EVA-W

~40° wide beam

SPECIFICATION:

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

MATERIALS:

Component	Type	Material	Colour	Finish	Length
EVA-W	Single lens	PMMA	clear		35.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10686_EVA-W » Box size: 480 x 280 x 300 mm	540	90	45	5.5

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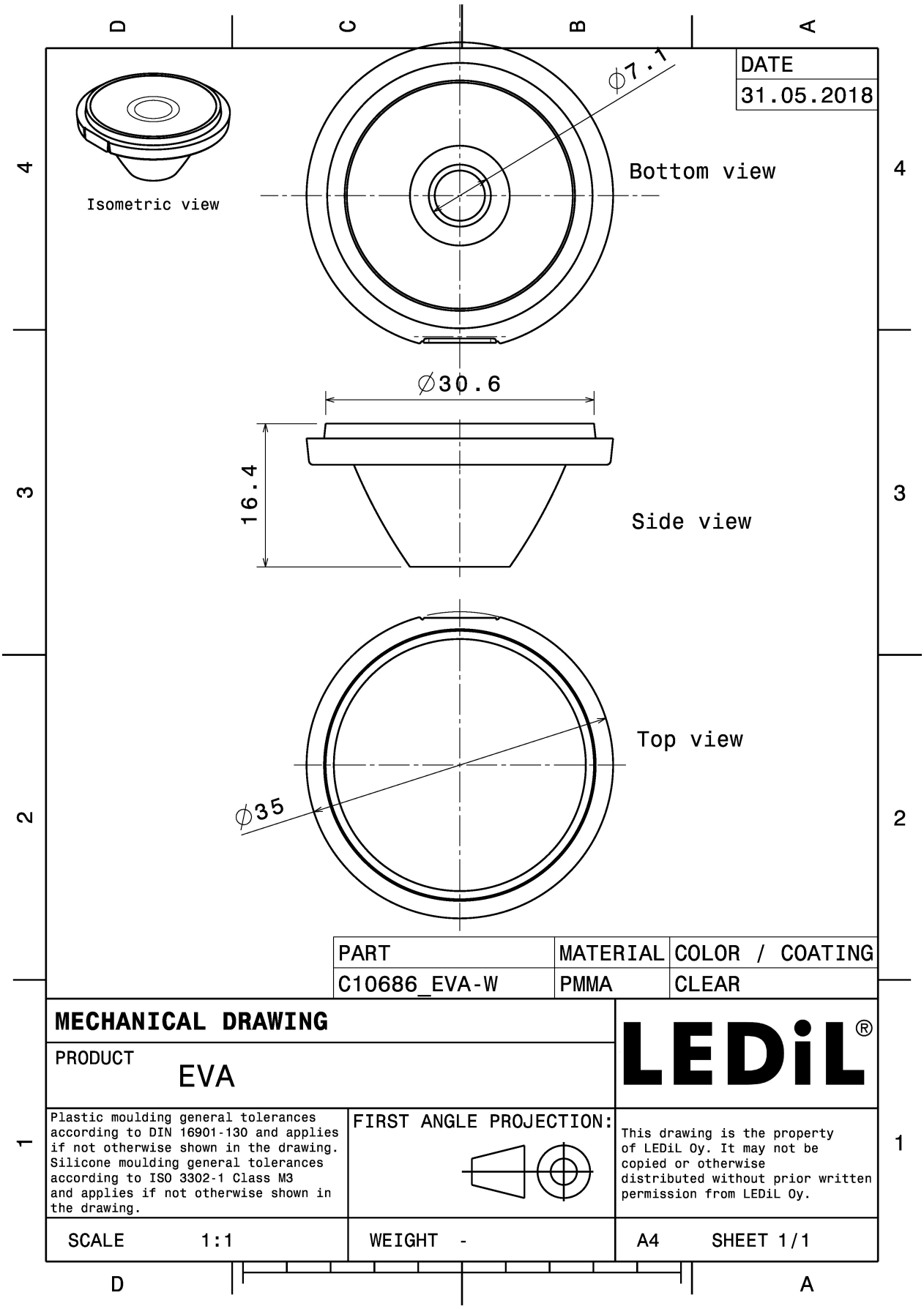

PART	MATERIAL	COLOR / COATING
C10686_EVA-W	PMMA	CLEAR

MECHANICAL DRAWING

PRODUCT EVA

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

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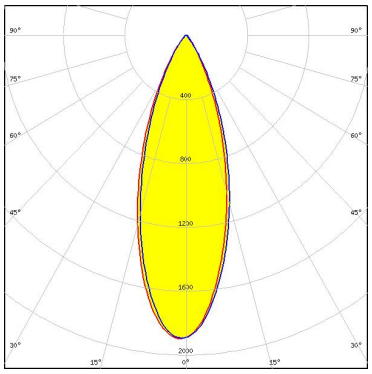
SCALE 1:1 | WEIGHT - | A4 SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

CITIZEN

LED	CLU7A2/7A3
FWHM / FWTM	35.0° / 65.0°
Efficiency	86 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

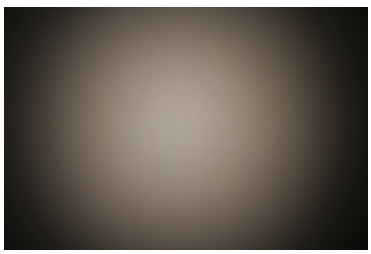
CREE LEDs

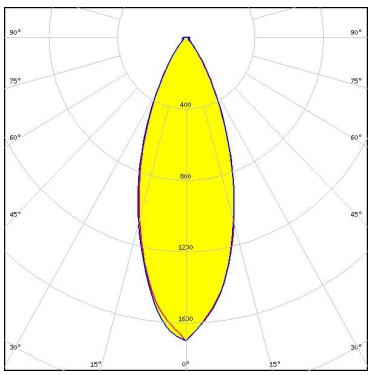
LED	MC-E
FWHM / FWTM	36.0°
Efficiency	91 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

CREE LEDs

LED	MHB-A/B
FWHM / FWTM	39.0° / 70.0°
Efficiency	78 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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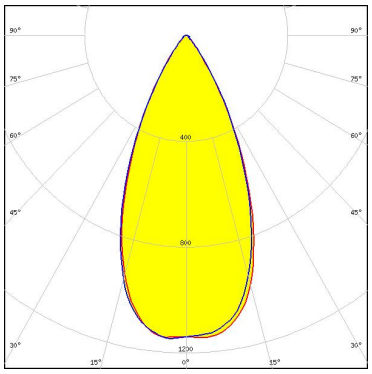
OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	MK-R
FWHM / FWTM	48.0° / 75.0°
Efficiency	%
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XHP35 HI
FWHM / FWTM	57.0° / 82.0°
Efficiency	75 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

CREE LEDs

LED	XM-L
FWHM / FWTM	40.0°
Efficiency	79 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

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OPTICAL RESULTS (MEASURED):

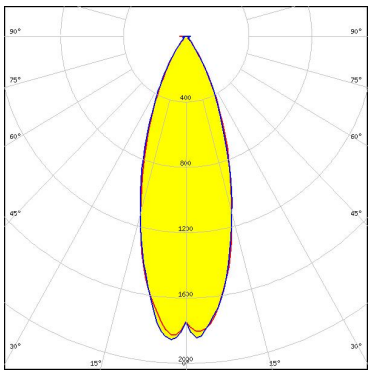
CREE LEDs

LED	XP-G2
FWHM / FWTM	32.0° / 64.0°
Efficiency	81 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

CREE LEDs

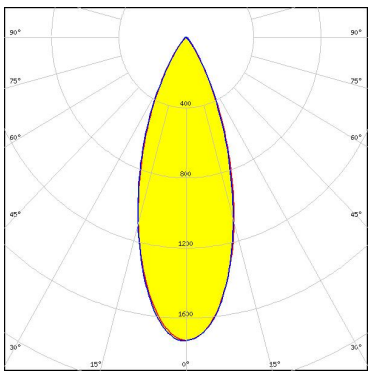
LED	XT-E
FWHM / FWTM	32.0°
Efficiency	%
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON 5050 Round LES
FWHM / FWTM	37.0° / 67.0°
Efficiency	83 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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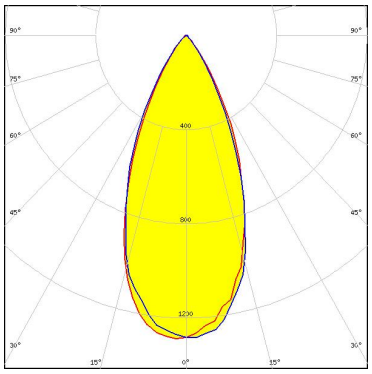
OPTICAL RESULTS (MEASURED):

LUMILEDS

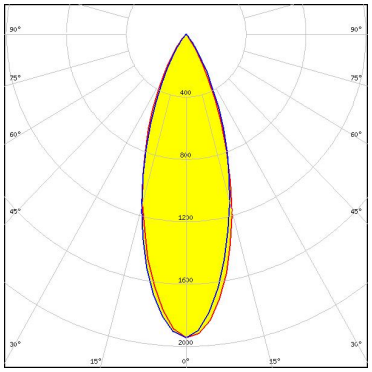
LED	LUXEON M/MX
FWHM / FWTM	45.0°
Efficiency	80 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

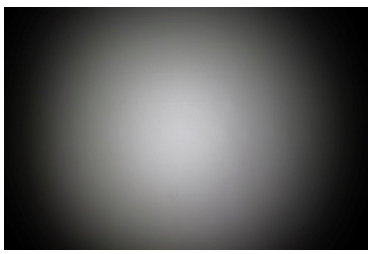
LED	LUXEON MZ
FWHM / FWTM	36.0° / 66.0°
Efficiency	81 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

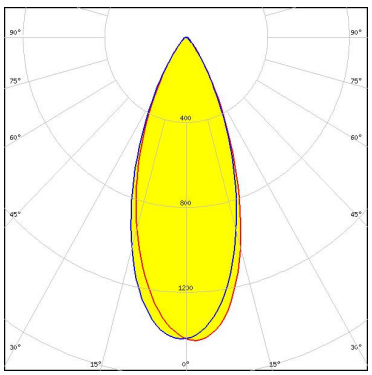


Light distribution files

NICHIA

LED	NS9x383
FWHM / FWTM	39.0° / 68.0°
Efficiency	81 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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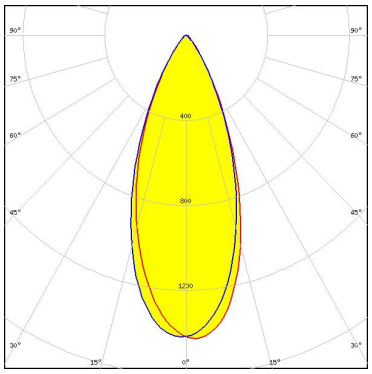
OPTICAL RESULTS (MEASURED):

NICHIA

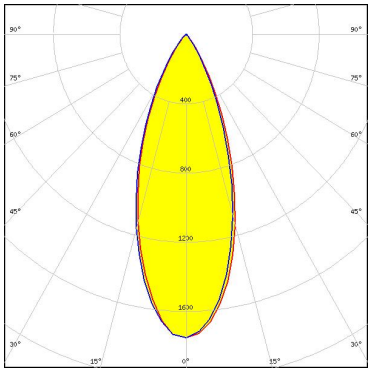
LED	NSMx286M
FWHM / FWTM	41.0° / 72.0°
Efficiency	80 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	Duris S8
FWHM / FWTM	39.0° / 68.0°
Efficiency	81 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	Z8Y15
FWHM / FWTM	29.0° / 62.0°
Efficiency	80 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

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OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

LED	Z8Y19
FWHM / FWTM	30.0° / 62.0°
Efficiency	81 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

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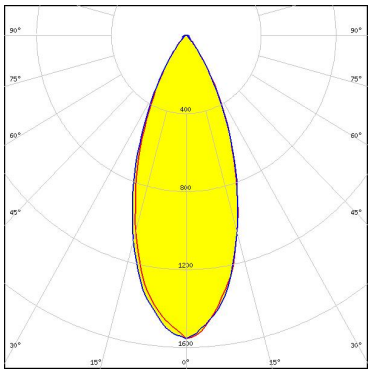
OPTICAL RESULTS (SIMULATED):

CITIZEN

LED	CLU700/701/702/703
FWHM / FWTM	41.0° / 72.0°
Efficiency	88 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

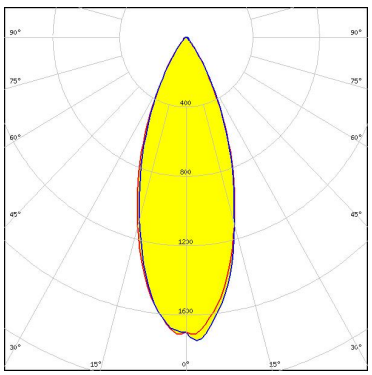
CREE LEDs

LED	XM-L HVW
FWHM / FWTM	38.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

LUMILEDS

LED	LUXEON 5258
FWHM / FWTM	34.0° / 66.0°
Efficiency	87 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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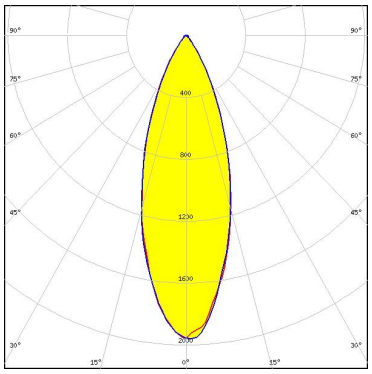
OPTICAL RESULTS (SIMULATED):

LUMINUS

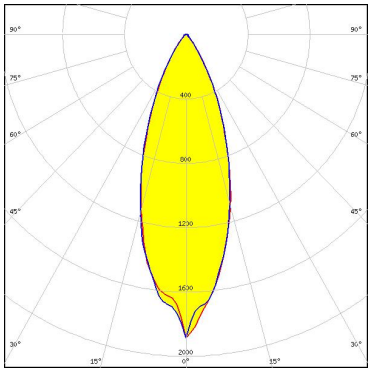
LED	CXM-3
FWHM / FWTM	35.0° / 66.0°
Efficiency	89 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMINUS

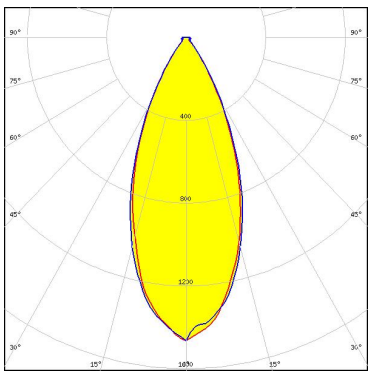
LED	CXM-4
FWHM / FWTM	36.0° / 68.0°
Efficiency	88 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NFMW48xA
FWHM / FWTM	43.0° / 72.0°
Efficiency	90 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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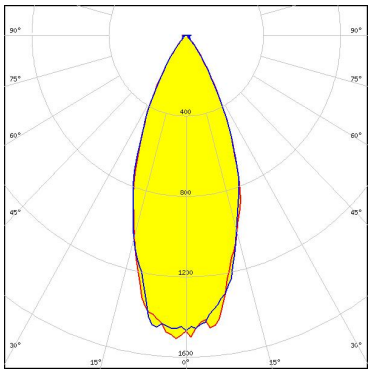
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	41.0° / 71.0°
Efficiency	87 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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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.

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