

EVA-O

~40° x 15° oval beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35.0 mm
Height	16.4 mm
ROHS compliant	yes ⓘ

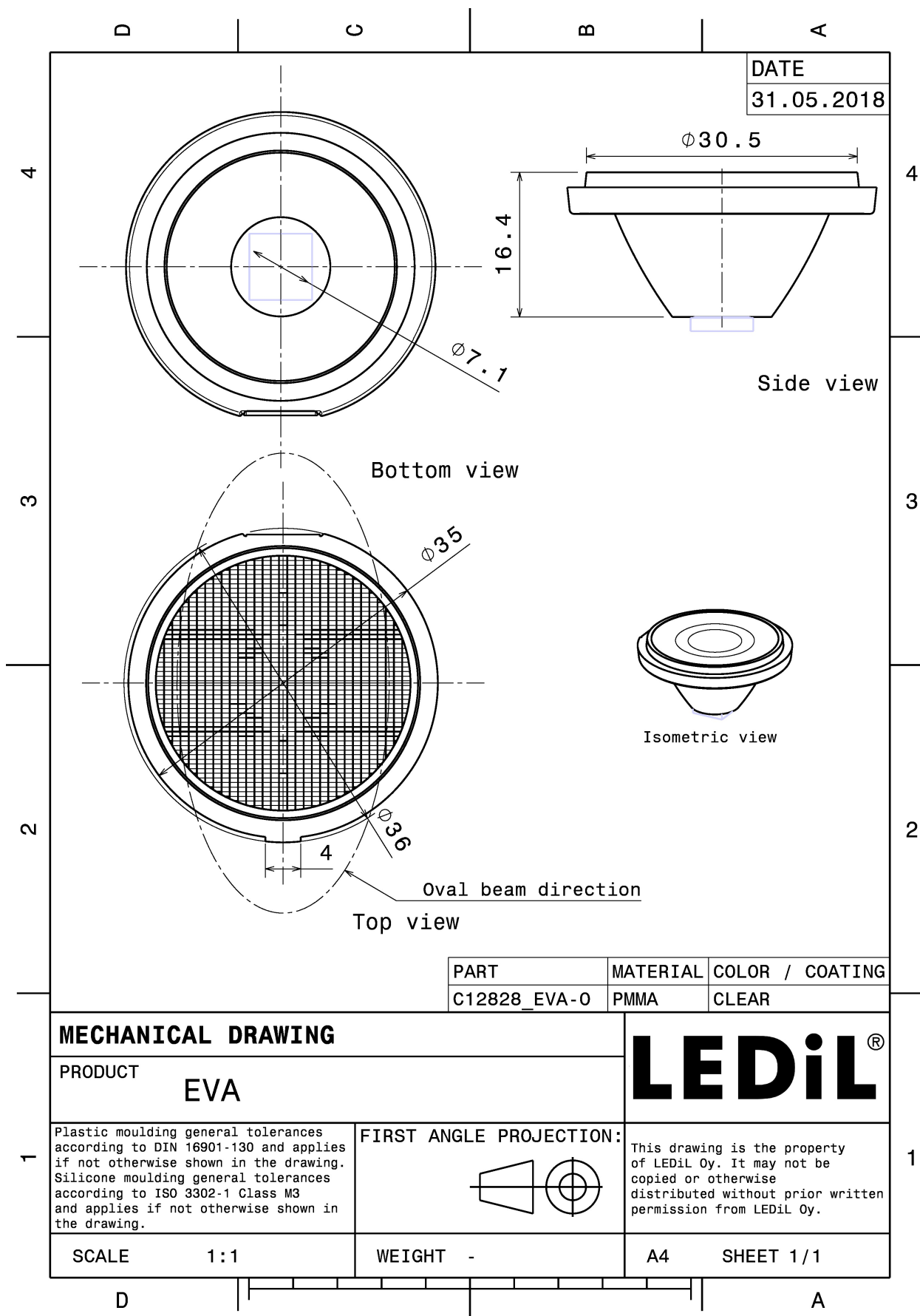
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12828_EVA-O » Box size: 480 x 280 x 300 mm	675	90	45	5.6



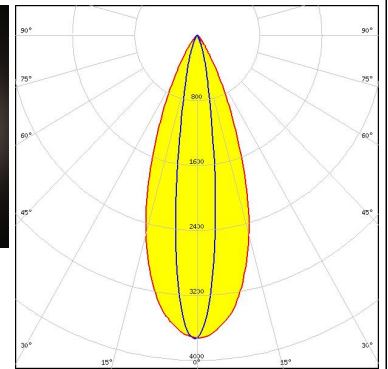


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

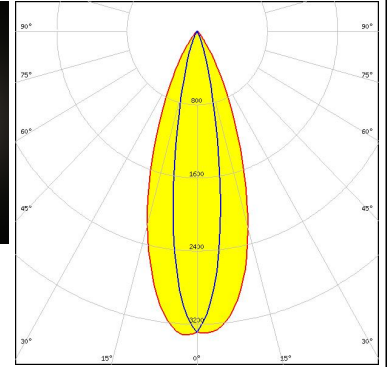
CITIZEN

LED CLU7A2 (LES 4.2mm)
FWHM / FWTM 39.0 + 15.0° / 65.0 + 34.0°
Efficiency 89 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE LED

LED MHB-A/B
FWHM / FWTM 39.0 + 18.0° / 72.0 + 44.0°
Efficiency 81 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



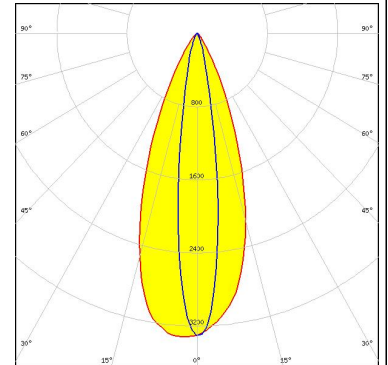
CREE LED

LED XHP35 HI
FWHM / FWTM 39.0 + 21.0° / 74.0 + 50.0°
Efficiency 81 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE LED

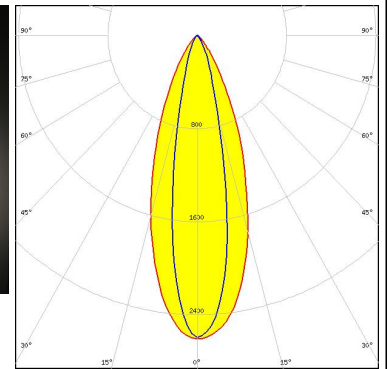
LED XM-L
FWHM / FWTM 15.5 + 39.0° / 32.0 + 63.0°
Efficiency 86 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



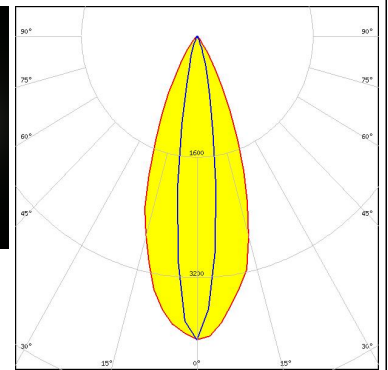
PHOTOMETRIC DATA (MEASURED):



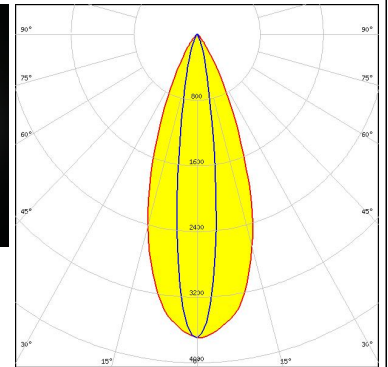
LED LUXEON M/MX
FWHM / FWTM 20.5 + 37.0° / 42.0 + 71.0°
Efficiency 83 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



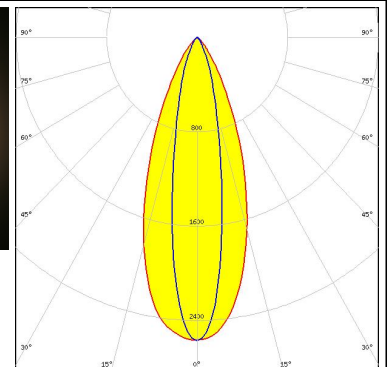
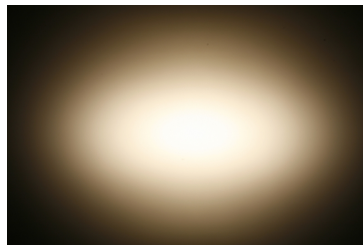
LED LUXEON MZ
FWHM / FWTM 39.0 + 15.0° / 65.0 + 33.0°
Efficiency 86 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NS9x383
FWHM / FWTM 39.0 + 15.0° / 66.0 + 34.0°
Efficiency 87 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NSMx286M
FWHM / FWTM 40.0 + 20.0° / 71.0 + 48.0°
Efficiency 86 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

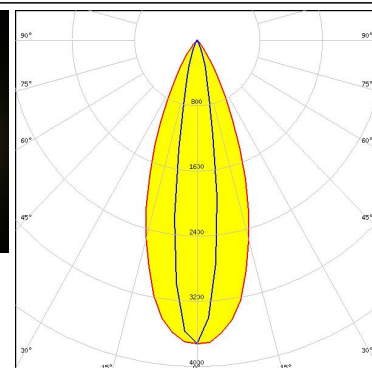
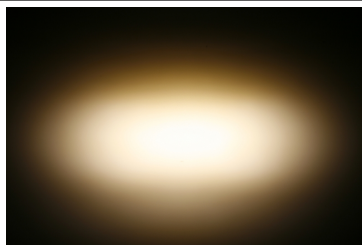


PHOTOMETRIC DATA (MEASURED):

OSRAM

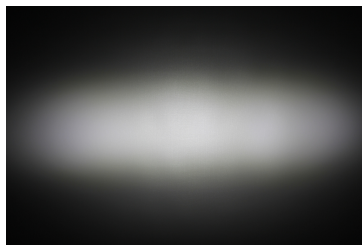
Opto Semiconductors

LED Duris S8
FWHM / FWTM $39.0 + 17.0^\circ / 67.0 + 34.0^\circ$
Efficiency 88 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



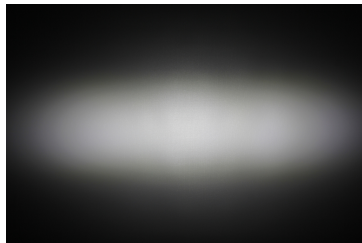
SEOUL SEMICONDUCTOR

LED Z8Y15
FWHM / FWTM $41.0 + 13.0^\circ / 66.0 + 28.0^\circ$
Efficiency 85 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

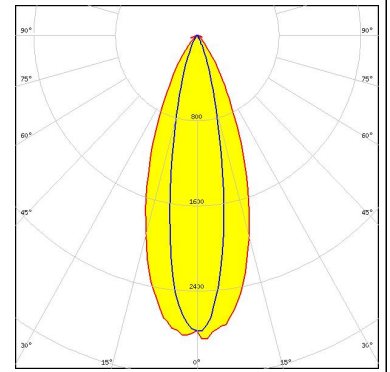
LED Z8Y19
FWHM / FWTM $41.0 + 12.0^\circ / 64.0 + 28.0^\circ$
Efficiency 86 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



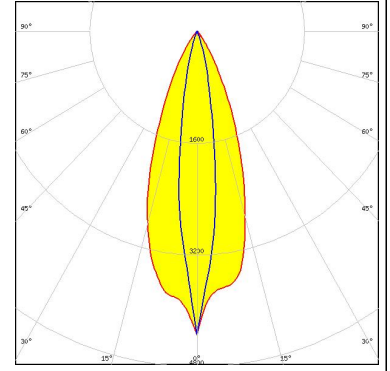
PHOTOMETRIC DATA (SIMULATED):

CITIZEN

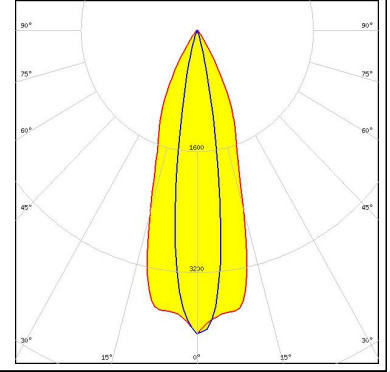
LED CLU700/701/702
FWHM / FWTM 40.0 + 22.0° / 72.0 + 44.0°
Efficiency 92 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



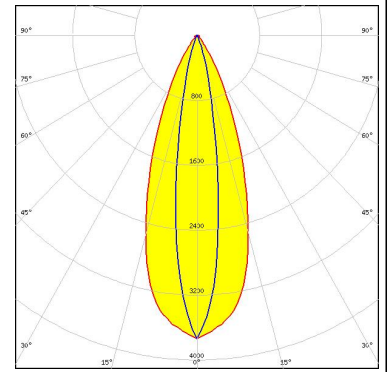
LED MC-E
FWHM / FWTM 16.0 + 40.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2
FWHM / FWTM 17.0 + 34.0° / 30.0 + 65.0°
Efficiency 91 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



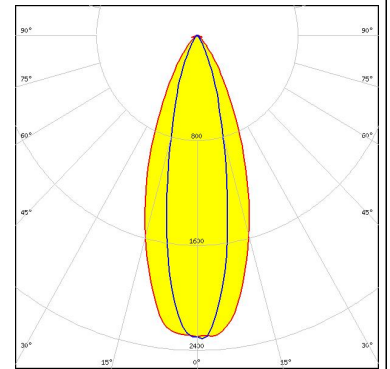
LED LUXEON 5258
FWHM / FWTM 16.0 + 37.0° / 34.0 + 64.0°
Efficiency 91 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



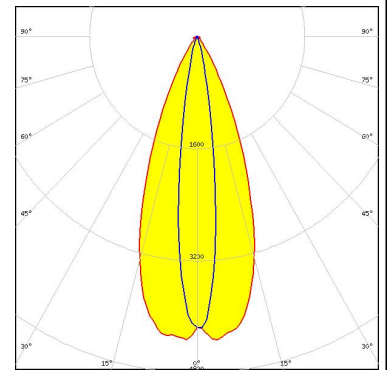
PHOTOMETRIC DATA (SIMULATED):



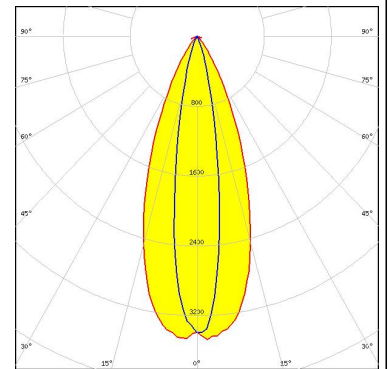
LED LUXEON 7070
FWHM / FWTM 40.0 + 24.0° / 74.0 + 51.0°
Efficiency 88 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



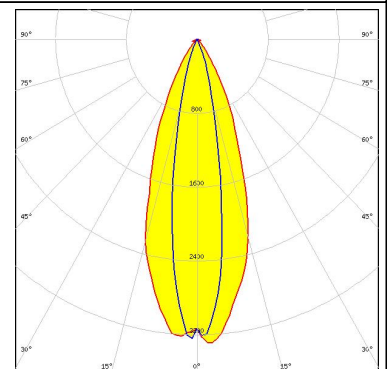
LED CXM-3
FWHM / FWTM 40.0 + 14.0° / 66.0 + 28.0°
Efficiency 94 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED CXM-4
FWHM / FWTM 40.0 + 18.0° / 68.0 + 35.0°
Efficiency 93 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 7070
FWHM / FWTM 19.0 + 37.0° / 38.0 + 67.0°
Efficiency 92 %
Peak intensity 3.3 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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