EVA-D

~16° diffused spot beam. Assembly with holder including location pins and installation tape.



SPECIFICATION:

Dimensions	Ø 37.7 mm
Height	17.2 mm
Fastening	tape, pin
ROHS compliant	yes

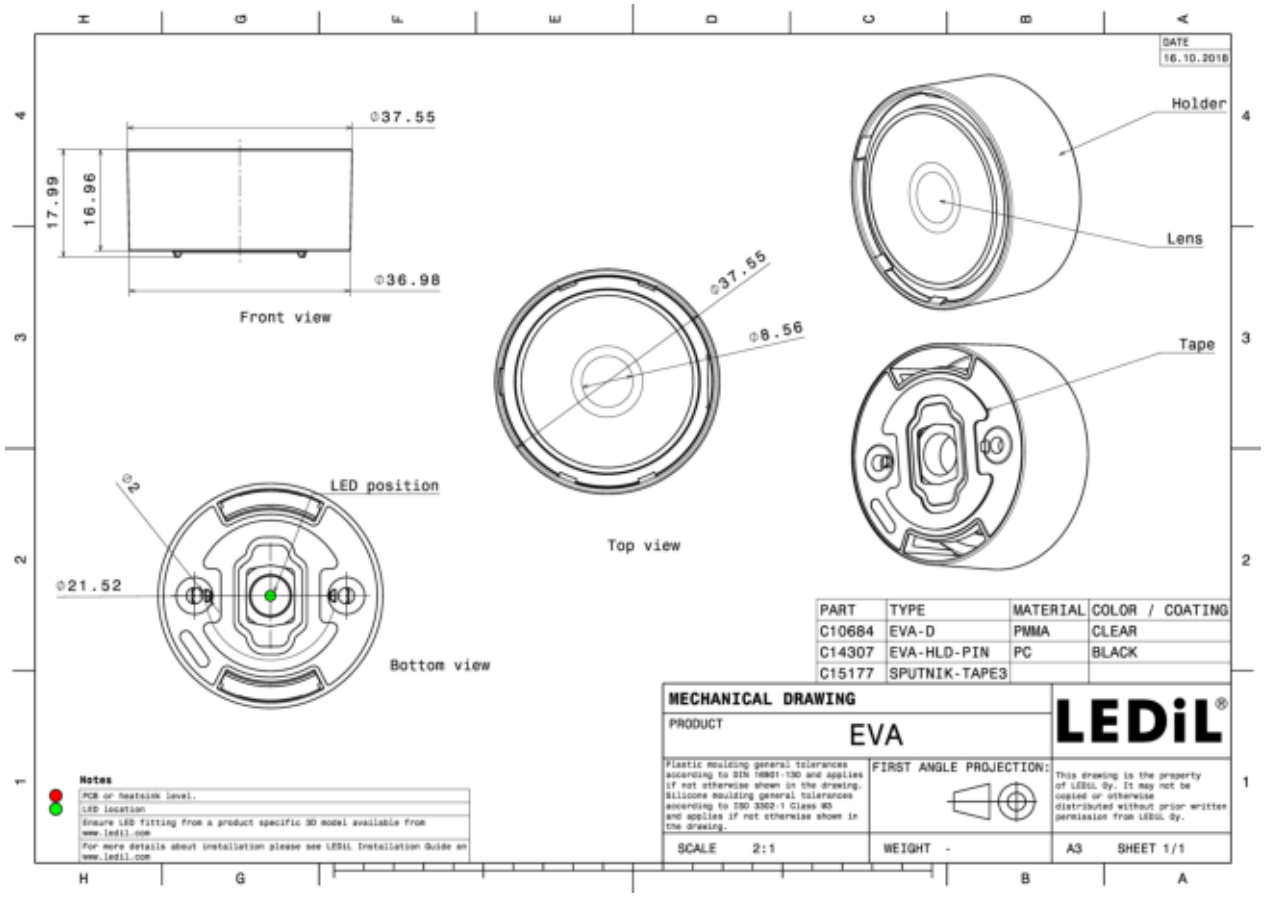
MATERIALS:

Component	Type	Material	Colour	Finish	Length
EVA-D	Single lens	PMMA	clear		35.0
EVA-HLD-PIN	Holder	PC	black		37.6
SPUTNIK-TAPE3	Tape	Acrylic foam	black		25.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA14308_EVA-D » Box size: 480 x 280 x 300 mm	675	90	45	0.0

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

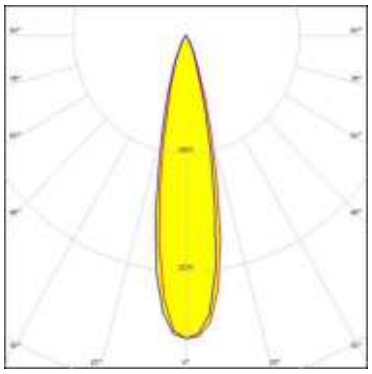
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OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	21.0° / 43.0°
Efficiency	89 %
Peak intensity	4.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



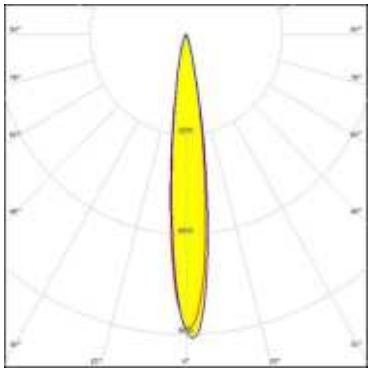


Light distribution files

NICHIA

LED	NVSW219F
FWHM / FWTM	14.0° / 29.0°
Efficiency	90 %
Peak intensity	9.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



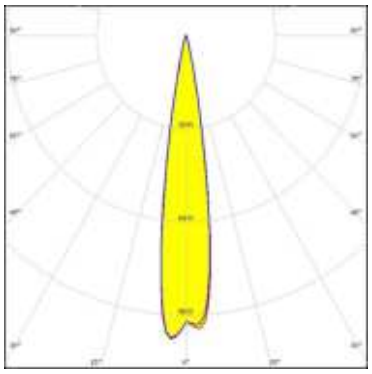


Light distribution files

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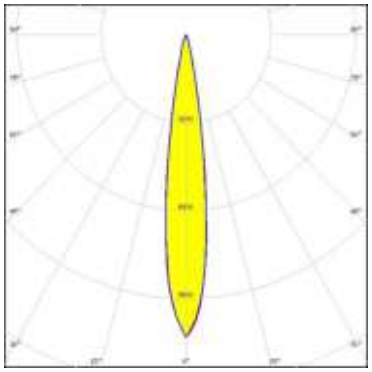
OPTICAL RESULTS (SIMULATED):

LED	XE-G
FWHM / FWTM	16.0° / 26.0°
Efficiency	93 %
Peak intensity	10.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



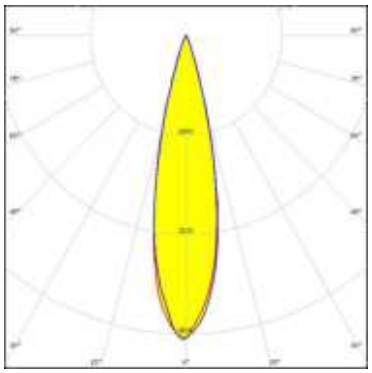
Light distribution files

LED	XHP35 HI
FWHM / FWTM	15.0° / 28.0°
Efficiency	94 %
Peak intensity	11 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LED	XHP35.2 HD
FWHM / FWTM	24.0° / 39.0°
Efficiency	89 %
Peak intensity	4.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



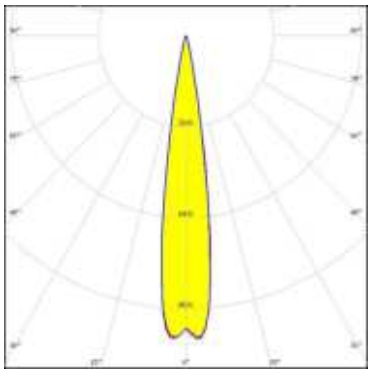
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CREE LEDs

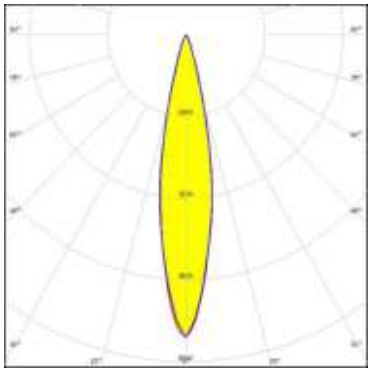
LED	XP-E2
FWHM / FWTM	16.0° / 26.0°
Efficiency	94 %
Peak intensity	10.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

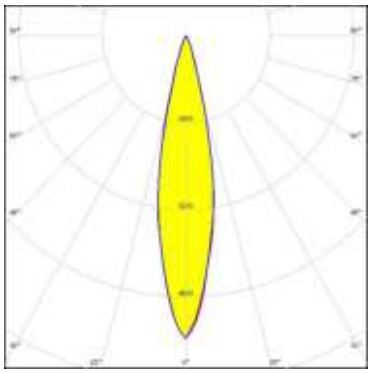
LED	LUXEON M/MX
FWHM / FWTM	20.0° / 37.0°
Efficiency	92 %
Peak intensity	5.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM

LED	OSCONIQ C 2424
FWHM / FWTM	22.0° / 38.0°
Efficiency	94 %
Peak intensity	5.6 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	

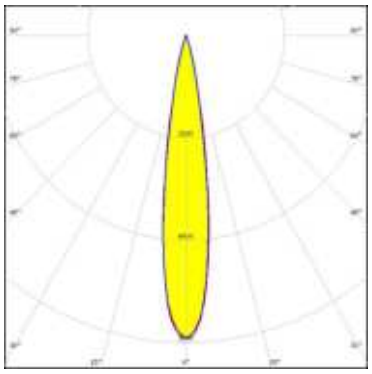


Light distribution files

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OPTICAL RESULTS (SIMULATED):

LED	Z8Y22P
FWHM / FWTM	17.0° / 30.0°
Efficiency	98 %
Peak intensity	9.5 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.

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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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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