

EVA-O

~40° x 15° oval beam

SPECIFICATION:

Dimensions	Ø 35.0 mm
Height	16.4 mm
ROHS compliant	yes ⓘ

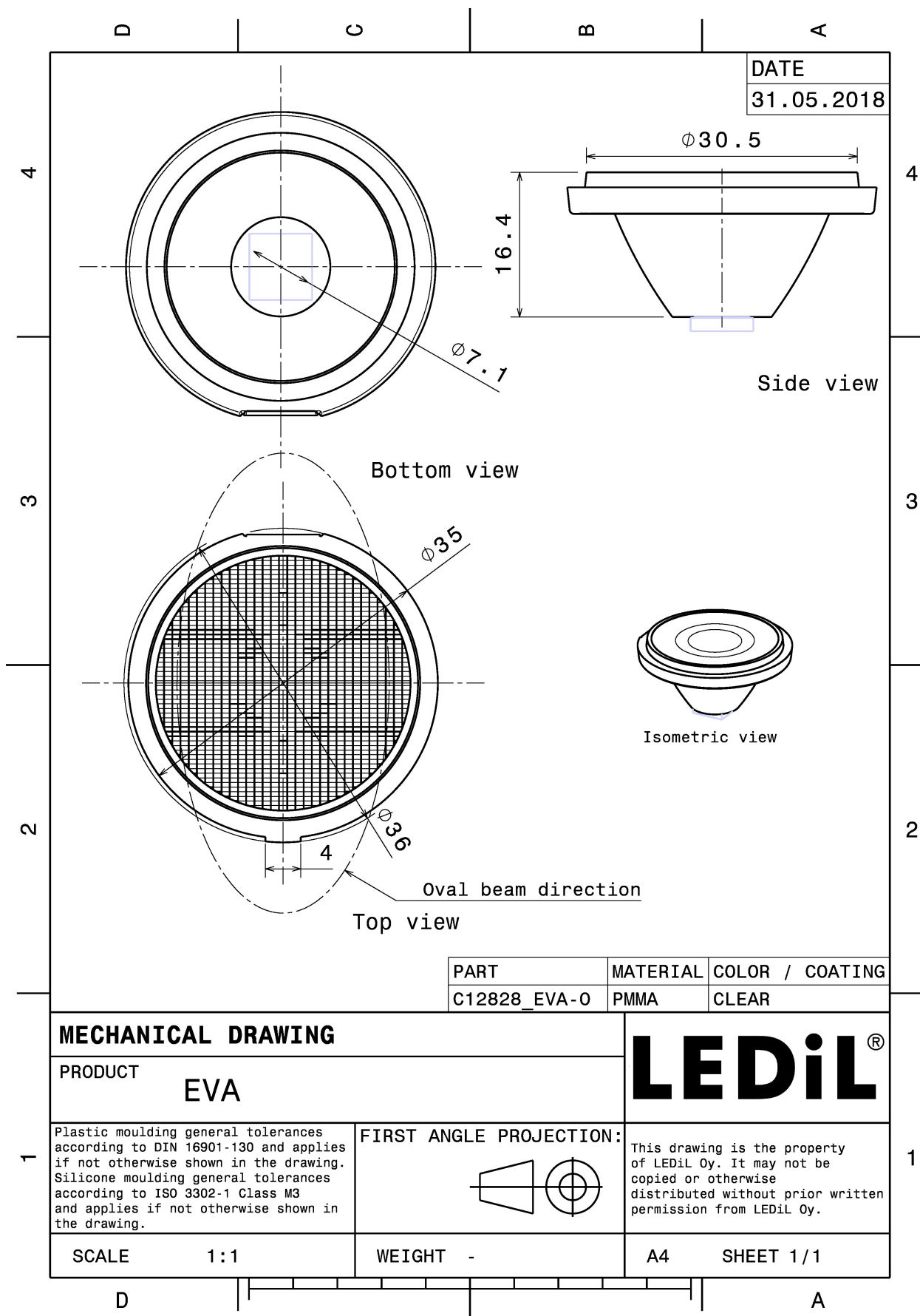
MATERIALS:

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

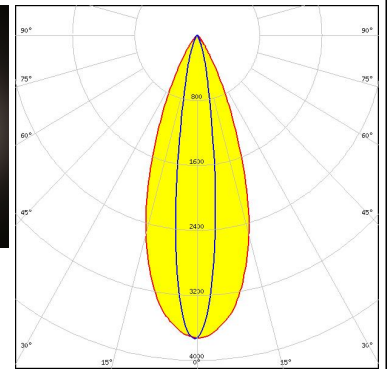
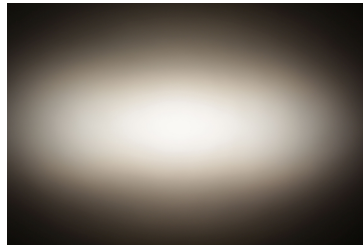


See also our general installation guide: www.ledil.com/installation_guide

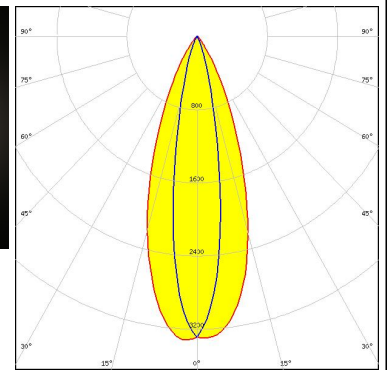
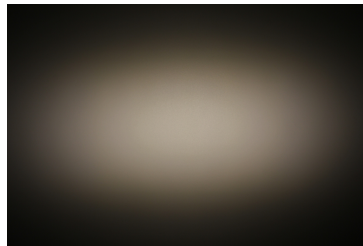
OPTICAL RESULTS (MEASURED):

CITIZEN

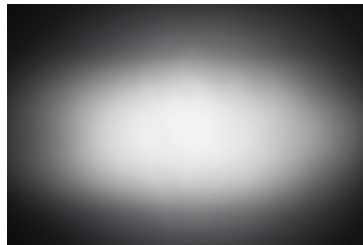
LED CLU7A2/7A3
 FWHM / FWTM 39.0 + 15.0° / 65.0 + 34.0°
 Efficiency 89 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



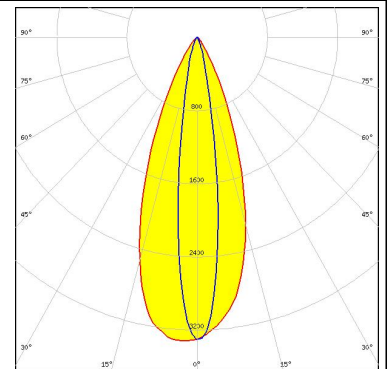
LED MHB-A/B
 FWHM / FWTM 39.0 + 18.0° / 72.0 + 44.0°
 Efficiency 81 %
 Peak intensity 3.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



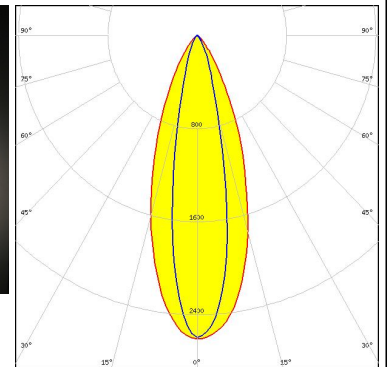
LED XM-L
 FWHM / FWTM 15.5 + 39.0° / 32.0 + 63.0°
 Efficiency 86 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



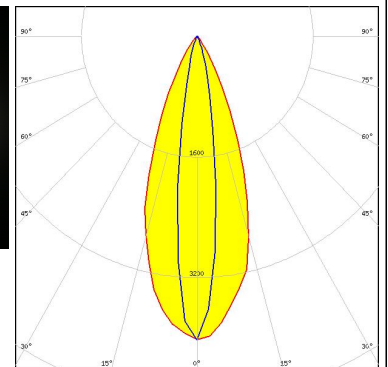
OPTICAL RESULTS (MEASURED):



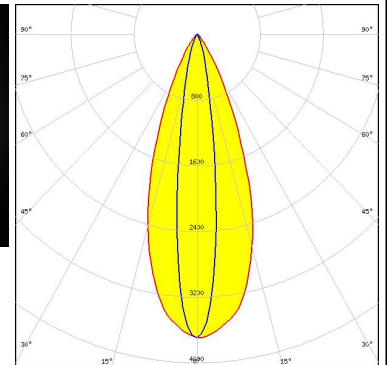
LED LUXEON M/MX
FWHM / FWTM 20.5 + 37.0° / 42.0 + 71.0°
Efficiency 83 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



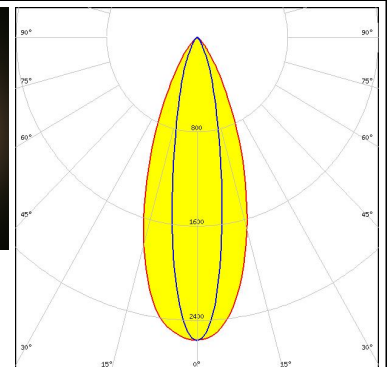
LED LUXEON MZ
FWHM / FWTM 39.0 + 15.0° / 65.0 + 33.0°
Efficiency 86 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:

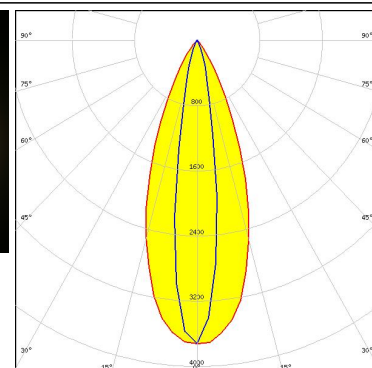
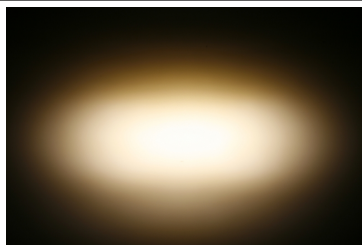


OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

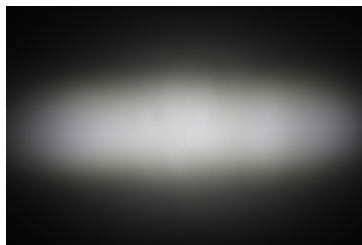
LED Duris S8
FWHM / FWTM 39.0 + 17.0° / 67.0 + 34.0°
Efficiency 88 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL

SEOUL SEMICONDUCTOR

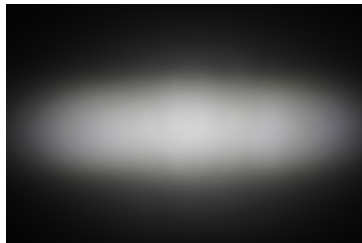
LED Z8Y15
FWHM / FWTM 41.0 + 13.0° / 66.0 + 28.0°
Efficiency 85 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL

SEOUL SEMICONDUCTOR

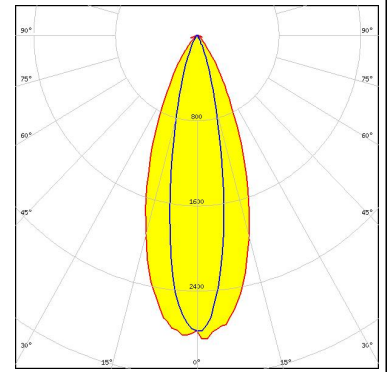
LED Z8Y19
FWHM / FWTM 41.0 + 12.0° / 64.0 + 28.0°
Efficiency 86 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



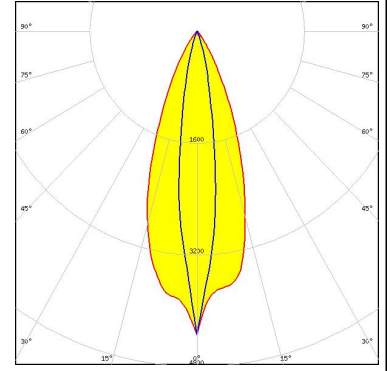
OPTICAL RESULTS (SIMULATED):

CITIZEN

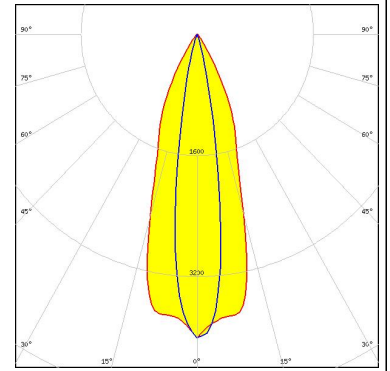
LED CLU700/701/702/703
FWHM / FWTM 40.0 + 22.0° / 72.0 + 44.0°
Efficiency 92 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



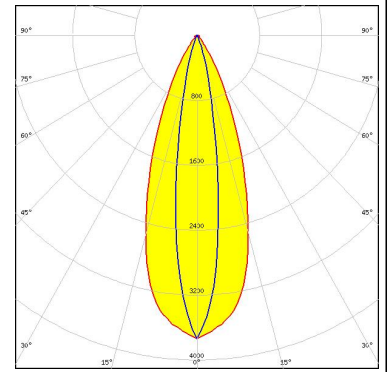
LED MC-E
FWHM / FWTM 16.0 + 40.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



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:



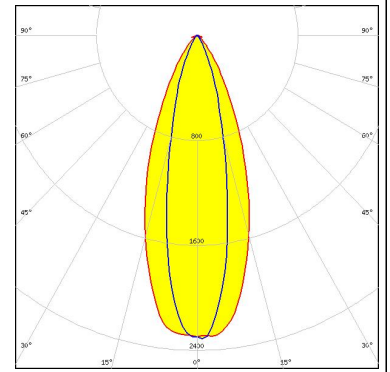
LED LUXEON 5258
FWHM / FWTM 16.0 + 37.0° / 34.0 + 64.0°
Efficiency 91 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



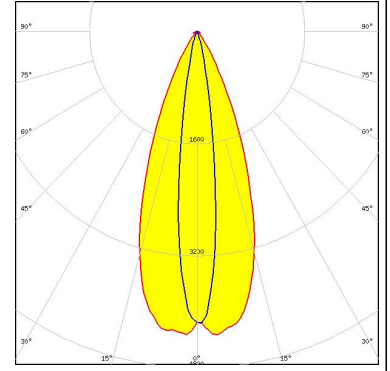
OPTICAL RESULTS (SIMULATED):



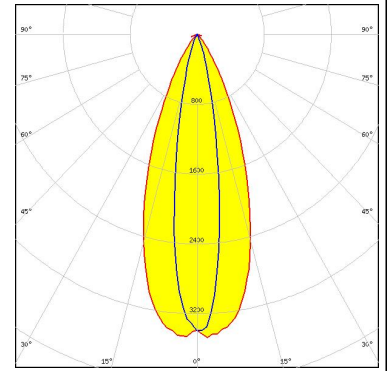
LED LUXEON 7070
FWHM / FWTM 40.0 + 24.0° / 74.0 + 51.0°
Efficiency 88 %
Peak intensity 2.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



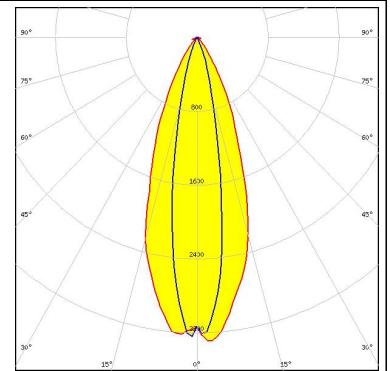
LED CXM-3
FWHM / FWTM 40.0 + 14.0° / 66.0 + 28.0°
Efficiency 94 %
Peak intensity 4.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED CXM-4
FWHM / FWTM 40.0 + 18.0° / 68.0 + 35.0°
Efficiency 93 %
Peak intensity 3.5 cd/Im
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/Im
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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