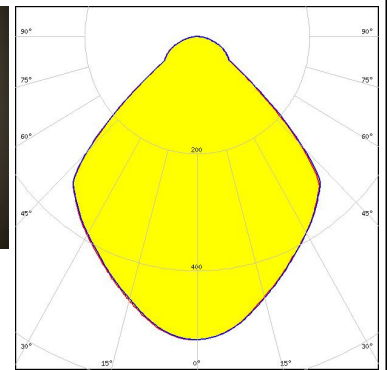
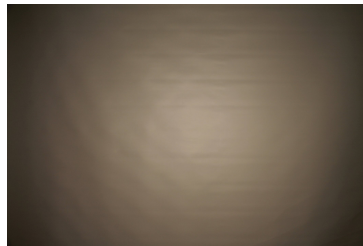
Opto Semiconductors

LED Soleriq S19
FWHM / FWTM 93.0° / 134.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2170



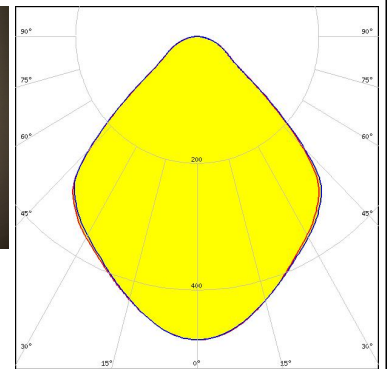
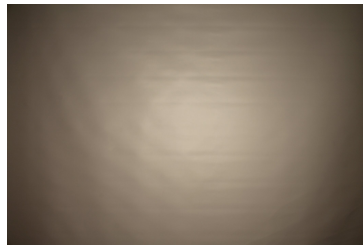
PHILIPS

LED Fortimo SLM L19 CoB
FWHM / FWTM 91.0° / 130.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2030



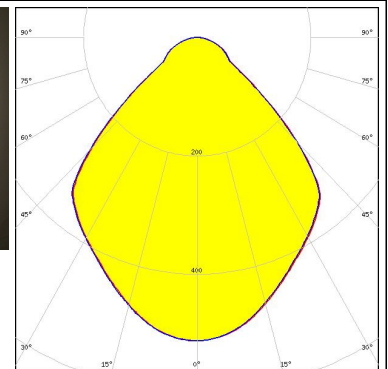
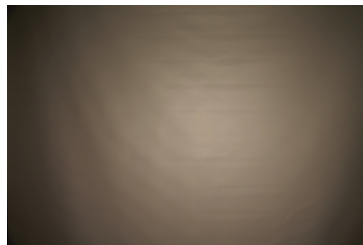
PHILIPS

LED Fortimo SLM L19 CoB
FWHM / FWTM 91.0° / 130.0°
Efficiency 91 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
F13671_ANGE-RZ-LENS
BJB: 47.319.2030



PHILIPS

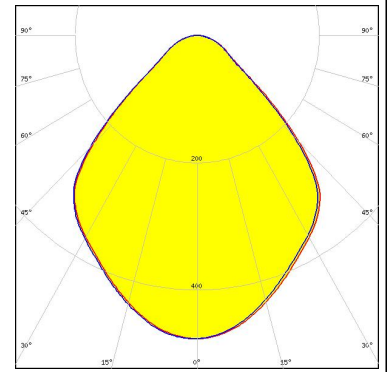
LED Fortimo SLM L23 CoB
FWHM / FWTM 90.0° / 131.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2030



PHOTOMETRIC DATA (MEASURED):

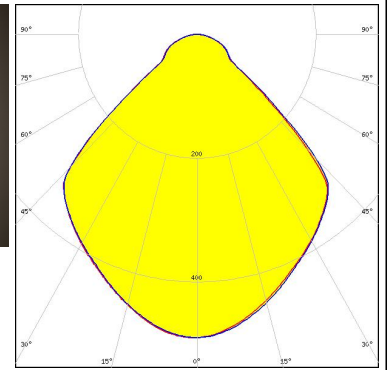
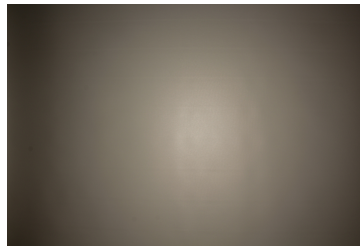
PHILIPS

LED Fortimo SLM L23 CoB
 FWHM / FWTM 90.0° / 131.0°
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 BJB: 47.319.2030



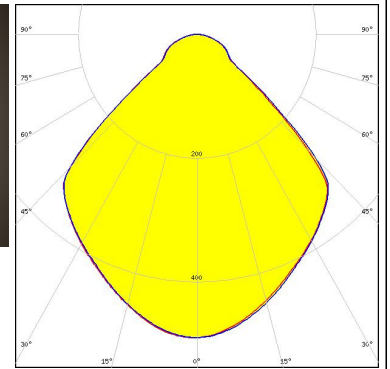
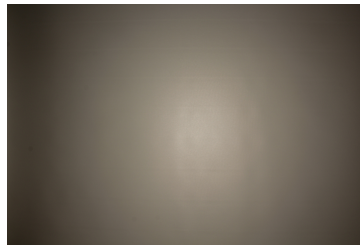
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 93.0° / 134.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2021



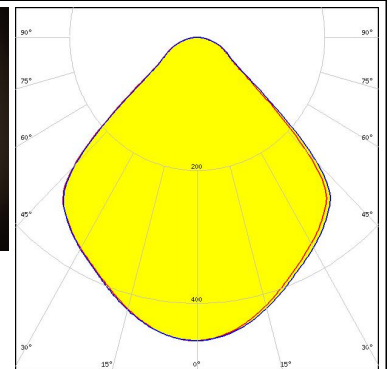
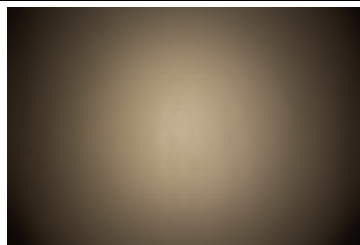
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 93.0° / 134.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 A.A.G. STUCCHI: 8101/G2



SAMSUNG

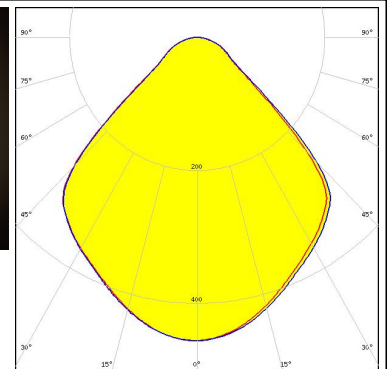
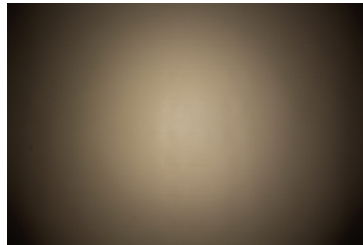
LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 93.0° / 133.0°
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 BJB: 47.319.2021



PHOTOMETRIC DATA (MEASURED):

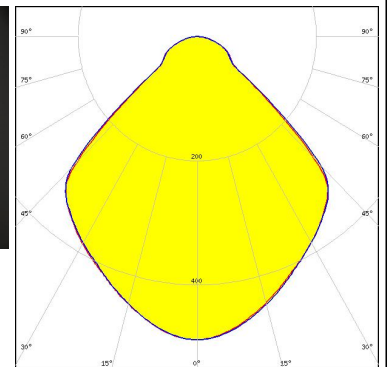
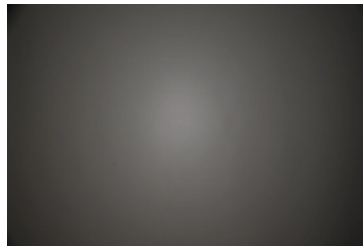
SAMSUNG

LED LC016D / LC019D / LC026D / LC033D
 FWHM / FWTM 93.0° / 133.0°
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 F13671_ANGE-RZ-LENS
 A.A.G. STUCCHI: 8101/G2



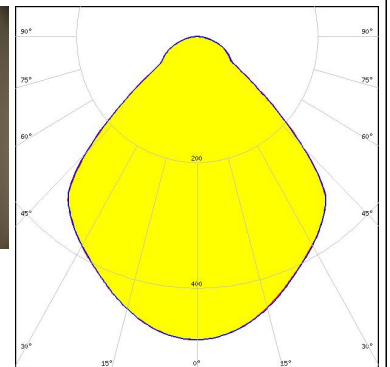
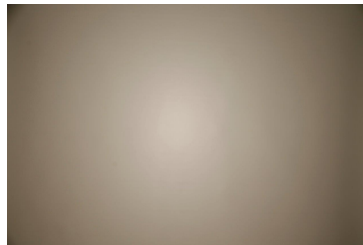
SEOUL SEMICONDUCTOR

LED ZC12/18
 FWHM / FWTM 93.0° / 135.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 A.A.G. STUCCHI: 8101/G2



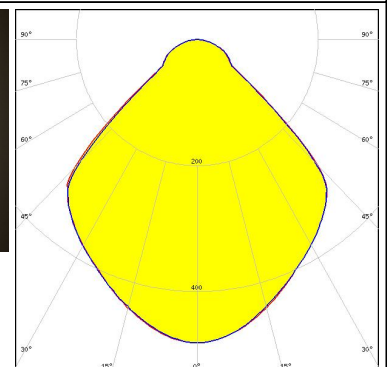
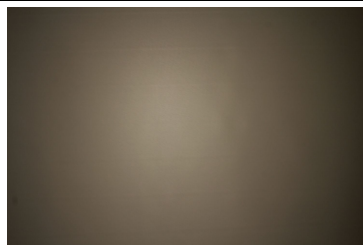
SEOUL SEMICONDUCTOR

LED ZC25/40/60
 FWHM / FWTM 91.0° / 134.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 A.A.G. STUCCHI: 8102/G2



SHARP

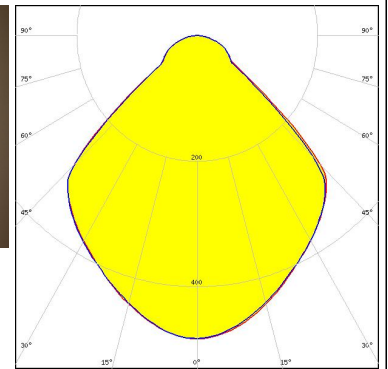
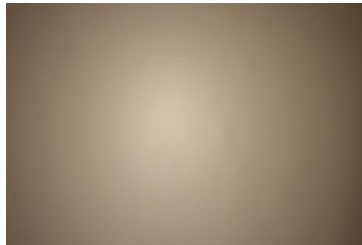
LED Mega Zenigata (GW5DGC)
 FWHM / FWTM 93.0° / 134.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2011



PHOTOMETRIC DATA (MEASURED):

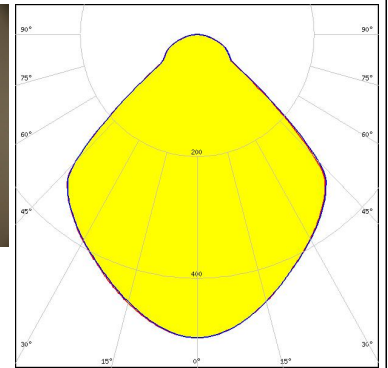
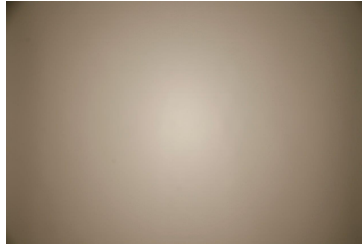
SHARP

LED Mega Zenigata (GW6DME)
 FWHM / FWTM 93.0° / 134.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 BJB: 47.319.2011



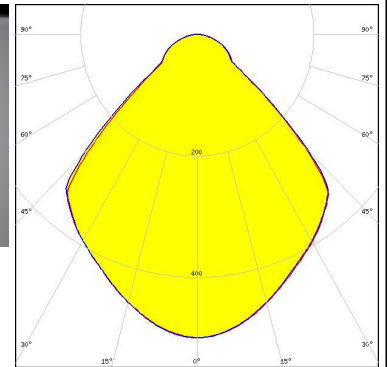
SHARP

LED Mega Zenigata (GW6DME)
 FWHM / FWTM 93.0° / 134.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 A.A.G. STUCCHI: 8301/G2



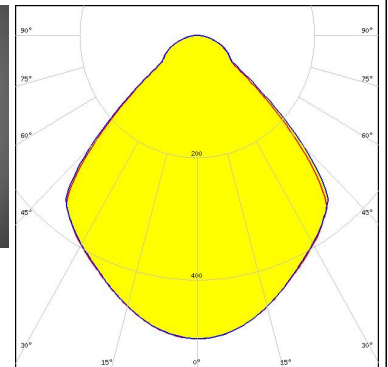
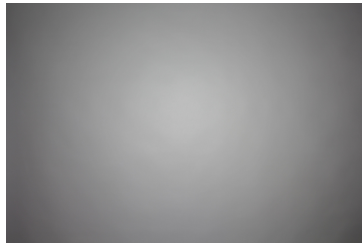
TRIDONIC

LED SLE G7 LES17 H
 FWHM / FWTM 91.0° / 133.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

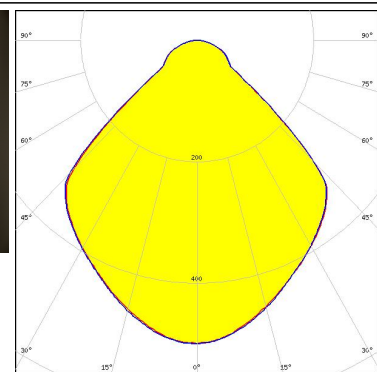
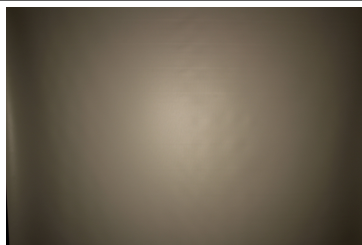
LED SLE G7 LES21 H
 FWHM / FWTM 90.0° / 133.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

XICATO

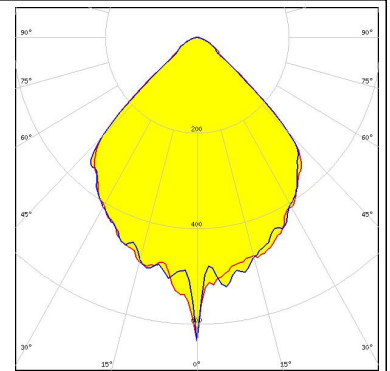
LED XOB 14.5 mm
FWHM / FWTM 93.0° / 132.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2021



PHOTOMETRIC DATA (SIMULATED):

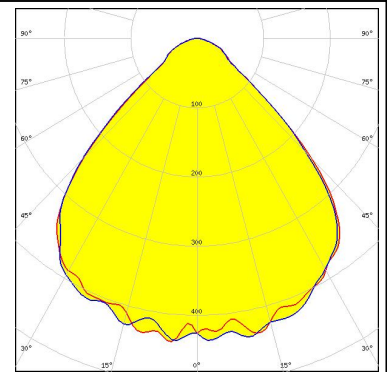
CITIZEN

LED CLU730/731
FWHM / FWTM 86.0° / 110.0°
Efficiency 93 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
BJB: 47.319.2030



SAMSUNG

LED LC040D / LC060D / LC080D
FWHM / FWTM 91.0° / 127.0°
Efficiency 88 %
Peak intensity 0.5 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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