ANGELETTE-M-B

~50° medium beam compatible with BJB connectors



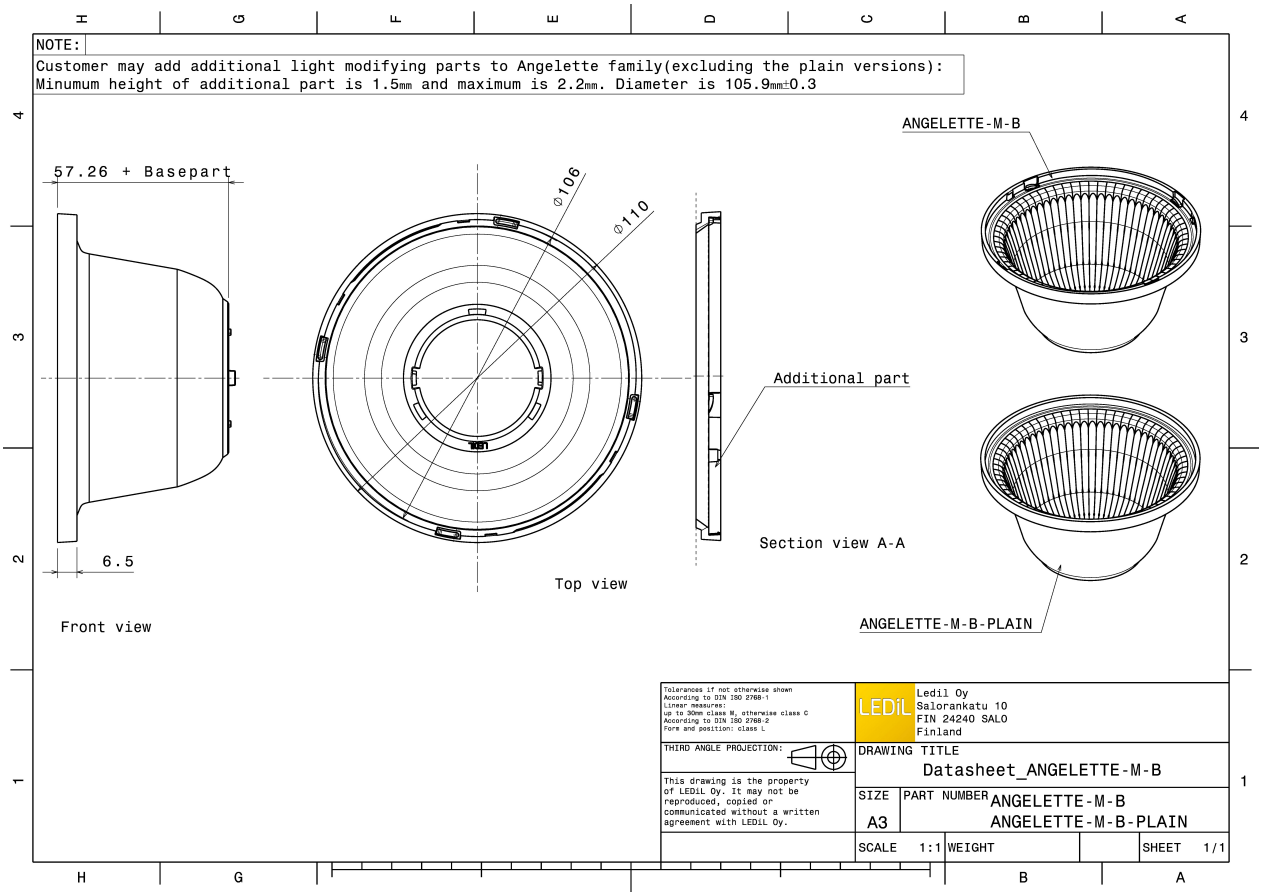
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 110 mm
Height	57.3 mm
Fastening	socket
Colour	metal
Box size	398 x 298 x 265 mm
Box weight	7.3 kg
Quantity in Box	160 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

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

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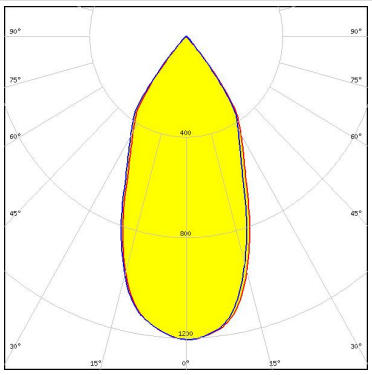
PHOTOMETRIC DATA (MEASURED):

bridgelux

LED	V15 Gen6
FWHM	48.0°
Efficiency	88 %
Peak intensity	1.200 cd/lm

Required components:
BJB: 47.319.2224



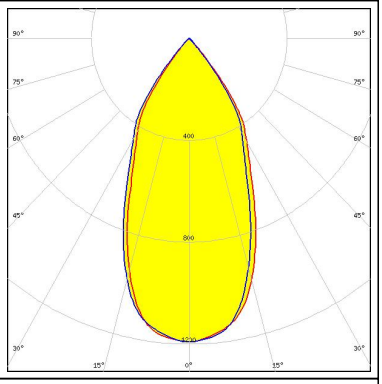


bridgelux

LED	V18 Gen6
FWHM	48.0°
Efficiency	88 %
Peak intensity	1.200 cd/lm

Required components:
BJB: 47.319.2274



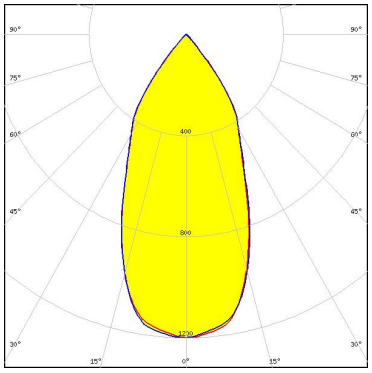


bridgelux

LED	V18 Gen7
FWHM	48.0°
Efficiency	89 %
Peak intensity	1.200 cd/lm

Required components:
BJB: 47.319.2350



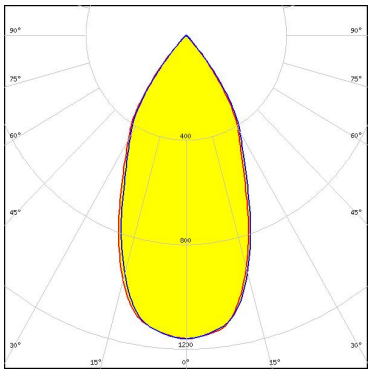


bridgelux

LED	V22 Gen6
FWHM	49.0°
Efficiency	86 %
Peak intensity	1.200 cd/lm

Required components:
A.A.G. STUCCHI: 8102/G2





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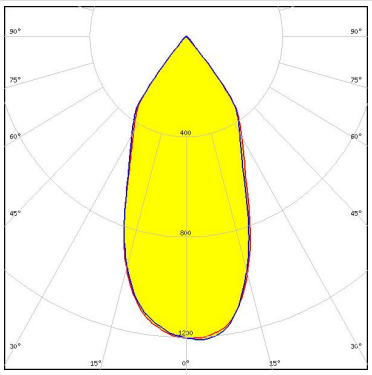
PHOTOMETRIC DATA (MEASURED):

CREE

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM	48.0°
Efficiency	89 %
Peak intensity	1.200 cd/lm

Required components:
A.A.G. STUCCHI: 8403/G2



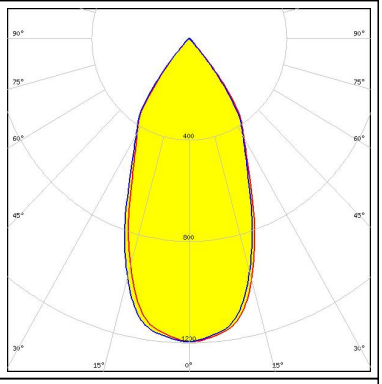


CREE

LED	CXA/B 25xx
FWHM	47.0°
Efficiency	88 %
Peak intensity	1.200 cd/lm

Required components:
A.A.G. STUCCHI: 8401/G2



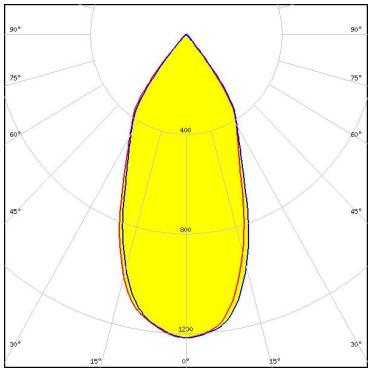


LUMILEDS

LED	LUXEON CoB 1208
FWHM	47.0°
Efficiency	88 %
Peak intensity	1.200 cd/lm

Required components:
A.A.G. STUCCHI: 8301/G2



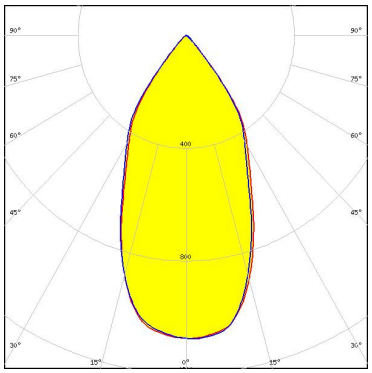


SAMSUNG

LED	COB D Series LES 14.5 mm
FWHM	51.0°
Efficiency	86 %
Peak intensity	1.080 cd/lm

Required components:
F13671_ANGE-RZ-LENS
A.A.G. STUCCHI: 8101/G2





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PHOTOMETRIC DATA (MEASURED):

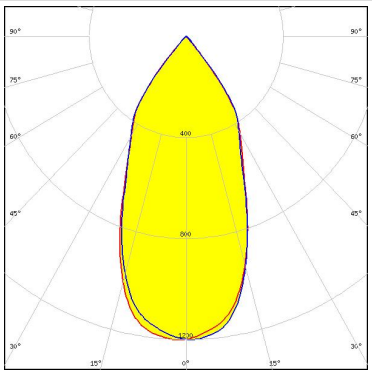
SAMSUNG

LED	COB D Series LES 14.5 mm
FWHM	48.0°
Efficiency	89 %
Peak intensity	1.200 cd/lm

Required components:

A.A.G. STUCCHI: 8101/G2





SAMSUNG

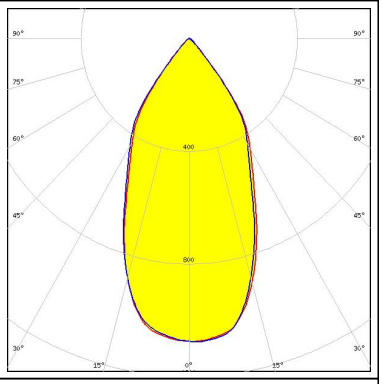
LED	COB D Series LES 14.5 mm
FWHM	51.0°
Efficiency	86 %
Peak intensity	1.080 cd/lm

Required components:

F13671_ANGE-RZ-LENS

BJB: 47.319.2021





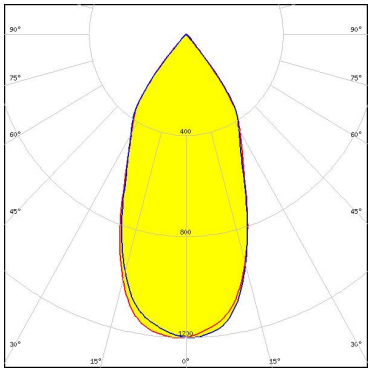
SAMSUNG

LED	COB D Series LES 14.5 mm
FWHM	48.0°
Efficiency	89 %
Peak intensity	1.200 cd/lm

Required components:

BJB: 47.319.2021



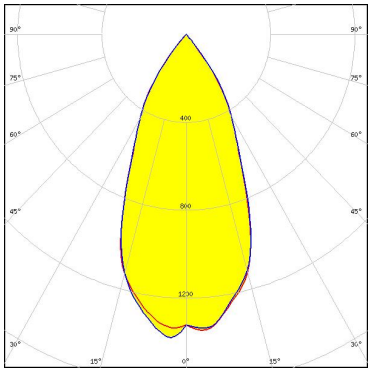


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PHOTOMETRIC DATA (SIMULATED):

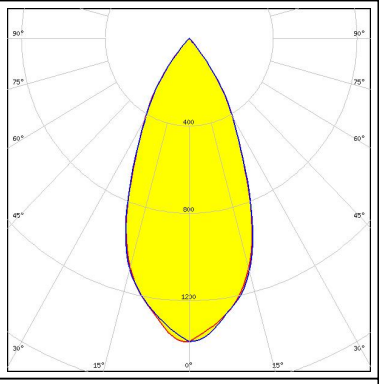
CITIZEN

LED	CLL03x/CLU03x
FWHM	46.0°
Efficiency	89 %
Peak intensity	1.400 cd/lm
Required components:	
BJB: 47.319.2021	



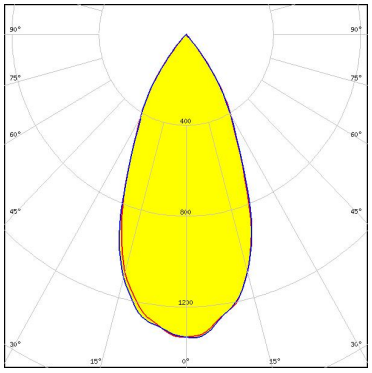
CITIZEN

LED	CLL04x/CLU04x
FWHM	47.0°
Efficiency	88 %
Peak intensity	1.400 cd/lm
Required components:	
BJB: 47.319.2030	



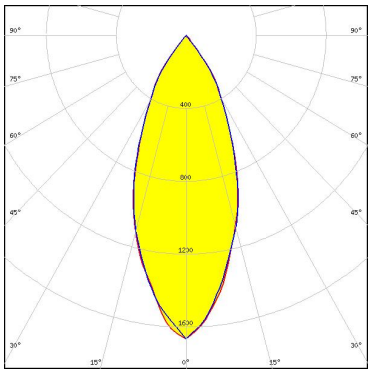
SAMSUNG

LED	COB D Series LES 22 mm
FWHM	47.0°
Efficiency	87 %
Peak intensity	1.340 cd/lm
Required components:	
BJB: 47.319.2030	



TRIDONIC

LED	SLE G6 LES15 H D50
FWHM	41.0°
Efficiency	88 %
Peak intensity	1.670 cd/lm
Required components:	

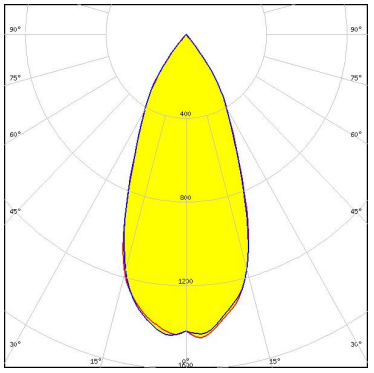


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PHOTOMETRIC DATA (SIMULATED):

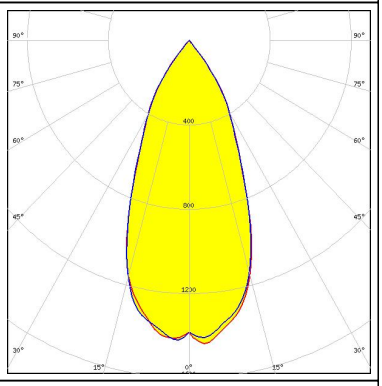
TRIDONIC

LED	SLE G6 LES17 H
FWHM	44.0°
Efficiency	88 %
Peak intensity	1.500 cd/lm
Required components:	



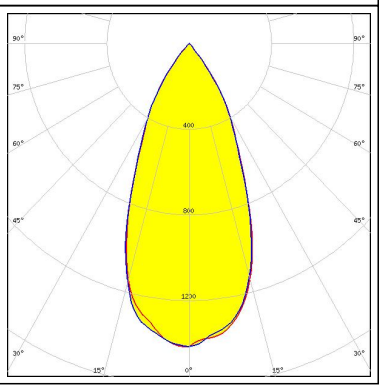
TRIDONIC

LED	SLE G6 LES19 H
FWHM	44.0°
Efficiency	88 %
Peak intensity	1.460 cd/lm
Required components:	



TRIDONIC

LED	SLE G6 LES23 H
FWHM	45.0°
Efficiency	88 %
Peak intensity	1.430 cd/lm
Required components:	



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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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