

## EVA-D

~16° diffused spot beam

### TECHNICAL SPECIFICATIONS:

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

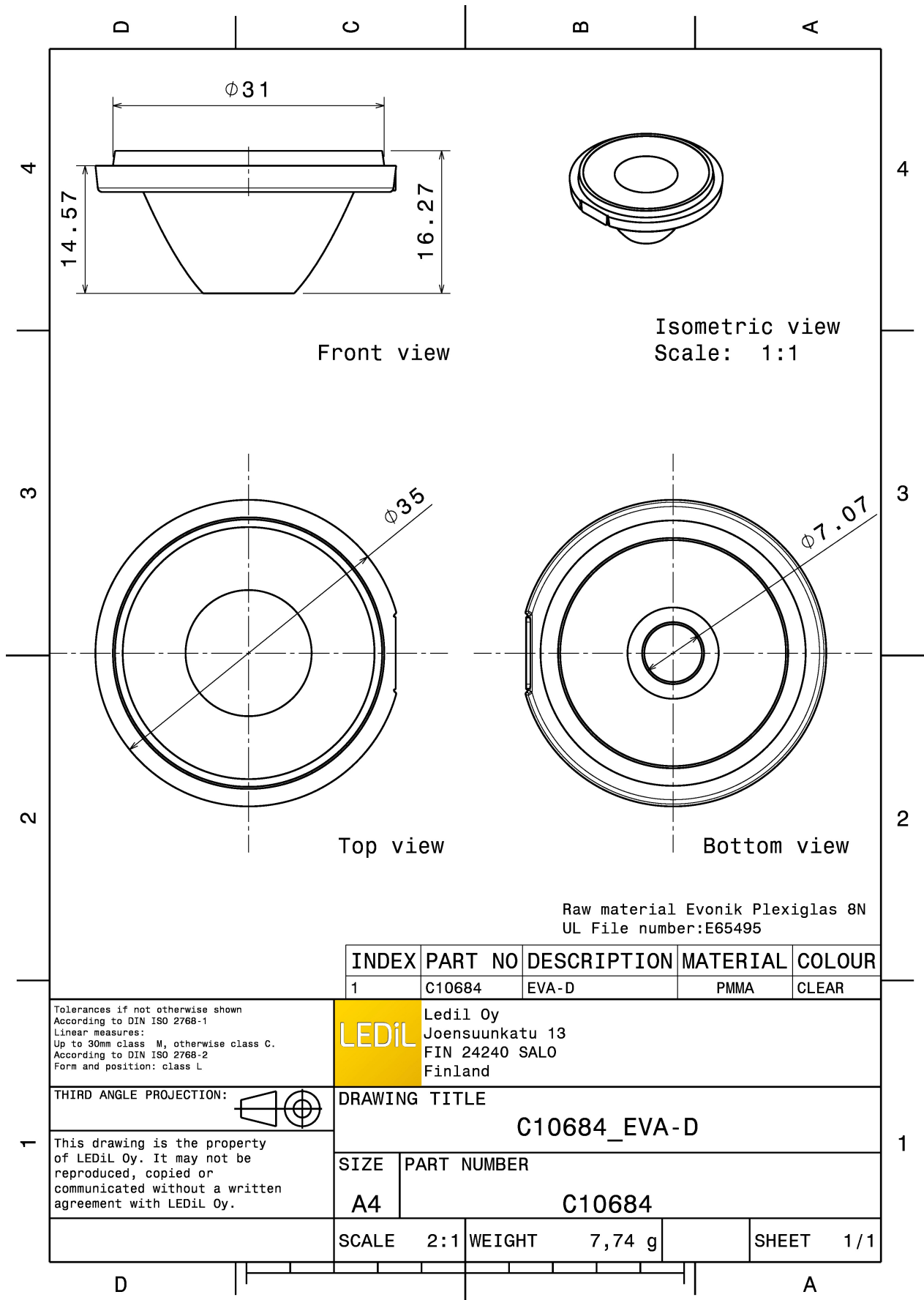
### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

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



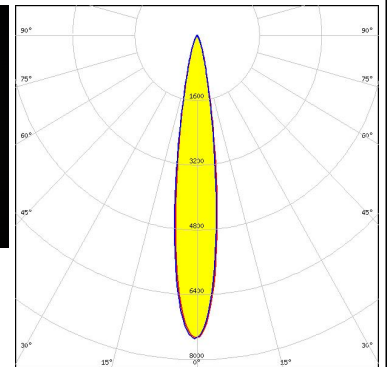


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):

#### CITIZEN

LED CLU7A2 (LES 4.2mm)  
 FWHM / FWTM 16.0° / 33.0°  
 Efficiency 92 %  
 Peak intensity 7.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

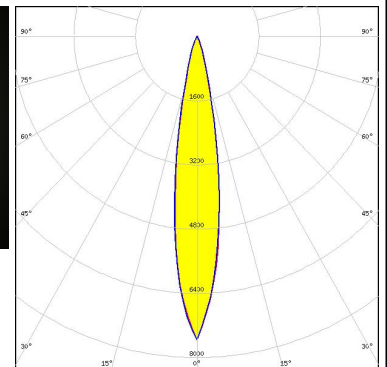
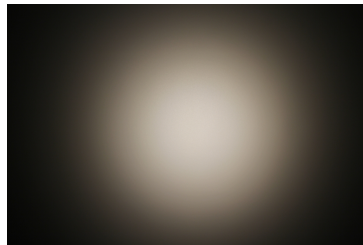


#### CREE → LED

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

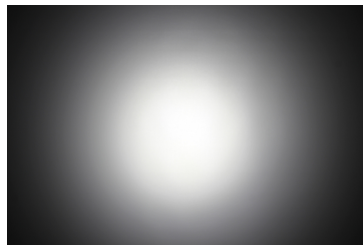
#### CREE → LED

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:



#### CREE → LED

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:



### PHOTOMETRIC DATA (MEASURED):

#### CREE LED

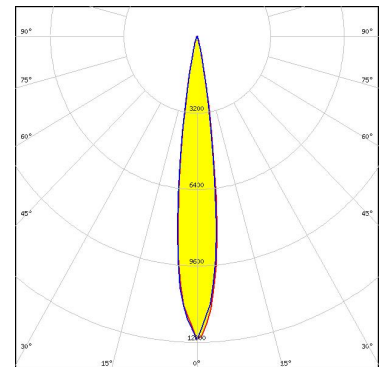
LED XM-L  
 FWHM / FWTM 16.0°  
 Efficiency 91 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### CREE LED

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

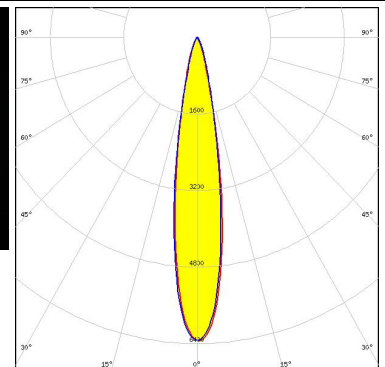
#### CREE LED

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



#### LUMILEDS

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:



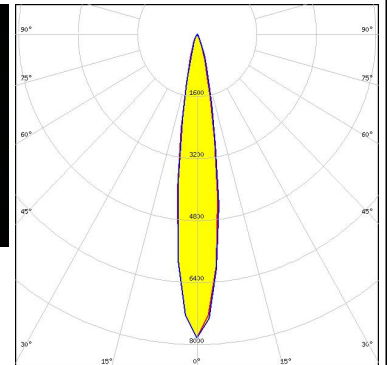
### PHOTOMETRIC DATA (MEASURED):

#### 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:

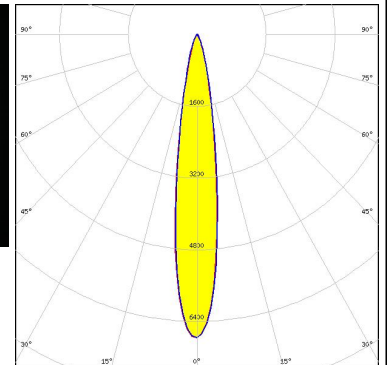
#### LUMILEDS

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:



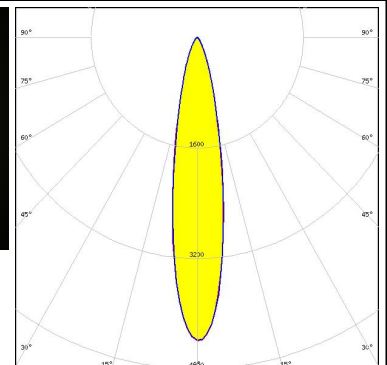
#### NICHIA

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

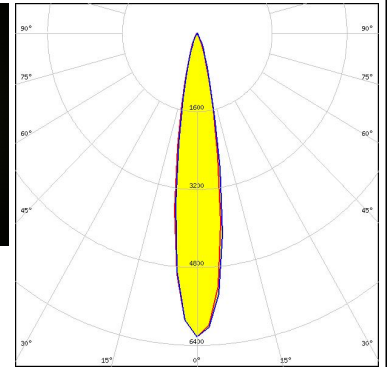
LED NSMx286M  
 FWHM / FWTM 20.0° / 44.0°  
 Efficiency 91 %  
 Peak intensity 4.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (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:



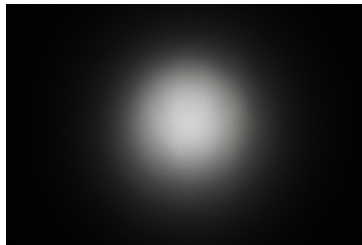
#### SEOUL SEMICONDUCTOR

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

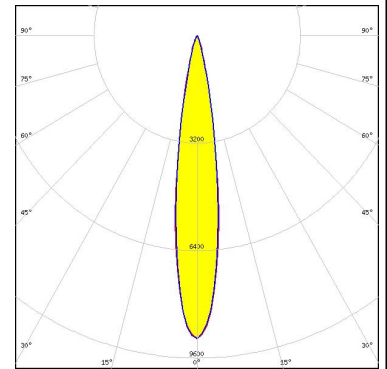
LED Z8Y19  
 FWHM / FWTM 13.0° / 28.0°  
 Efficiency 87 %  
 Peak intensity 11 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (SIMULATED):

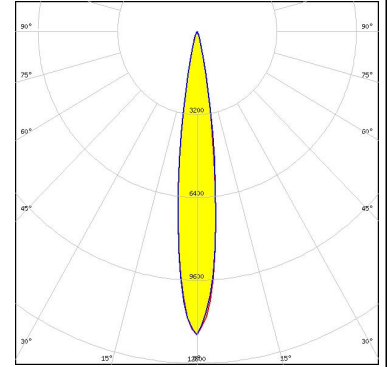
#### LUMILEDS

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:



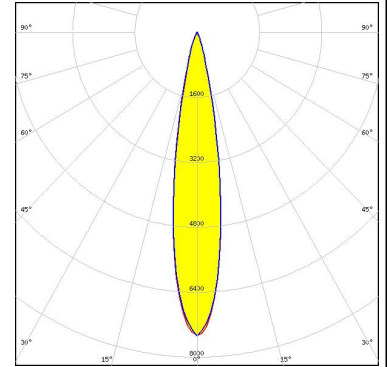
#### LUMINUS

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:



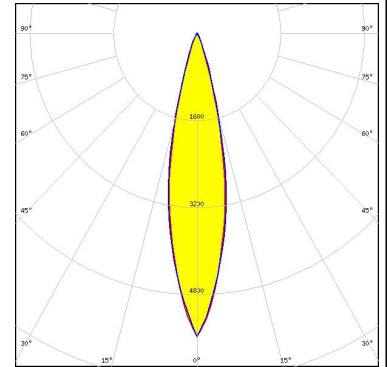
#### LUMINUS

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:



#### NICHIA

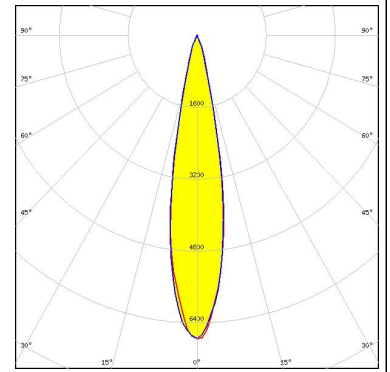
LED NFMW48xA  
 FWHM / FWTM 22.0° / 39.0°  
 Efficiency 96 %  
 Peak intensity 5.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (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:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [LED Lighting Lenses](#) category:*

*Click to view products by [Ledil](#) manufacturer:*

Other Similar products are found below :

[LL01ED-AK40L06](#) [LL01ZZ-EX25L06-M2](#) [180182-0000](#) [LL01ED-ALI55R49](#) [C14707\\_IDA16-O](#) [C12231\\_LENA-FRESNEL-LENS](#)  
[LL01ED-AKY24R49](#) [LL01CR-AYG15R49](#) [LL01CR-OT32L06-M2](#) [LL01ZZ-AAA24L49](#) [LL01CR-CEN38L02](#) [LL01ZZ-AAA55L49](#)  
[LL01CR-AYG24R49](#) [LL01A00CZMB2-M2](#) [LL01ED-AKY38R49](#) [LL01CR-CNE2545L06-M2](#) [LL01ZZ-AAA38L49](#) [LL01ED-AKV36R49](#)  
[LL01ED-ALI24R49](#) [LL01CR-AYG38R49](#) [C17171\\_DAISSY-8X1-SHD-MATT](#) [F16859\\_LINDA-ZT25](#) [C17295\\_ILONA-ZOOM](#)  
[F16636\\_LINDA-W60](#) [C17362\\_DAISSY-7X1-W-D](#) [C17361\\_DAISSY-7X1-WW-D](#) [10003](#) [10003/15](#) [10048](#) [10049](#) [10108](#) [10510](#)  
[F14487\\_FLORENCE-1R-MAXI-WG](#) [12667](#) [C14165\\_STRADA-2X2-ME-WIDE2](#) [C14605\\_HB-2X2-RW](#) [C14642\\_FLORENCE-1R-UP](#)  
[CAY033](#) [CAY046/55](#) [FCX11157\\_RES-O-90](#) [OS-LRI2015X45S](#) [OSOLRA2015M](#) [PG1C-NX36](#) [PG1C-SX17](#) [PM2A-SXV1](#) [PM2B-NX55-](#)  
[AW](#) [PM6A-FN25](#) [FC2231-0000-0050-L](#) [FC2231-0000-0100-L](#) [C14116\\_STRADA-2X2-PX](#)