MINNIE-M

~25° medium beam

SPECIFICATION:

Dimensions	Ø 32.4 mm
Height	14.8 mm
Fastening	glue
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Coating
MINNIE-M	Reflector	PC	metal		lacquer

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12095_MINNIE-M » Box size: 480 x 280 x 300 mm	1080	120	60	4.4

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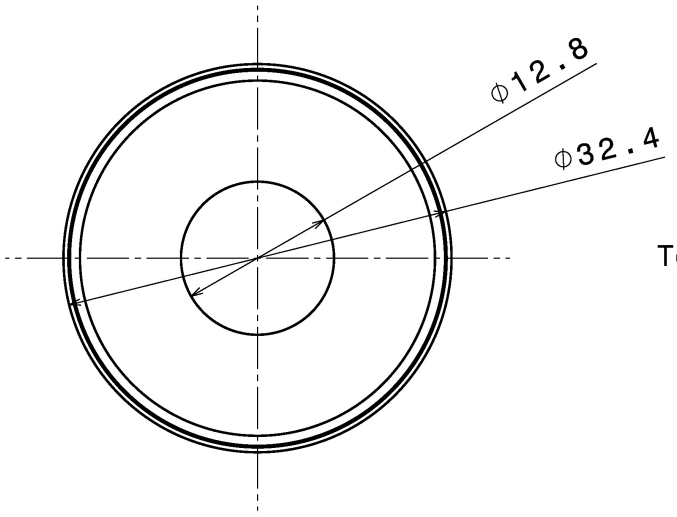
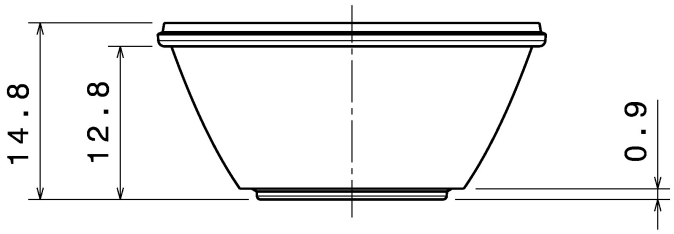
DATE
11.10.2019



Top view



Front view

Version without holder,
correct mounting height from the
PCB 1,0 mm

PART	TYPE	MATERIAL	COLOR / COATING
C12095_MINNIE-M	REFLECTOR	PC	metal

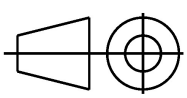
MECHANICAL DRAWING

PRODUCT MINNIE

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 2:1 | WEIGHT - | A4 SHEET 1/1

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

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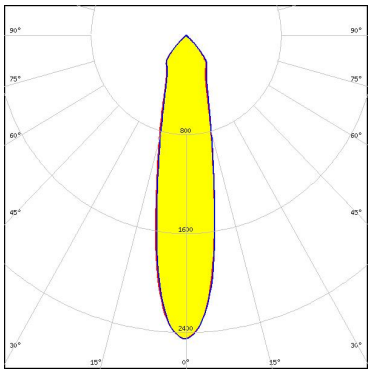
OPTICAL RESULTS (MEASURED):

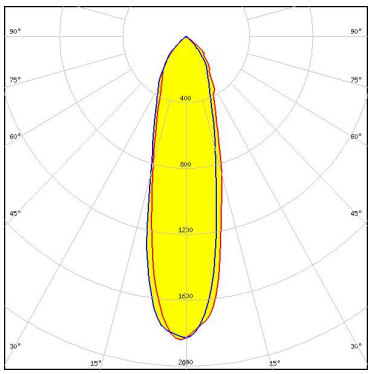
CREE LEDs

LED	MHD-E/G
FWHM / FWTM	23.0° / 80.0°
Efficiency	92 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



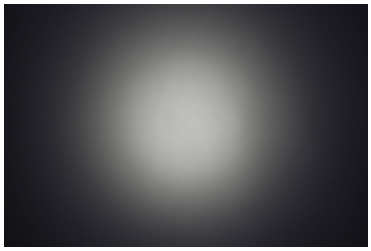
CREE LEDs

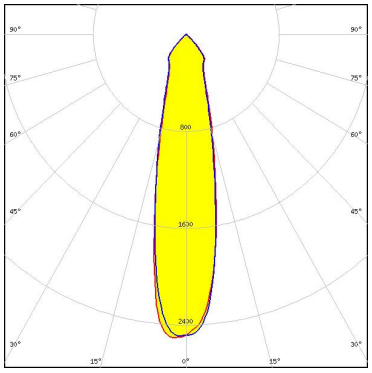
LED	MT-G
FWHM / FWTM	26.0° / 84.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	



CREE LEDs

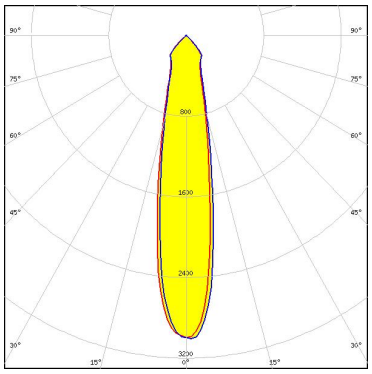
LED	XHP70
FWHM / FWTM	23.0° / 76.0°
Efficiency	88 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	21.0° / 60.0°
Efficiency	90 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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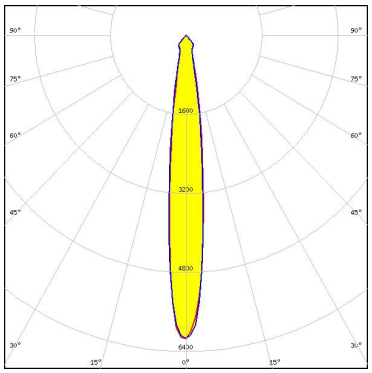
OPTICAL RESULTS (MEASURED):

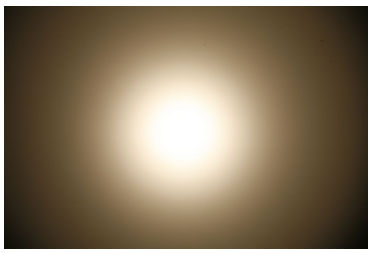
LUMILEDS

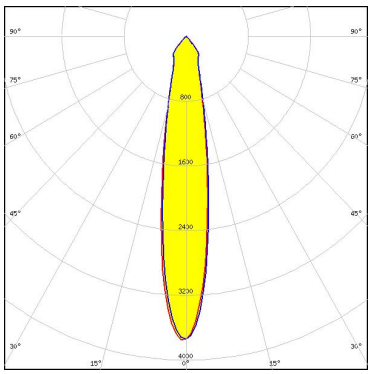
LED	LUXEON MZ
FWHM / FWTM	14.0° / 32.0°
Efficiency	87 %
Peak intensity	6.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

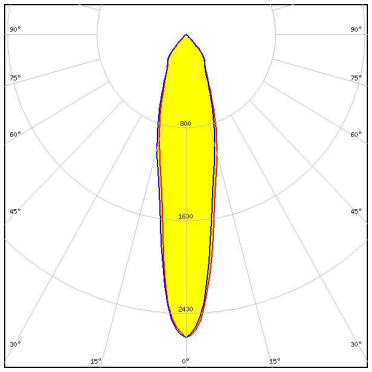
LED	NSMx286M
FWHM / FWTM	18.0° / 50.0°
Efficiency	91 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





OSRAM
Opto Semiconductors

LED	Duris S10
FWHM / FWTM	21.0° / 71.0°
Efficiency	88 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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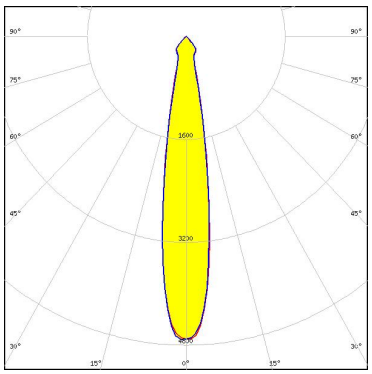
OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON 5258
FWHM / FWTM	12.0° / 24.0°
Efficiency	92 %
Peak intensity	9.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	18.0° / 36.0°
Efficiency	92 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour	White
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.

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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