



**THE DATASHEET OF
C10685_EVA-M**



EVA-M

~25° medium beam

SPECIFICATION:

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

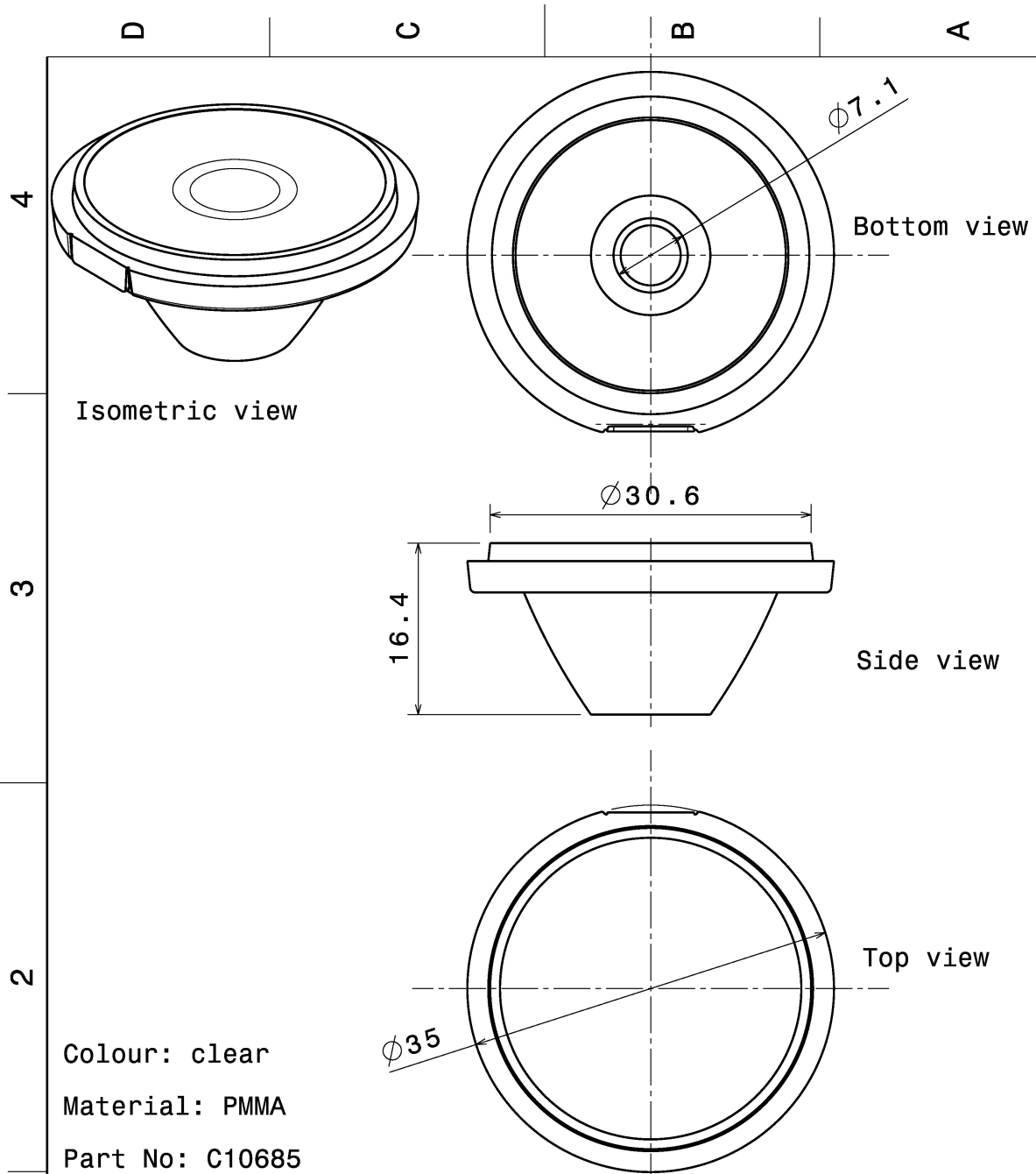


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
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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DRAWING TITLE

Datasheet Eva Medium Lens

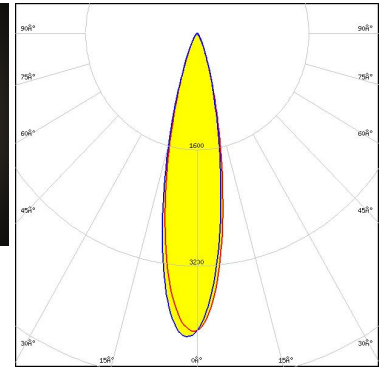
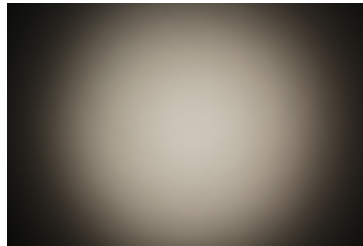
DRAWN BY PV	DATE 05.09.2008	DRAWING TITLE Datasheet Eva Medium Lens		
	CHECKED BY hh	DATE 04.09.2008	SIZE A4	DRAWING NUMBER C10685
DESIGNED BY HH	DATE 26.08.2008	SCALE 2:1	WEIGHT (g)	REV 1.0
			SHEET	1/1

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

OPTICAL RESULTS (MEASURED):

CITIZEN

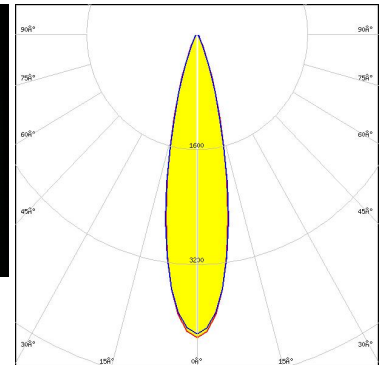
LED CLU7A2/7A3
 FWHM / FWTM 22.0° / 44.0°
 Efficiency 89 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



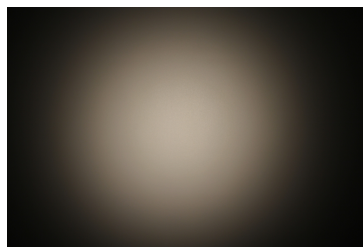
LED MC-E
 FWHM / FWTM 22.0°
 Efficiency 89 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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

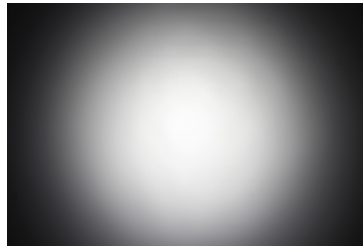


Light distribution files

OPTICAL RESULTS (MEASURED):



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



[Light distribution files](#)



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

[Light distribution files](#)



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

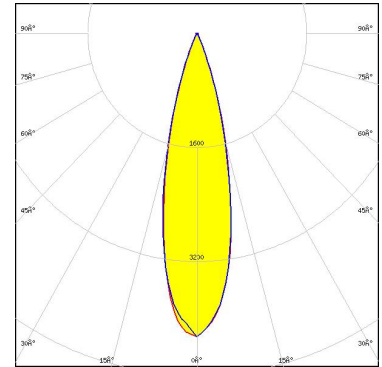


[Light distribution files](#)

OPTICAL RESULTS (MEASURED):



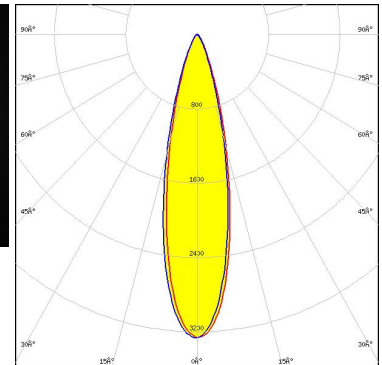
LED XT-E
 FWHM / FWTM 24.0°
 Efficiency %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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/type White
 Required components:



Light distribution files

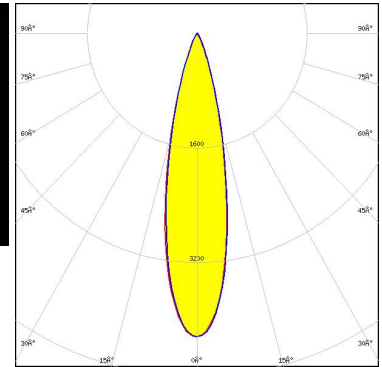


LED LUXEON M/MX
 FWHM / FWTM 26.0°
 Efficiency 89 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

OPTICAL RESULTS (MEASURED):



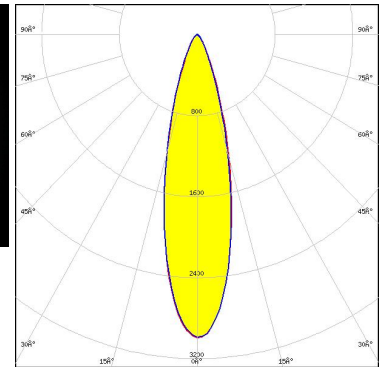
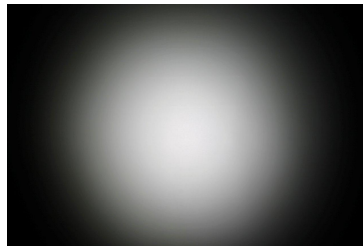
LED LUXEON MZ
FWHM / FWTM 24.0° / 44.0°
Efficiency 87 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



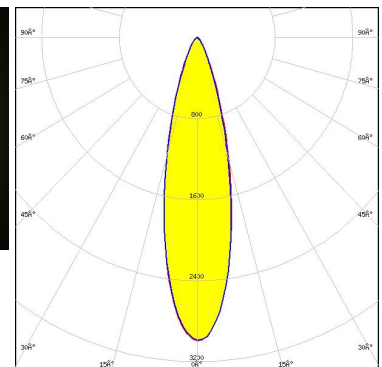
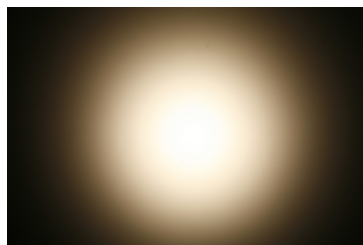
LED NS9x383
FWHM / FWTM 24.0° / 46.0°
Efficiency 88 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

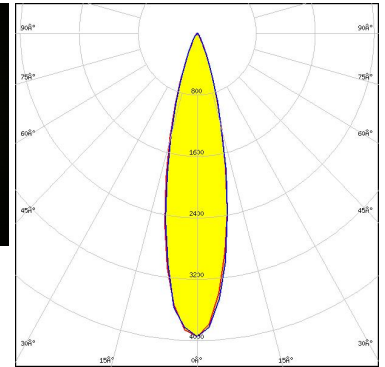


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

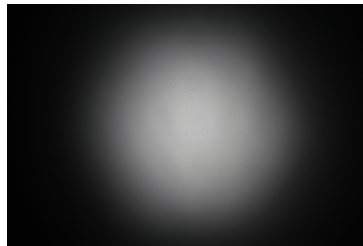
LED Duris S8
 FWHM / FWTM 25.0° / 46.0°
 Efficiency 86 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SEOL
SEOUL SEMICONDUCTOR

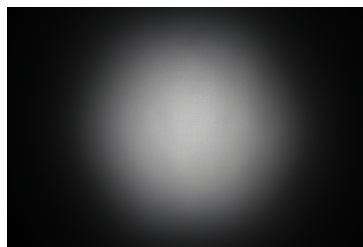
LED Z8Y15
 FWHM / FWTM 24.0° / 43.0°
 Efficiency 83 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SEOL
SEOUL SEMICONDUCTOR

LED Z8Y19
 FWHM / FWTM 24.0° / 43.0°
 Efficiency 84 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

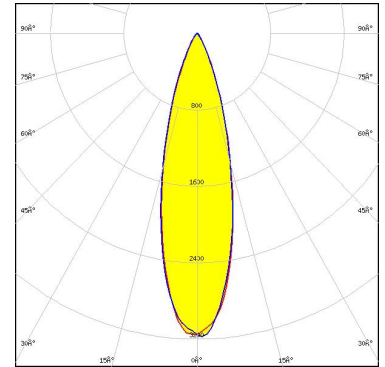


Light distribution files

OPTICAL RESULTS (SIMULATED):

CITIZEN

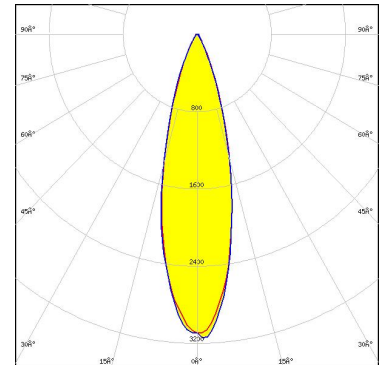
LED CLU700/701/702/703
FWHM / FWTM 28.0° / 53.0°
Efficiency 93 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XHP50.2
FWHM / FWTM 28.0° / 52.0°
Efficiency 95 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

Light distribution files

OPTICAL RESULTS (SIMULATED):

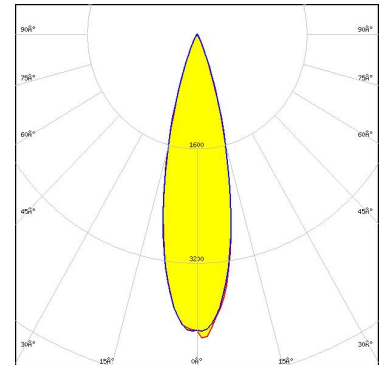


LED	LUXEON 5258
FWHM / FWTM	24.0° / 44.0°
Efficiency	93 %
Peak intensity	4.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



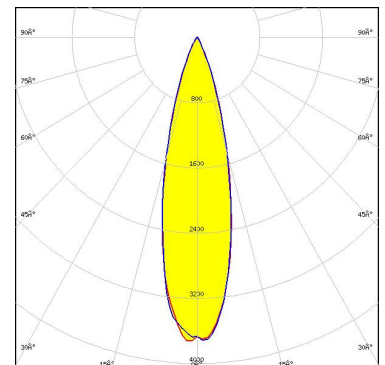
LED	CXM-3
FWHM / FWTM	26.0° / 44.0 + 46.0°
Efficiency	94 %
Peak intensity	4.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



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

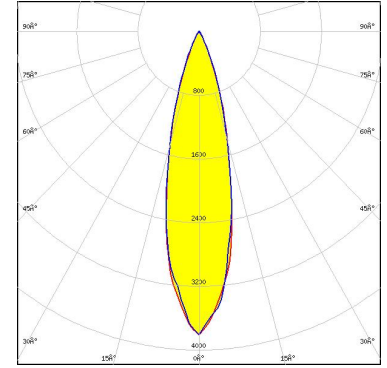


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

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



Light distribution files

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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