

EVA-D

~16° diffused spot beam

SPECIFICATION:

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

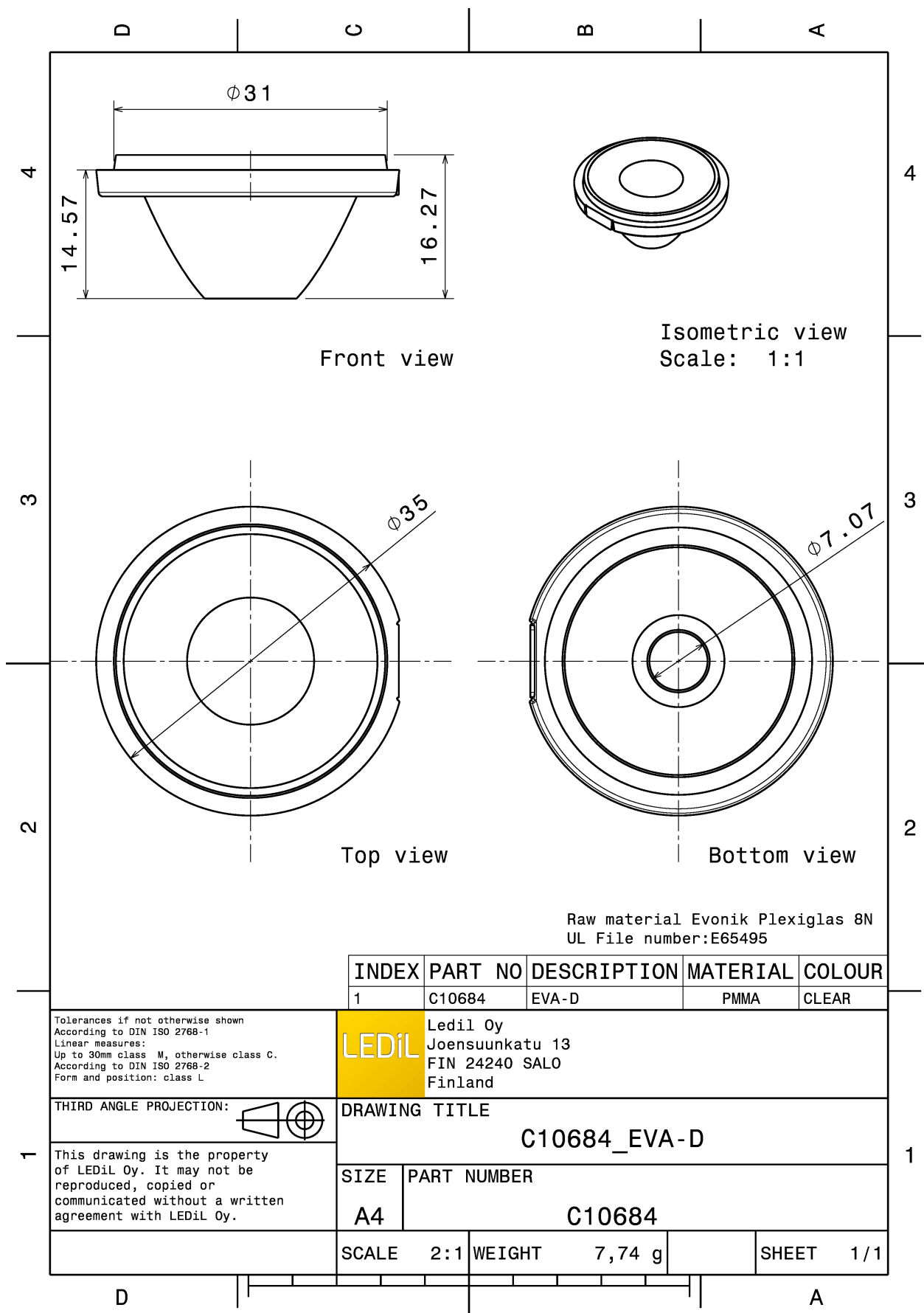
MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10684_EVA-D	540	90	45	4.0
» Box size:				



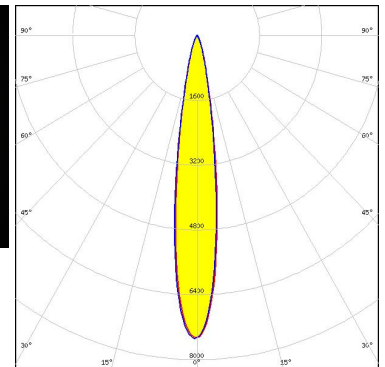


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CITIZEN

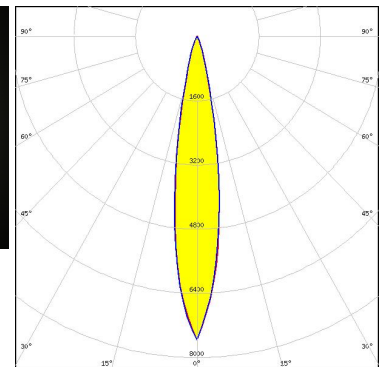
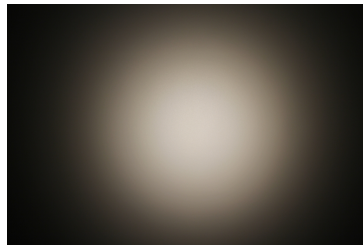
LED CLU7A2/7A3
FWHM / FWTM 16.0° / 33.0°
Efficiency 92 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



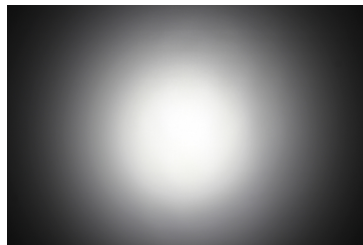
LED MC-E
FWHM / FWTM 16.0°
Efficiency 92 %
Peak intensity 6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED MHB-A/B
FWHM / FWTM 19.0° / 40.0°
Efficiency 83 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP35 HI
FWHM / FWTM 22.0° / 46.0°
Efficiency 79 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):



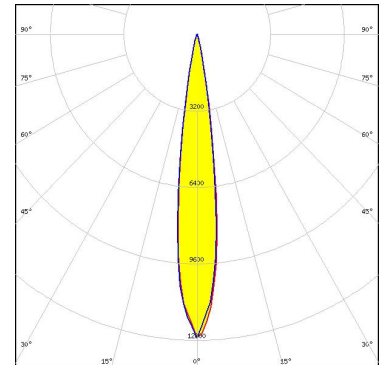
LED XM-L
FWHM / FWTM 16.0°
Efficiency 91 %
LEDs/each optic 1
Light colour White
Required components:



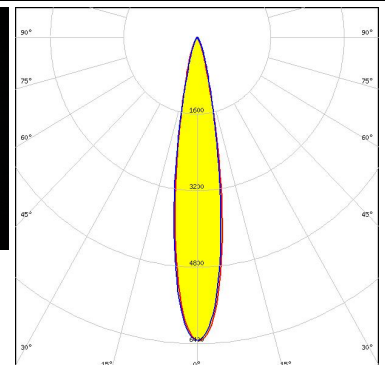
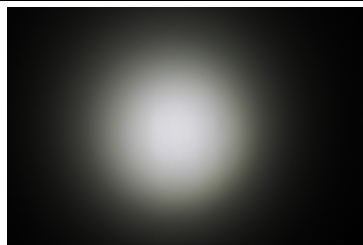
LED XP-G2
FWHM / FWTM 16.0° / 30.0°
Efficiency 87 %
LEDs/each optic 1
Light colour White
Required components:



LED XT-E
FWHM / FWTM 14.0°
Efficiency %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON 5050 Round LES
FWHM / FWTM 18.0° / 35.0°
Efficiency 91 %
Peak intensity 6.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



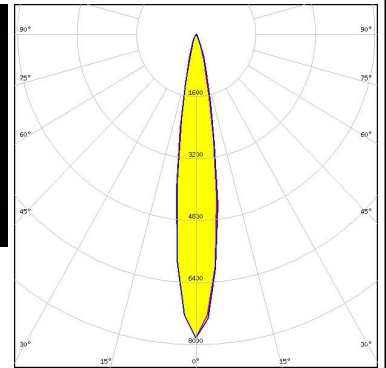
OPTICAL RESULTS (MEASURED):

LUMILEDS

LED LUXEON M/MX
FWHM / FWTM 21.0°
Efficiency 90 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

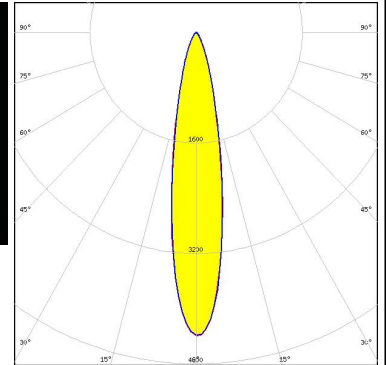
LUMILEDS

LED LUXEON MZ
FWHM / FWTM 16.0° / 33.0°
Efficiency 88 %
Peak intensity 7.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



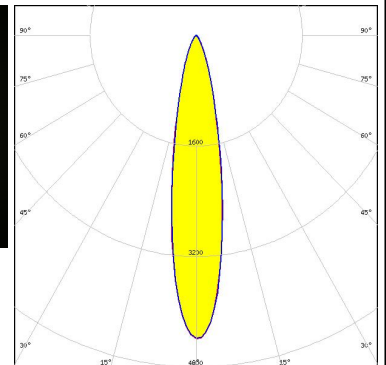
NICHIA

LED NS9x383
FWHM / FWTM 16.0° / 34.0°
Efficiency 89 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

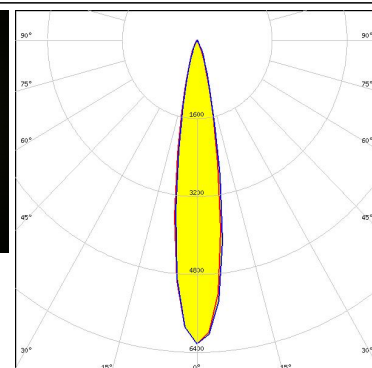
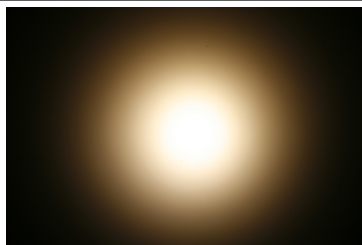
LED NSMx286M
FWHM / FWTM 20.0° / 44.0°
Efficiency 91 %
Peak intensity 4.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

OSRAM Opto Semiconductors

LED Duris S8
FWHM / FWTM 18.0° / 36.0°
Efficiency 84 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



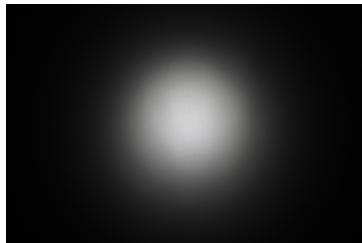
SEOUL SEMICONDUCTOR

LED Z8Y15
FWHM / FWTM 13.0° / 28.0°
Efficiency 86 %
Peak intensity 11.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

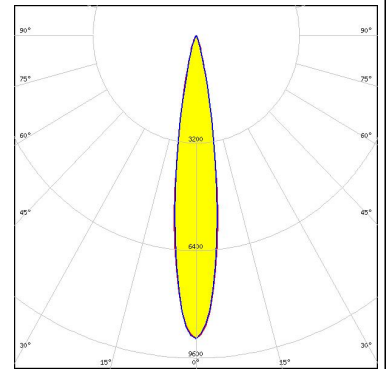
LED Z8Y19
FWHM / FWTM 13.0° / 28.0°
Efficiency 87 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour White
Required components:



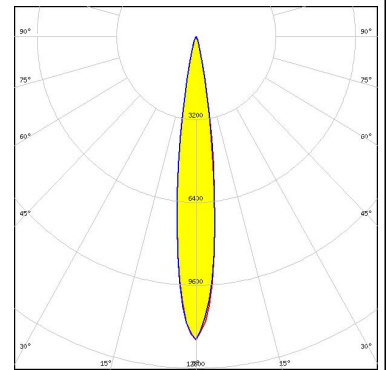
OPTICAL RESULTS (SIMULATED):



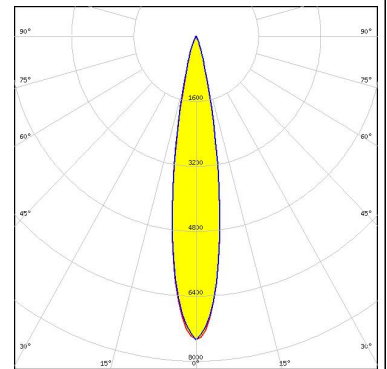
LED LUXEON 5258
FWHM / FWTM 17.0° / 30.0°
Efficiency 92 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



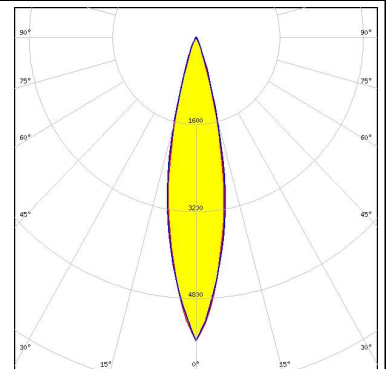
LED CXM-3
FWHM / FWTM 14.0° / 26.0°
Efficiency 95 %
Peak intensity 11.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED CXM-4
FWHM / FWTM 18.0° / 34.0°
Efficiency 95 %
Peak intensity 7.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



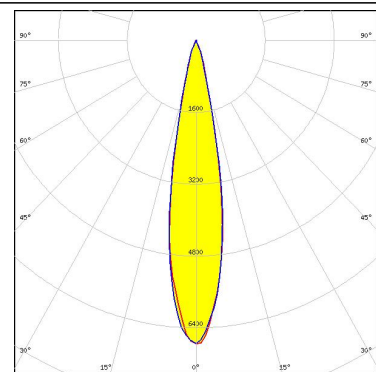
LED NFMW48xA
FWHM / FWTM 22.0° / 39.0°
Efficiency 96 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	20.0° / 33.0°
Efficiency	94 %
Peak intensity	6.9 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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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