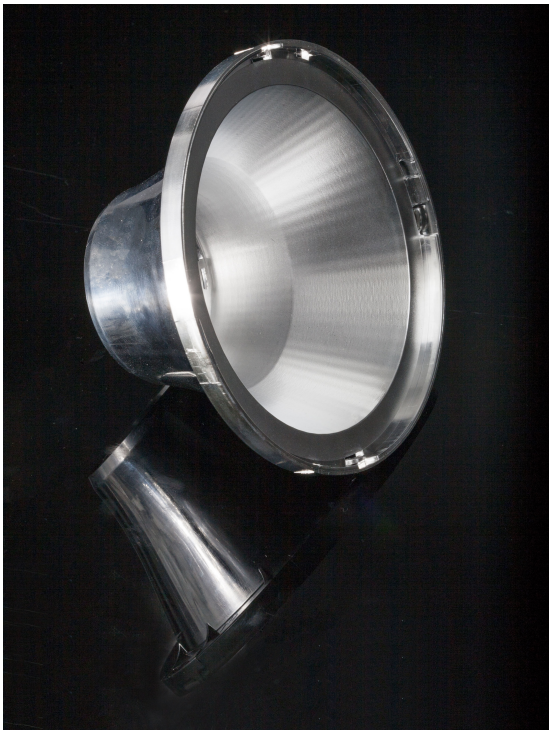
ANGELETTE-M2

~35° medium beam



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 110 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-M2	Reflector	PC	metal	

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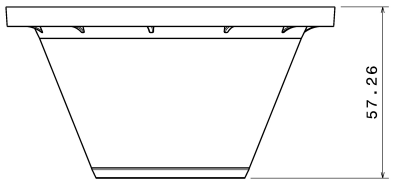
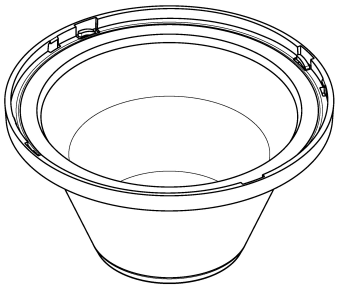
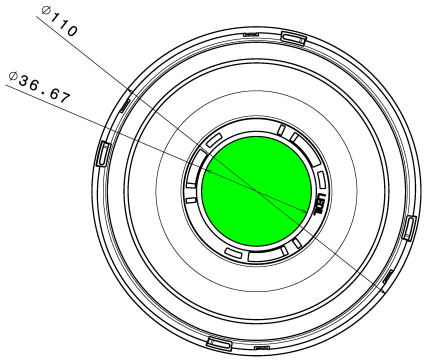




Isometric view
Scale: 1:1



PART	TYPE	MATERIAL	COLOR / COATING
F16010_ANGELETTE-M2			

MECHANICAL DRAWING

PRODUCT ANGELETTE

LEDiL®

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:

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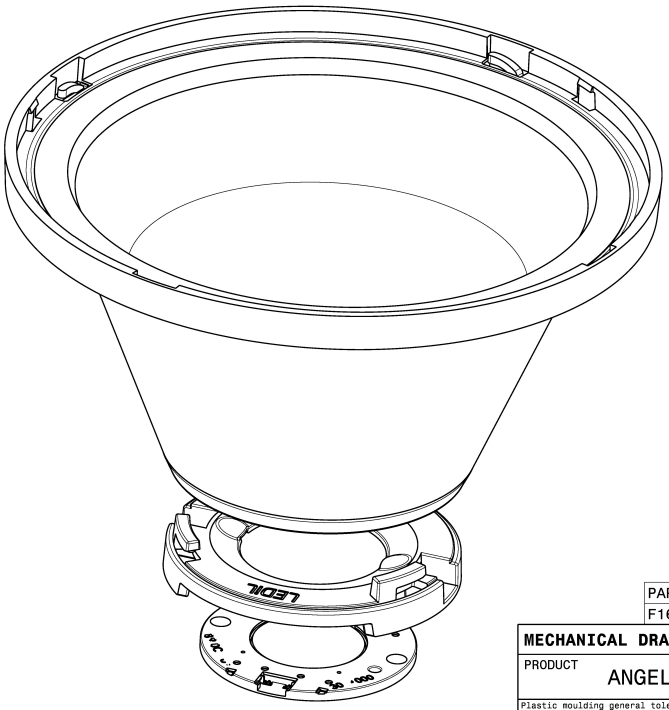
SCALE 1:1 | WEIGHT - | A3 | SHEET 1/1

Notes

- PCB or heatsink level.
- LED location
- Ensure LED fitting from a product specific 3D model available from www.ledil.com
- For more details about installation please see LEDiL Installation Guide on www.ledil.com



PART	TYPE	MATERIAL	COLOR / COATING
F16010_ANGELETTE-M2			

MECHANICAL DRAWING

PRODUCT ANGELETTE

LEDiL®

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

Notes

- PCB or heatsink level.
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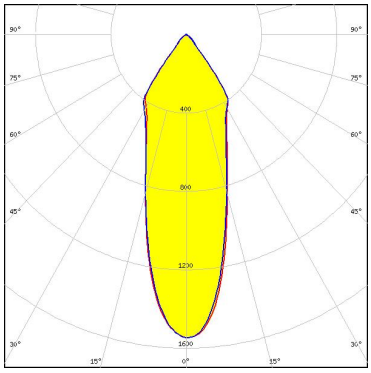
PHOTOMETRIC DATA (MEASURED):

bridgelux

LED	Vero SE 13
FWHM	33.0°
Efficiency	87 %
Peak intensity	1.500 cd/lm

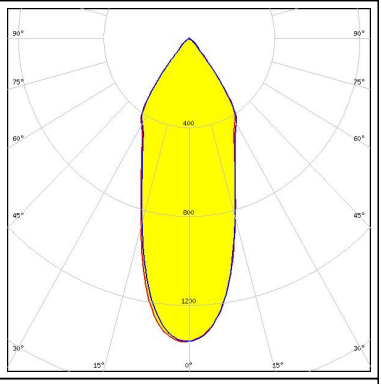
Required components:
C16402_CLAMP-VEROSE-13-18



bridgelux

LED	Vero SE 18
FWHM	38.0°
Efficiency	86 %
Peak intensity	1.400 cd/lm

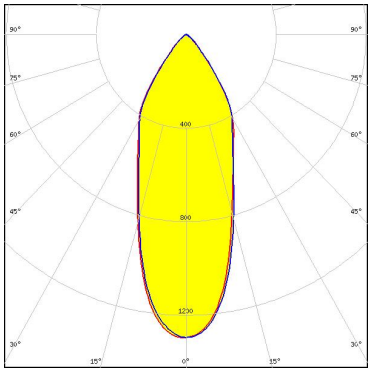
Required components:
C16402_CLAMP-VEROSE-13-18



bridgelux

LED	VERO18
FWHM	38.0°
Efficiency	84 %
Peak intensity	1.300 cd/lm

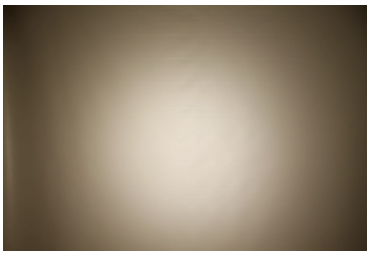
Required components:
C13658_CLAMP-VERO13-18
F15412_ANGELETTE-DL

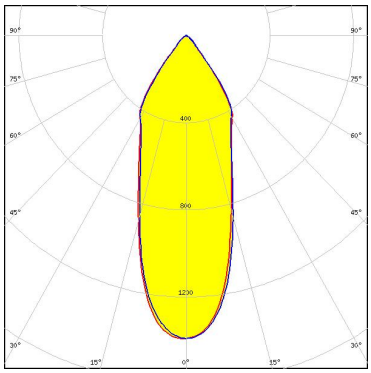


bridgelux

LED	VERO18
FWHM	37.0°
Efficiency	87 %
Peak intensity	1.400 cd/lm

Required components:
C13658_CLAMP-VERO13-18





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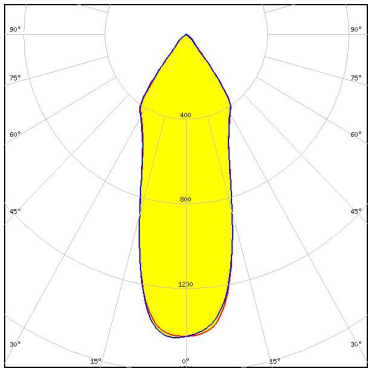
PHOTOMETRIC DATA (MEASURED):

CREE

LED	CMA1840
FWHM	36.0°
Efficiency	88 %
Peak intensity	1.400 cd/lm

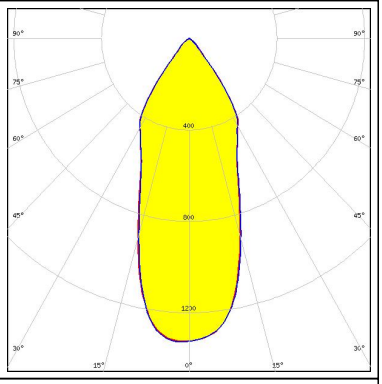
Required components:
C14123_CLAMP-CXA15-18



CREE

LED	CMA2550
FWHM	39.0°
Efficiency	88 %
Peak intensity	1.300 cd/lm

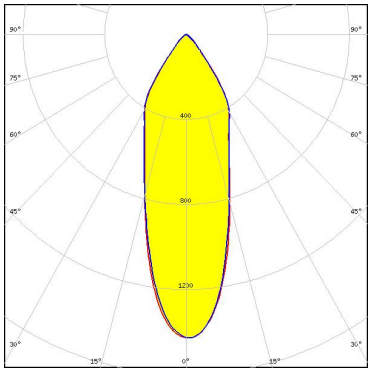
Required components:
C14036_CLAMP_CXA25-30



LUMILEDS

LED	LUXEON CoB 1204/1205
FWHM	34.0°
Efficiency	83 %
Peak intensity	1.400 cd/lm

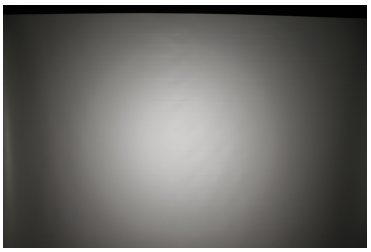
Required components:
F15412_ANGELETTE-DL
TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1

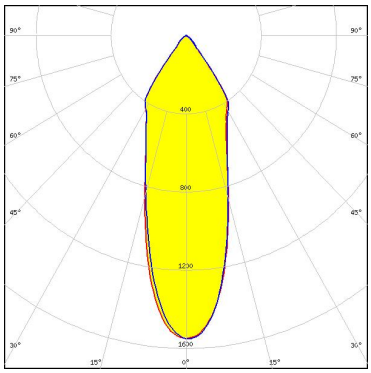


LUMILEDS

LED	LUXEON CoB 1204/1205
FWHM	33.0°
Efficiency	86 %
Peak intensity	1.600 cd/lm

Required components:
TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1





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PHOTOMETRIC DATA (MEASURED):

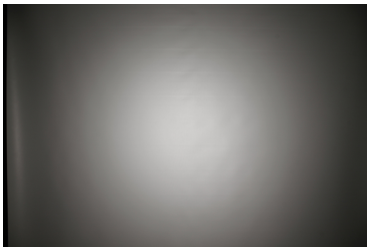
LUMILEDS

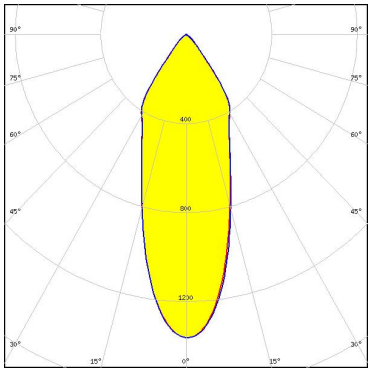
LED	LUXEON CoB 1204/1205
FWHM	35.0°
Efficiency	82 %
Peak intensity	1.400 cd/lm

Required components:

F13671_ANGE-RZ-LENS

TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1





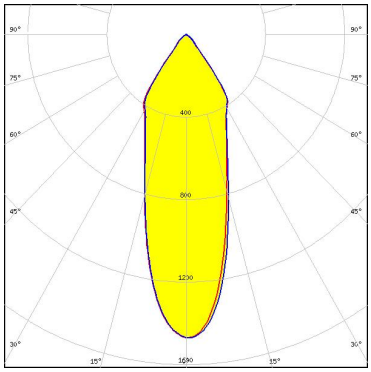
LUMILEDS

LED	LUXEON CoB 1204/1205
FWHM	33.0°
Efficiency	83 %
Peak intensity	1.500 cd/lm

Required components:

F15176_ANGELETTE-LENS

TE: 2213130-2 + OPTIC CLIP Z50 TYPE1 2213194-1

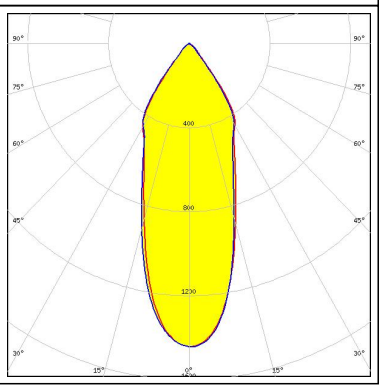


XICATO

LED	XIM - 19mm LES
FWHM	37.0°
Efficiency	88 %
Peak intensity	1.400 cd/lm

Required components:

C16491_XTM-ADAPTER-50-A



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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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