OLIVIA-M

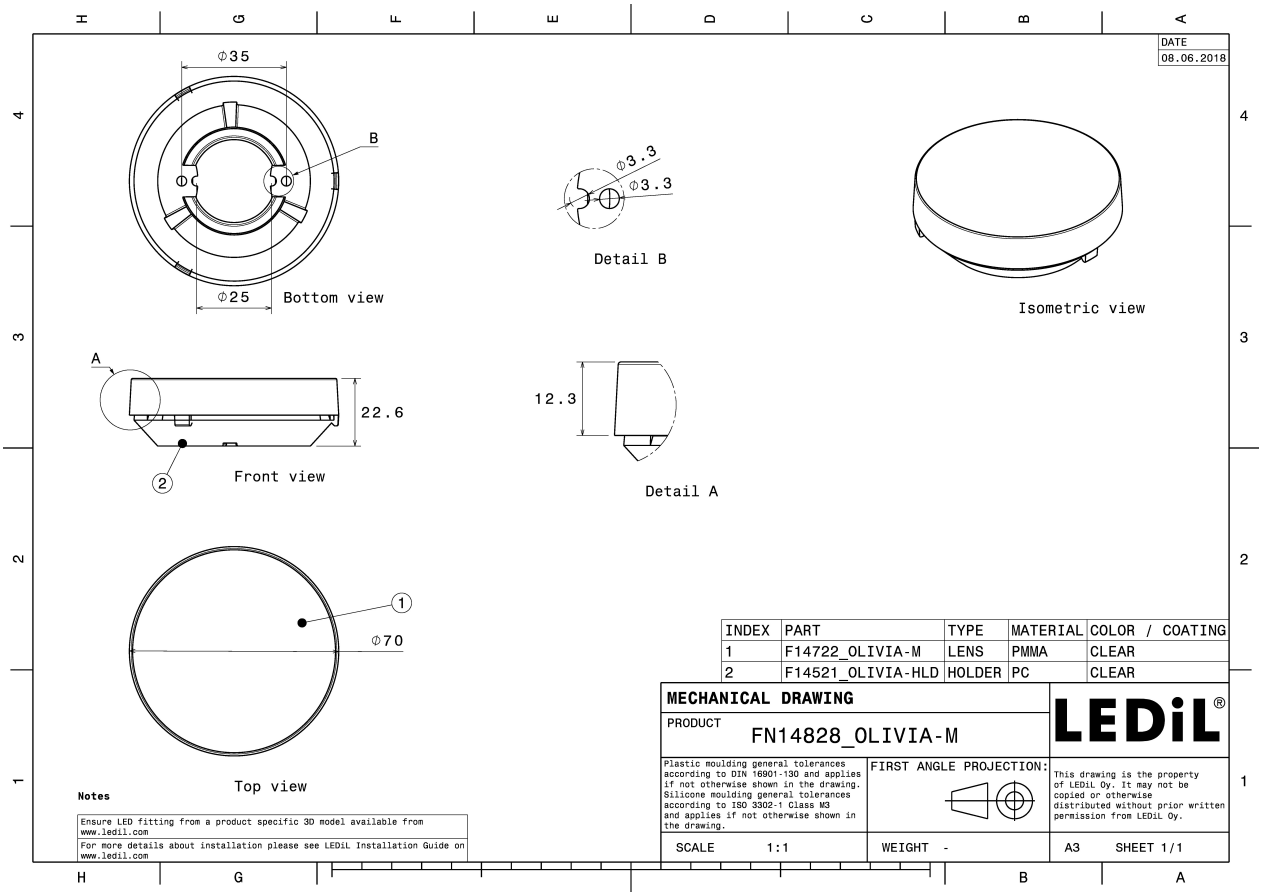
~60° medium beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 70 mm
Height	22.6 mm
Fastening	screw
Colour	clear
Box size	
Box weight	0 kg
Quantity in Box	140 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
OLIVIA-M	Lens	PC	clear
OLIVIA-HLD	Holder	PC	clear



INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	F14722_OLIVIA-M	LENS	PMMA	CLEAR
2	F14521_OLIVIA-HLD	HOLDER	PC	CLEAR

MECHANICAL DRAWING

PRODUCT FN14828_OLIVIA-M

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

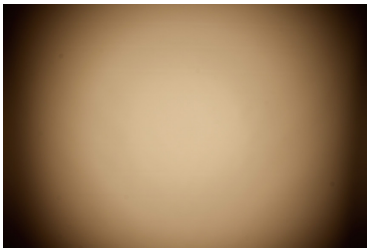
FIRST ANGLE PROJECTION:

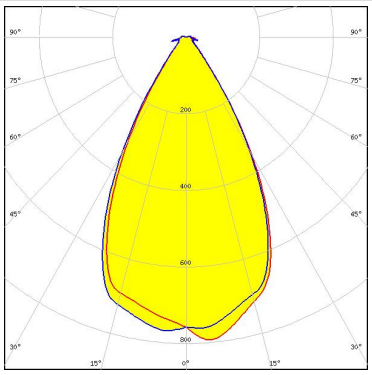
SCALE 1:1 | WEIGHT - | A3 SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

bridgelux

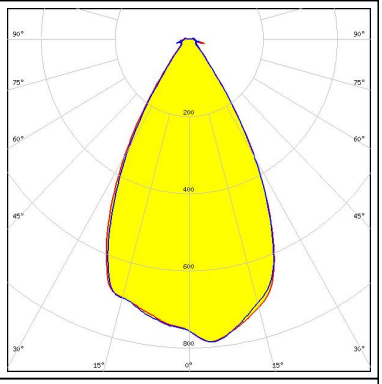
LED	V10 Gen6
FWHM	58.0°
Efficiency	76 %
Peak intensity	0.790 cd/lm
Required components:	
BJB: 47.319.6214	





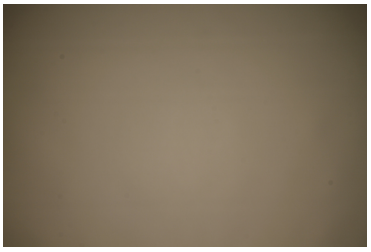
bridgelux

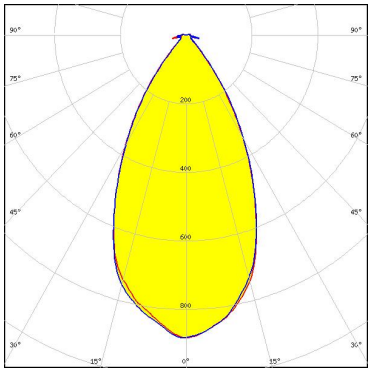
LED	V10 Gen7
FWHM	57.0°
Efficiency	76 %
Peak intensity	0.800 cd/lm
Required components:	
BJB: 47.319.6060	



bridgelux

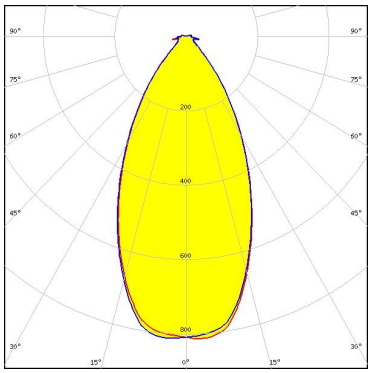
LED	Vero SE 13
FWHM	54.0°
Efficiency	80 %
Peak intensity	0.880 cd/lm
Required components:	





bridgelux

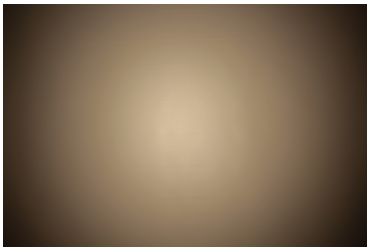
LED	Vero SE 18
FWHM	52.0°
Efficiency	78 %
Peak intensity	0.820 cd/lm
Required components:	

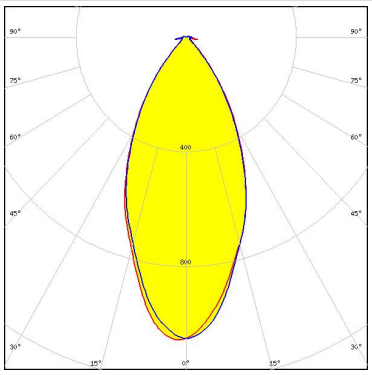


PHOTOMETRIC DATA (MEASURED):

bridgelux

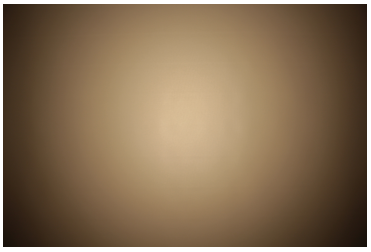
LED	Xenio Point 13mm
FWHM	48.0°
Efficiency	83 %
Peak intensity	1.060 cd/lm
Required components:	

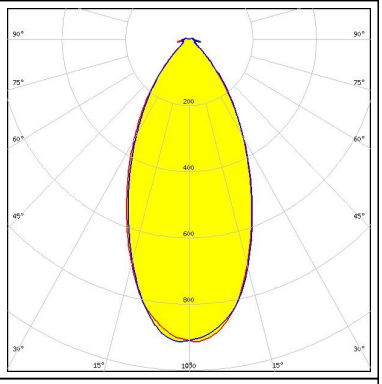




bridgelux

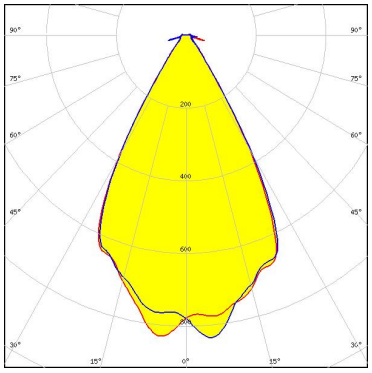
LED	Xenio Point 18mm
FWHM	49.0°
Efficiency	81 %
Peak intensity	0.920 cd/lm
Required components:	





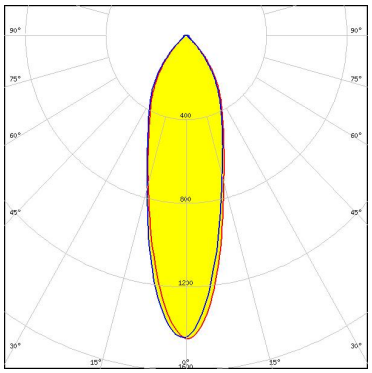
CITIZEN

LED	CLU700/701
FWHM	59.0°
Efficiency	77 %
Peak intensity	0.900 cd/lm
Required components:	
A.A.G. STUCCHI: 8100/G2	



CREE

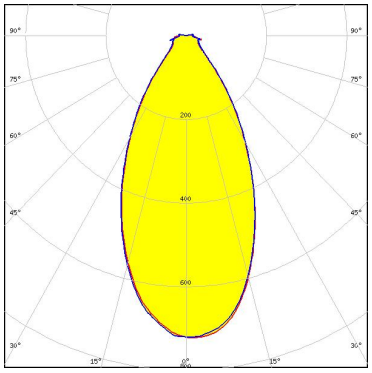
LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM	30.0°
Efficiency	82 %
Peak intensity	1.500 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

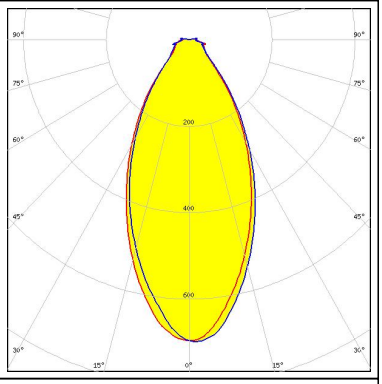
LUMILEDS

LED	LUXEON CoB 1211
FWHM	52.0°
Efficiency	74 %
Peak intensity	0.720 cd/lm
Required components:	
BJB: 47.319.2030	



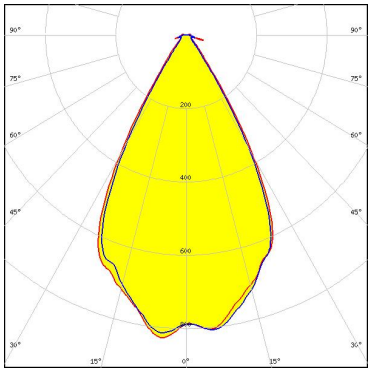
LUMILEDS

LED	LUXEON CoB 1216/1812
FWHM	51.0°
Efficiency	72 %
Peak intensity	0.700 cd/lm
Required components:	
BJB: 47.319.2030	



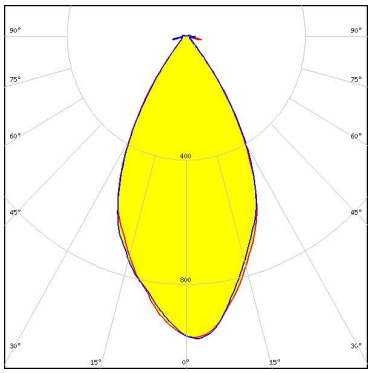
LUMILEDS

LED	LUXEON CoB Compact
FWHM	58.0°
Efficiency	77 %
Peak intensity	0.830 cd/lm
Required components:	
BJB: 47.319.6180	



PHILIPS

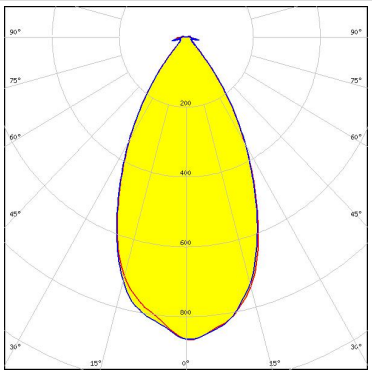
LED	Fortimo SLM L09 Poke-In
FWHM	54.0°
Efficiency	81 %
Peak intensity	0.980 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

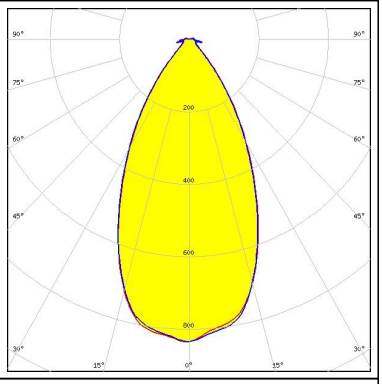
PHILIPS

LED	Fortimo SLM L13 Poke-In
FWHM	53.0°
Efficiency	78 %
Peak intensity	0.870 cd/lm
Required components:	



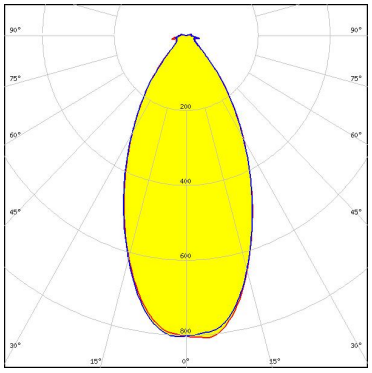
PHILIPS

LED	Fortimo SLM L15 Poke-In
FWHM	53.0°
Efficiency	78 %
Peak intensity	0.840 cd/lm
Required components:	



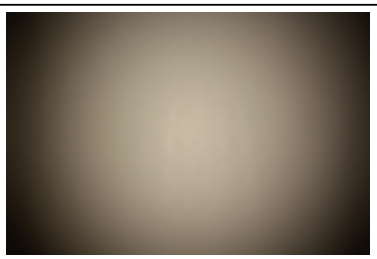
PHILIPS

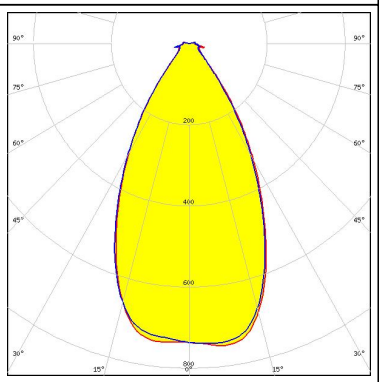
LED	Fortimo SLM L19 Poke-In
FWHM	51.0°
Efficiency	77 %
Peak intensity	0.810 cd/lm
Required components:	



SAMSUNG

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



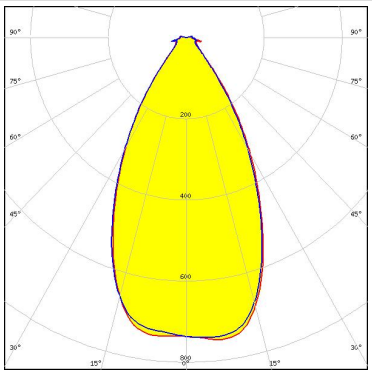


PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED	COB D Series LES 14.5 mm
FWHM	55.0°
Efficiency	76 %
Peak intensity	0.750 cd/lm

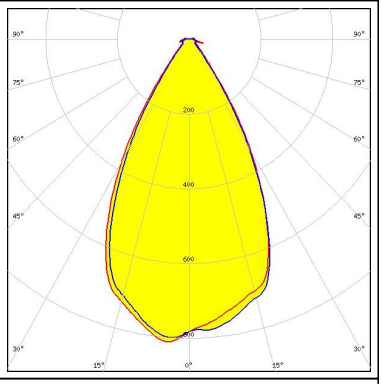
Required components:
BJB: 47.319.2021



SAMSUNG

LED	COB D Series LES 9.8 mm
FWHM	57.0°
Efficiency	77 %
Peak intensity	0.820 cd/lm

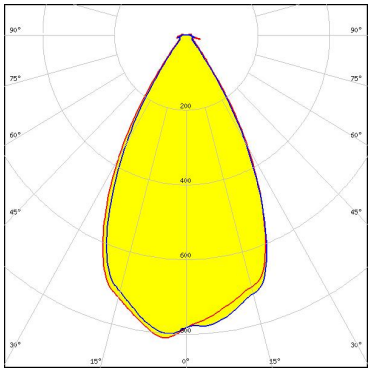
Required components:
BJB: 47.319.6060



SAMSUNG

LED	COB D Series LES 9.8 mm
FWHM	57.0°
Efficiency	77 %
Peak intensity	0.820 cd/lm

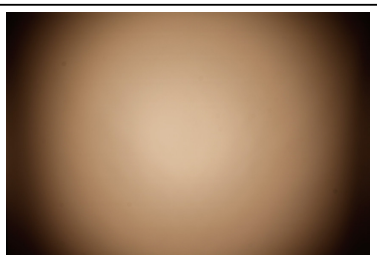
Required components:
A.A.G. STUCCHI: 8100/G2

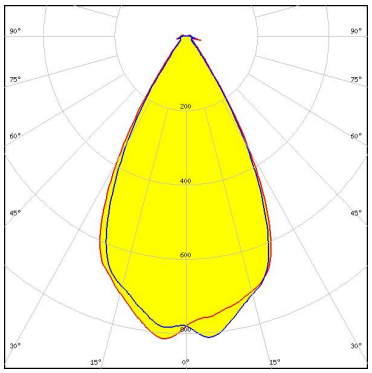


SHARP

LED	Mini Zenigata (GW6BM)
FWHM	57.0°
Efficiency	77 %
Peak intensity	0.880 cd/lm

Required components:
BJB: 47.319.6180



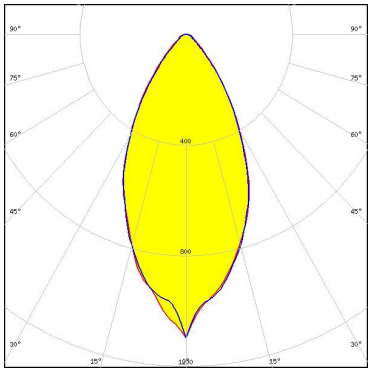


PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	V13 Gen7
FWHM	50.0°
Efficiency	93 %
Peak intensity	1.100 cd/lm

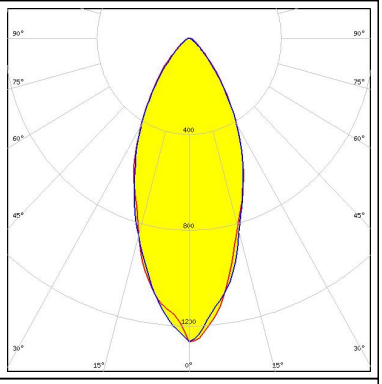
Required components:
TE: 2213254-1



bridgelux

LED	V13 Gen7
FWHM	44.0°
Efficiency	94 %
Peak intensity	1.270 cd/lm

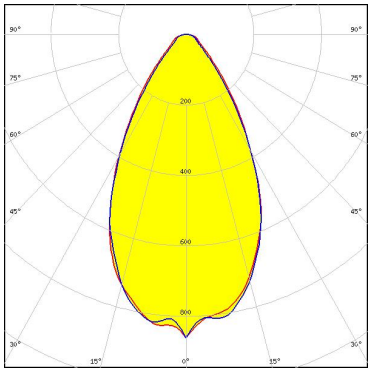
Required components:
Bender Wirth: 477 Typ Z1



bridgelux

LED	V13 Gen7
FWHM	43.0°
Efficiency	90 %
Peak intensity	0.860 cd/lm

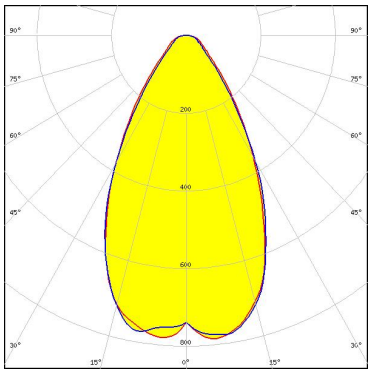
Required components:
BJB: 47.319.2021



bridgelux

LED	V13 Gen7
FWHM	58.0°
Efficiency	89 %
Peak intensity	0.800 cd/lm

Required components:
TE: 2213254-2



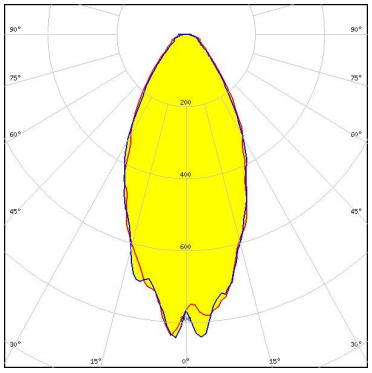
PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	V22 Gen7
FWHM	48.0°
Efficiency	82 %
Peak intensity	0.921 cd/lm

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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