EVA-M

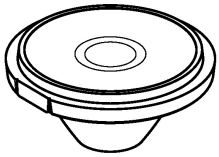
~25° medium beam

TECHNICAL SPECIFICATIONS:

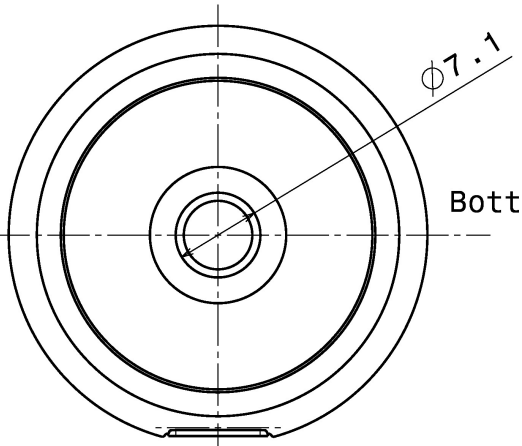
Dimensions	Ø 35 mm
Height	16.4 mm
Fastening	glue
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	5.8 kg
Quantity in Box	540 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

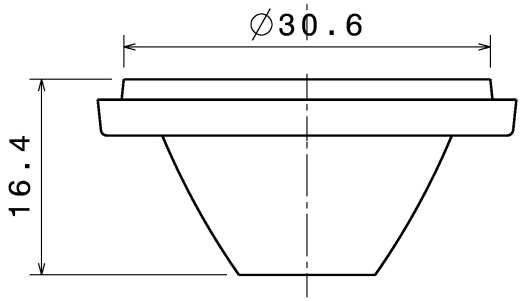
Component	Type	Material	Colour
EVA-M	Lens	PMMA	clear



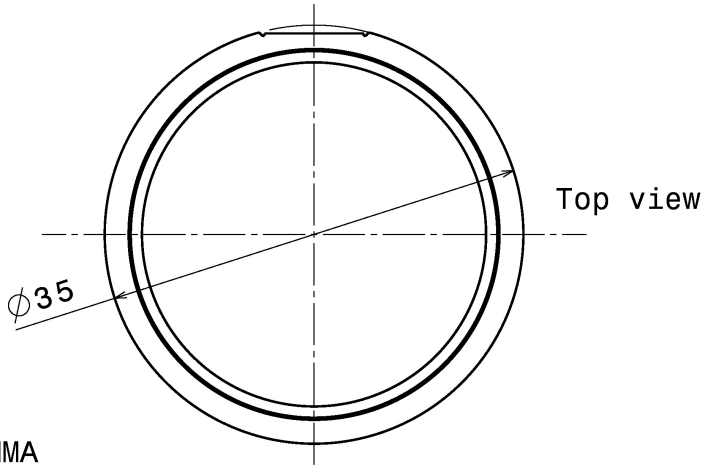
Isometric view



Bottom view



Side view



Top view

Material: PMMA

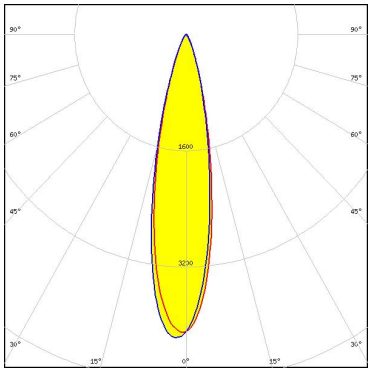
Ledil Oy
Joensuunkatu 13
FIN-24100 SALO
Finland

DRAWN BY: PV	DATE: 05.09.2008	DRAWING TITLE: Datasheet Eva Medium Lens			
CHECKED BY: hh	DATE: 04.09.2008	SIZE: A4	DRAWING NUMBER: C10685		REV: 1.0
DESIGNED BY: HH	DATE: 26.08.2008	SCALE: 2:1	WEIGHT(g):		SHEET: 1/1

PHOTOMETRIC DATA (MEASURED):

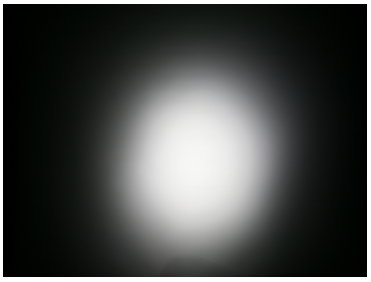
CITIZEN

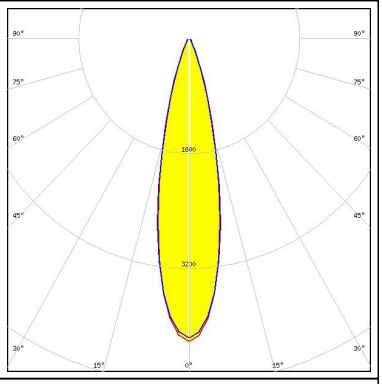
LED	CLU LES 4.2mm (HI-Ver.3)
FWHM	22.0°
Efficiency	89 %
Peak intensity	4.200 cd/lm
Required components:	



CREE

LED	MC-E
FWHM	22.0°
Efficiency	89 %
Peak intensity	3.000 cd/lm
Required components:	



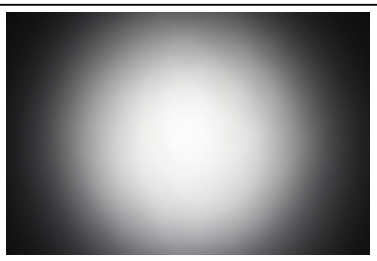


CREE

LED	MHB-A/B
FWHM	25.0°
Efficiency	82 %
Peak intensity	3.630 cd/lm
Required components:	

CREE

LED	XHP35 HI
FWHM	28.0°
Efficiency	78 %
Peak intensity	2.300 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

CREE

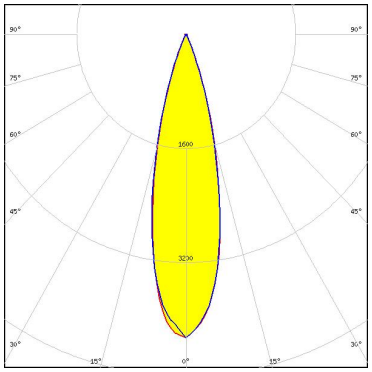
LED	XM-L
FWHM	24.0°
Efficiency	88 %
Peak intensity	cd/lm
Required components:	

CREE

LED	XP-G2
FWHM	24.0°
Efficiency	88 %
Peak intensity	4.200 cd/lm
Required components:	

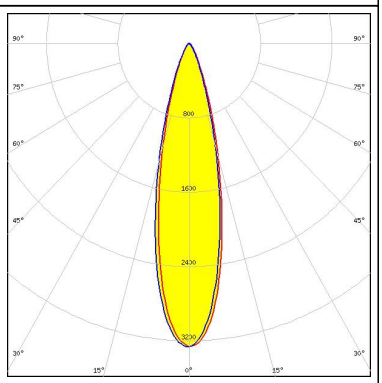
CREE

LED	XT-E
FWHM	24.0°
Efficiency	%
Peak intensity	3.700 cd/lm
Required components:	



LUMILEDS

LED	LUXEON 5050
FWHM	25.0°
Efficiency	85 %
Peak intensity	3.300 cd/lm
Required components:	



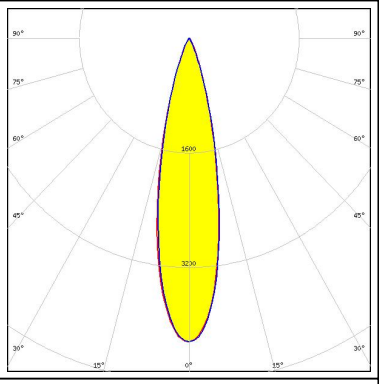
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON M/MX
FWHM	26.0°
Efficiency	89 %
Peak intensity	2.800 cd/lm
Required components:	

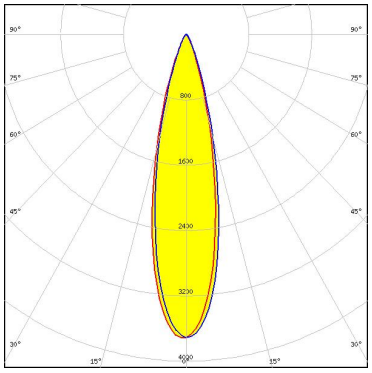
LUMILEDS

LED	LUXEON MZ
FWHM	24.0°
Efficiency	87 %
Peak intensity	4.200 cd/lm
Required components:	



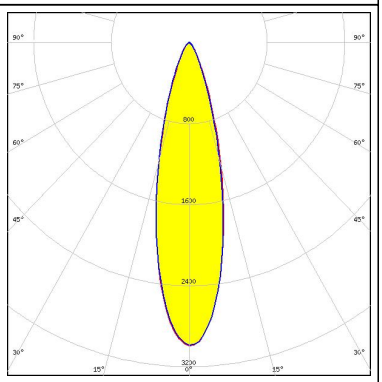
NICHIA

LED	NS9x383
FWHM	24.0°
Efficiency	88 %
Peak intensity	3.700 cd/lm
Required components:	



NICHIA

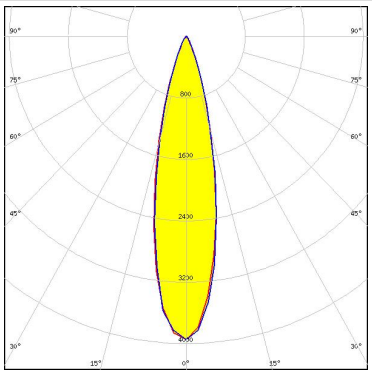
LED	NSMx286M
FWHM	26.0°
Efficiency	88 %
Peak intensity	3.000 cd/lm
Required components:	



PHOTOMETRIC DATA (MEASURED):

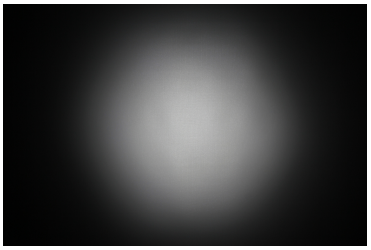
OSRAM
Opto Semiconductors

LED	Duris S8
FWHM	25.0°
Efficiency	86 %
Peak intensity	4.000 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y15
FWHM	24.0°
Efficiency	83 %
Peak intensity	4.270 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y19
FWHM	24.0°
Efficiency	84 %
Peak intensity	4.230 cd/lm
Required components:	

PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XM-L HVW
FWHM	26.0°
Efficiency	%
Peak intensity	cd/lm

Required components:

LUMILEDS

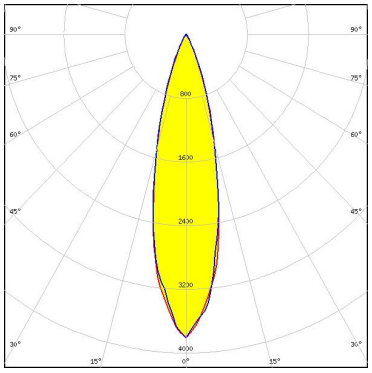
LED	LUXEON 5258
FWHM	24.0°
Efficiency	93 %
Peak intensity	4.300 cd/lm

Required components:

OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM	25.0°
Efficiency	93 %
Peak intensity	3.820 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support
www.ledil.com/
where_to_buy

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy