MIRA-M

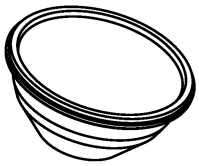
~30° medium beam

TECHNICAL SPECIFICATIONS:

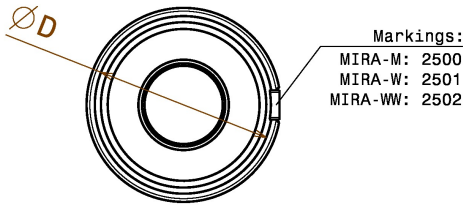
Dimensions	Ø 32.4 mm
Height	14.7 mm
Fastening	glue
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.3 kg
Quantity in Box	840 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

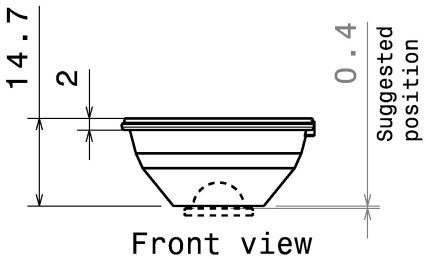
Component	Type	Material	Colour
MIRA-M	Lens	PC	clear



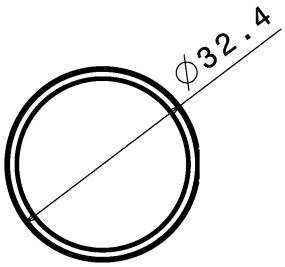
Isometric view



Bottom view



Front view



Top view

Dimension D:
- C12500_MIRA-M 29,7mm
- C12501_MIRA-W 28,4mm
- C12502_MIRA-WW 28,4mm

Material: PC

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWN BY: mav	DATE: 02.04.2012	DRAWING TITLE: Datasheet MIRA lens			
CHECKED BY: sn	DATE: 02.04.2012	SIZE: A4	DRAWING NUMBER: -		REV: 1
DESIGNED BY: mav	DATE: 29.11.2011	SCALE: 1:1	WEIGHT(g):		SHEET: 1/1

PHOTOMETRIC DATA (MEASURED):

bridgelux

LED	BXRA ES Star
FWHM	30.0°
Efficiency	82 %
Peak intensity	cd/lm
Required components:	

bridgelux

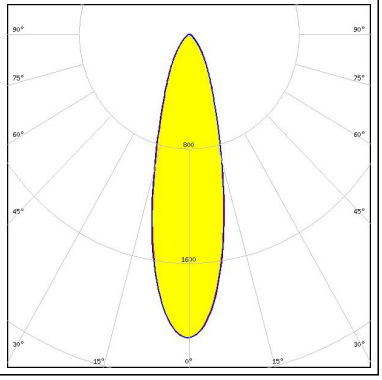
LED	V10 Gen6
FWHM	35.0°
Efficiency	77 %
Peak intensity	1.760 cd/lm
Required components:	

CREE

LED	CXA/B 15xx
FWHM	31.0°
Efficiency	85 %
Peak intensity	2.000 cd/lm
Required components:	

CREE

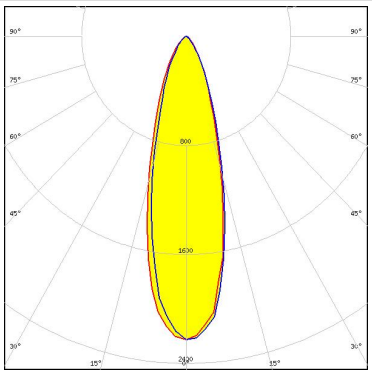
LED	MHD-E/G
FWHM	28.0°
Efficiency	85 %
Peak intensity	2.100 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

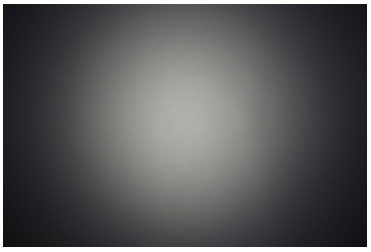
CREE

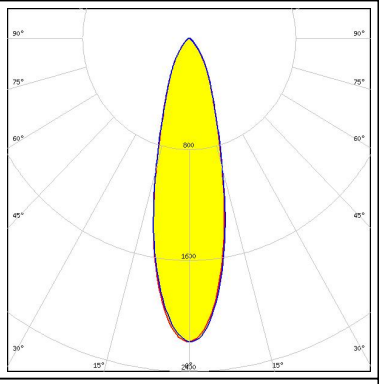
LED	MT-G
FWHM	28.0°
Efficiency	83 %
Peak intensity	2.200 cd/lm
Required components:	



CREE

LED	XHP70
FWHM	27.0°
Efficiency	83 %
Peak intensity	2.200 cd/lm
Required components:	



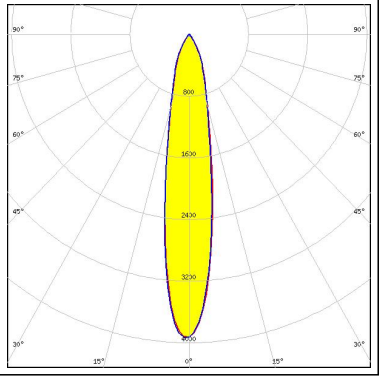


LUMILEDS

LED	LUXEON M/MX
FWHM	25.0°
Efficiency	81 %
Peak intensity	cd/lm
Required components:	

LUMILEDS

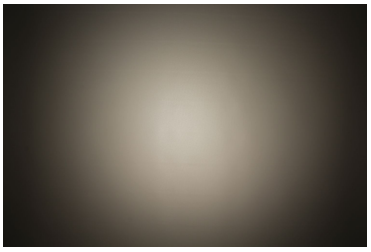
LED	LUXEON MZ
FWHM	19.0°
Efficiency	81 %
Peak intensity	3.900 cd/lm
Required components:	

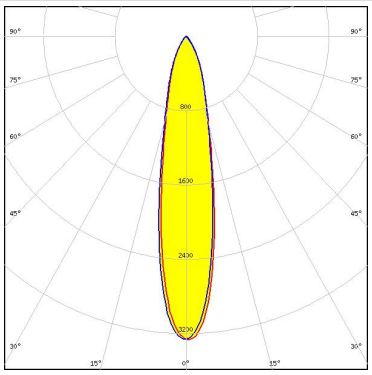


PHOTOMETRIC DATA (MEASURED):

NICHIA

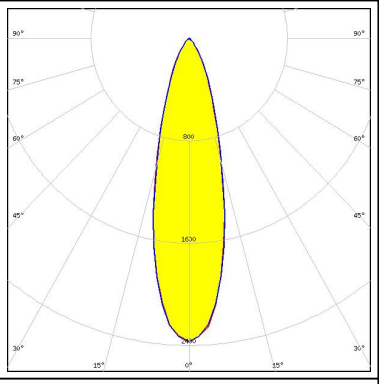
LED	NFMW48xA
FWHM	21.0°
Efficiency	82 %
Peak intensity	3.300 cd/lm
Required components:	





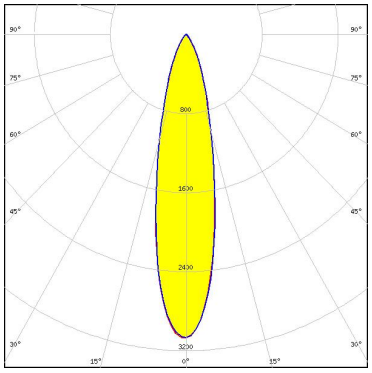
NICHIA

LED	NSCxL036A
FWHM	28.0°
Efficiency	80 %
Peak intensity	2.400 cd/lm
Required components:	



NICHIA

LED	NSMx286M
FWHM	23.0°
Efficiency	80 %
Peak intensity	3.050 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	Duris S10
FWHM	22.0°
Efficiency	83 %
Peak intensity	3.600 cd/lm
Required components:	

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	Soleriq P6
FWHM	25.0°
Efficiency	78 %
Peak intensity	2.880 cd/lm
Required components:	

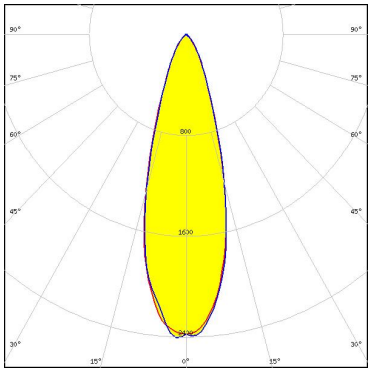
OSRAM
Opto Semiconductors

LED	Soleriq P9
FWHM	32.0°
Efficiency	78 %
Peak intensity	1.890 cd/lm
Required components:	

PHOTOMETRIC DATA (SIMULATED):

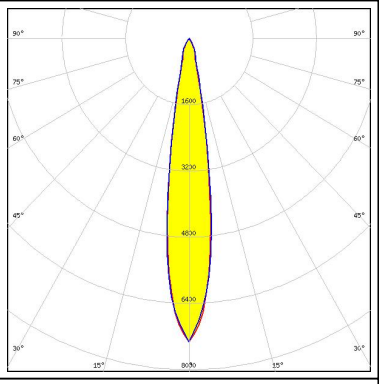
CREE

LED	MHD-E/G
FWHM	30.0°
Efficiency	87 %
Peak intensity	2.500 cd/lm
Required components:	



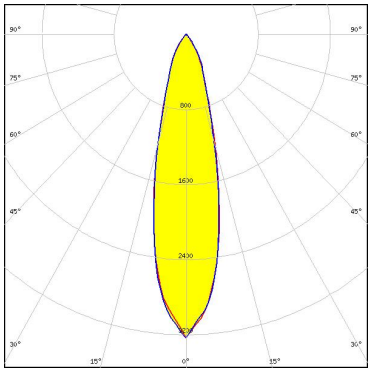
LUMILEDS

LED	LUXEON 5258
FWHM	16.0°
Efficiency	92 %
Peak intensity	7.300 cd/lm
Required components:	



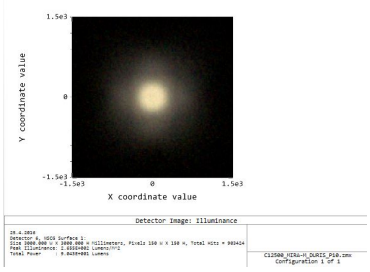
LUMILEDS

LED	LUXEON K4
FWHM	26.0°
Efficiency	86 %
Peak intensity	3.200 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM	31.0°
Efficiency	92 %
Peak intensity	2.360 cd/lm
Required components:	



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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