

EVA-M

~25° medium beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35.0 mm
Height	16.4 mm
Fastening	glue
ROHS compliant	yes ⓘ

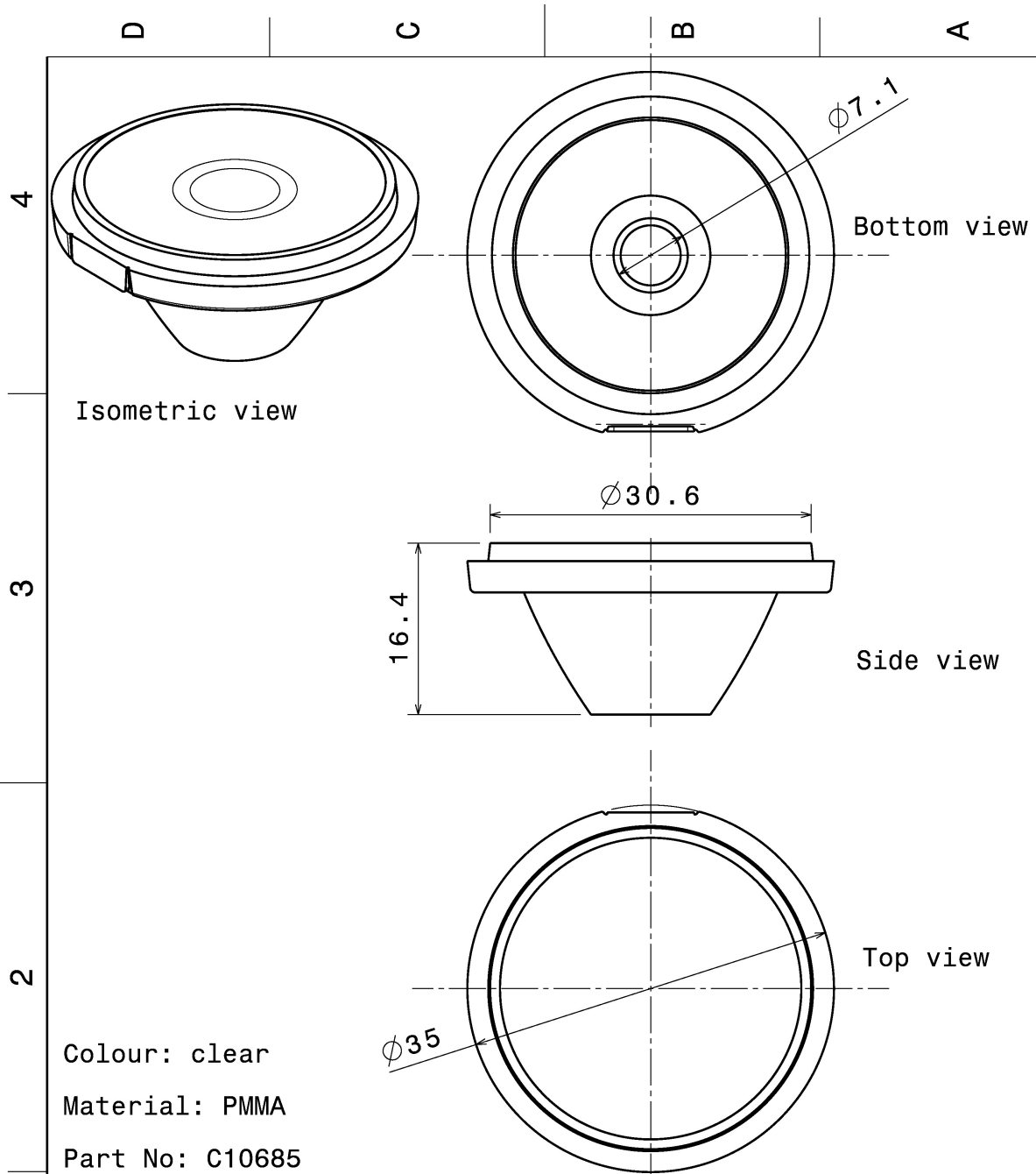
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
EVA-M	Single lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10685_EVA-M » Box size: 480 x 280 x 300 mm	540	90	45	5.8





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FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet Eva Medium Lens

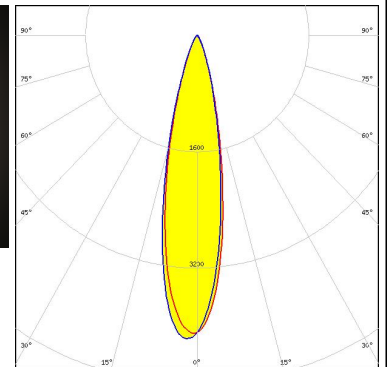
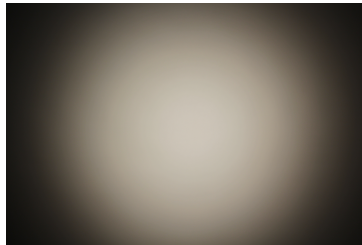
DRAWN BY PV	DATE 05.09.2008	DRAWING TITLE Datasheet Eva Medium Lens			REV 1.0
	CHECKED BY hh	DATE 04.09.2008	SIZE A4	DRAWING NUMBER C10685	
	DESIGNED BY HH	DATE 26.08.2008	SCALE 2:1	WEIGHT (g)	

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

PHOTOMETRIC DATA (MEASURED):

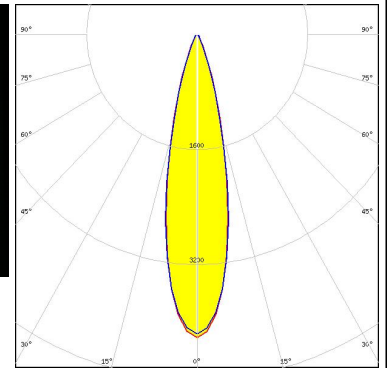
CITIZEN

LED CLU7A2 (LES 4.2mm)
 FWHM / FWTM 22.0° / 44.0°
 Efficiency 89 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



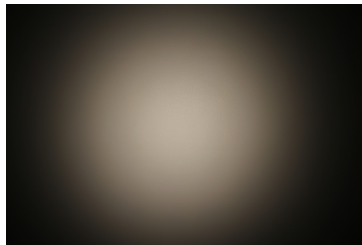
CREE LED

LED MC-E
 FWHM / FWTM 22.0°
 Efficiency 89 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



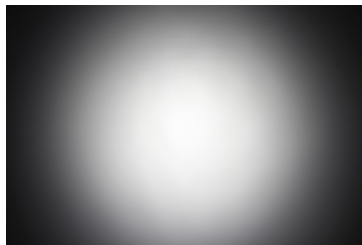
CREE LED

LED MHB-A/B
 FWHM / FWTM 25.0° / 50.0°
 Efficiency 82 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XHP35 HI
 FWHM / FWTM 28.0° / 56.0°
 Efficiency 78 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

CREE LED

LED XM-L
FWHM / FWTM 24.0°
Efficiency 88 %
LEDs/each optic 1
Light colour White
Required components:

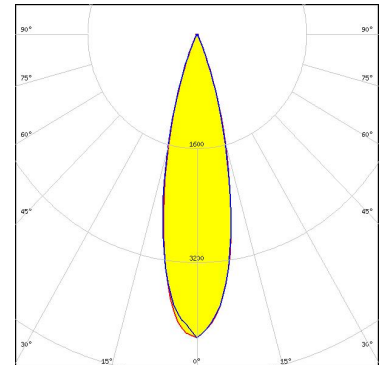
CREE LED

LED XP-G2
FWHM / FWTM 24.0° / 42.0°
Efficiency 88 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



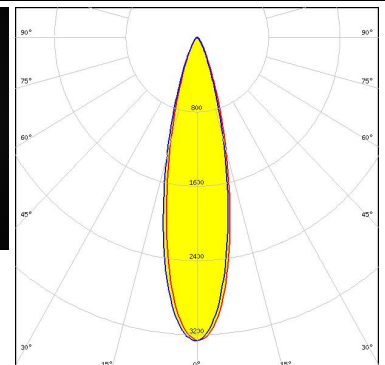
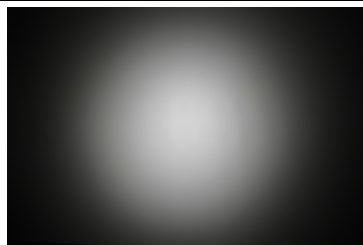
CREE LED

LED XT-E
FWHM / FWTM 24.0°
Efficiency %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON 5050 Round LES
FWHM / FWTM 25.0° / 49.0°
Efficiency 85 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



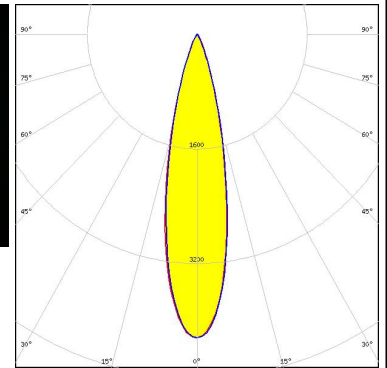
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON M/MX
 FWHM / FWTM 26.0°
 Efficiency 89 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

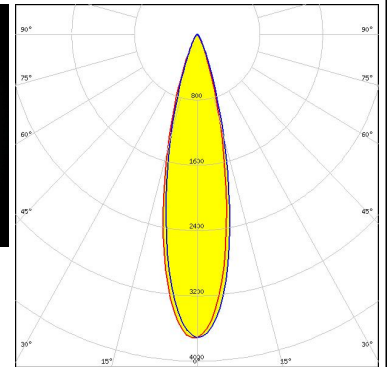
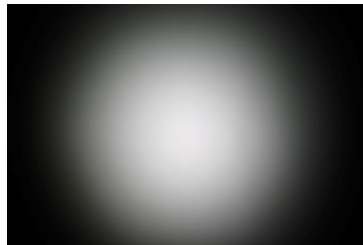
LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 24.0° / 44.0°
 Efficiency 87 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



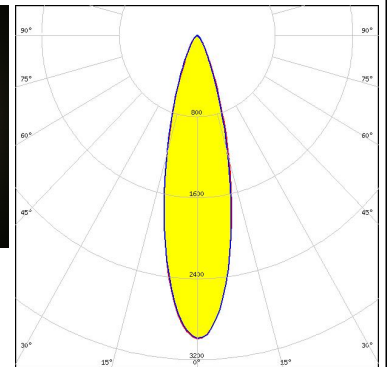
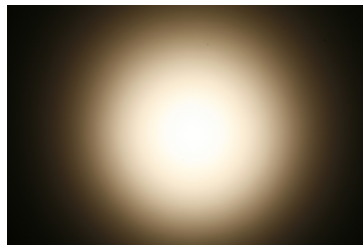
NICHIA

LED NS9x383
 FWHM / FWTM 24.0° / 46.0°
 Efficiency 88 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


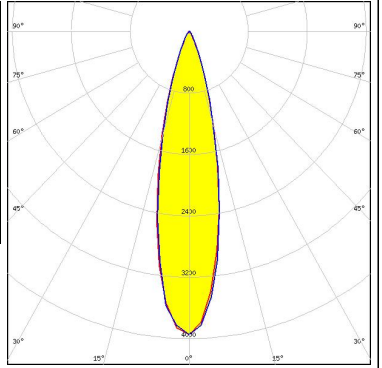

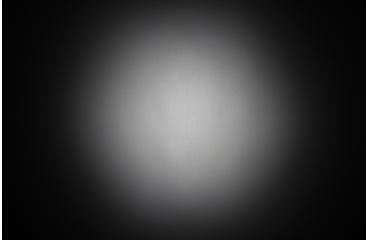


NICHIA

LED NSMx286M
 FWHM / FWTM 26.0° / 52.0°
 Efficiency 88 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



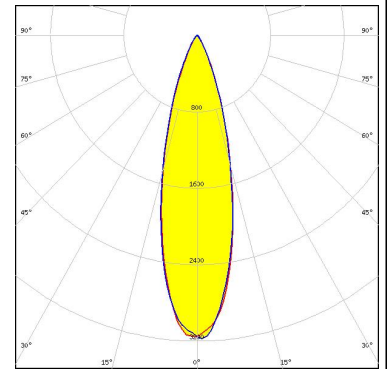
PHOTOMETRIC DATA (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED Duris S8</p> <p>FWHM / FWTM 25.0° / 46.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z8Y15</p> <p>FWHM / FWTM 24.0° / 43.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 4.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z8Y19</p> <p>FWHM / FWTM 24.0° / 43.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 4.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

CITIZEN

LED CLU700/701/702
 FWHM / FWTM 28.0° / 53.0°
 Efficiency 93 %
 Peak intensity 3.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

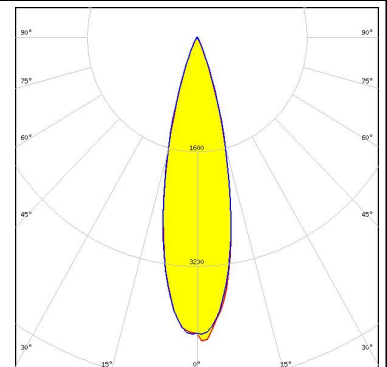
LED XM-L HVW
 FWHM / FWTM 26.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:

LUMILEDS

LED LUXEON 5258
 FWHM / FWTM 24.0° / 44.0°
 Efficiency 93 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

LUMINUS

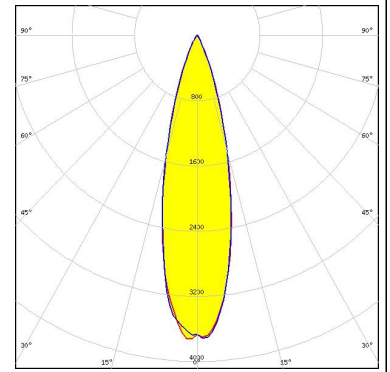
LED CXM-3
 FWHM / FWTM 26.0° / 44.0 + 46.0°
 Efficiency 94 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



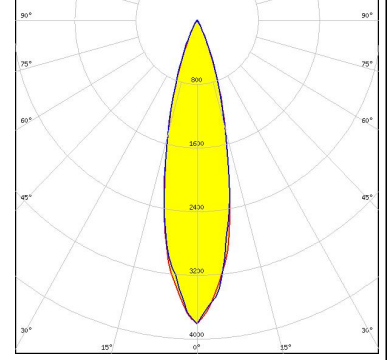
PHOTOMETRIC DATA (SIMULATED):



LED CXM-4
FWHM / FWTM 26.0° / 48.0°
Efficiency 94 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 7070
FWHM / FWTM 25.0° / 46.0°
Efficiency 93 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
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.

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