CUTE-3-SS

~12° smooth spot beam with 3 mm high location pins

SPECIFICATION:

Dimensions	Ø 35.0
Height	15 mm
Fastening	glue, pin
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
CUTE-3-SS	Multi-lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10754_CUTE-3-SS » Box size: 480 x 280 x 300 mm	630	90	45	6.9

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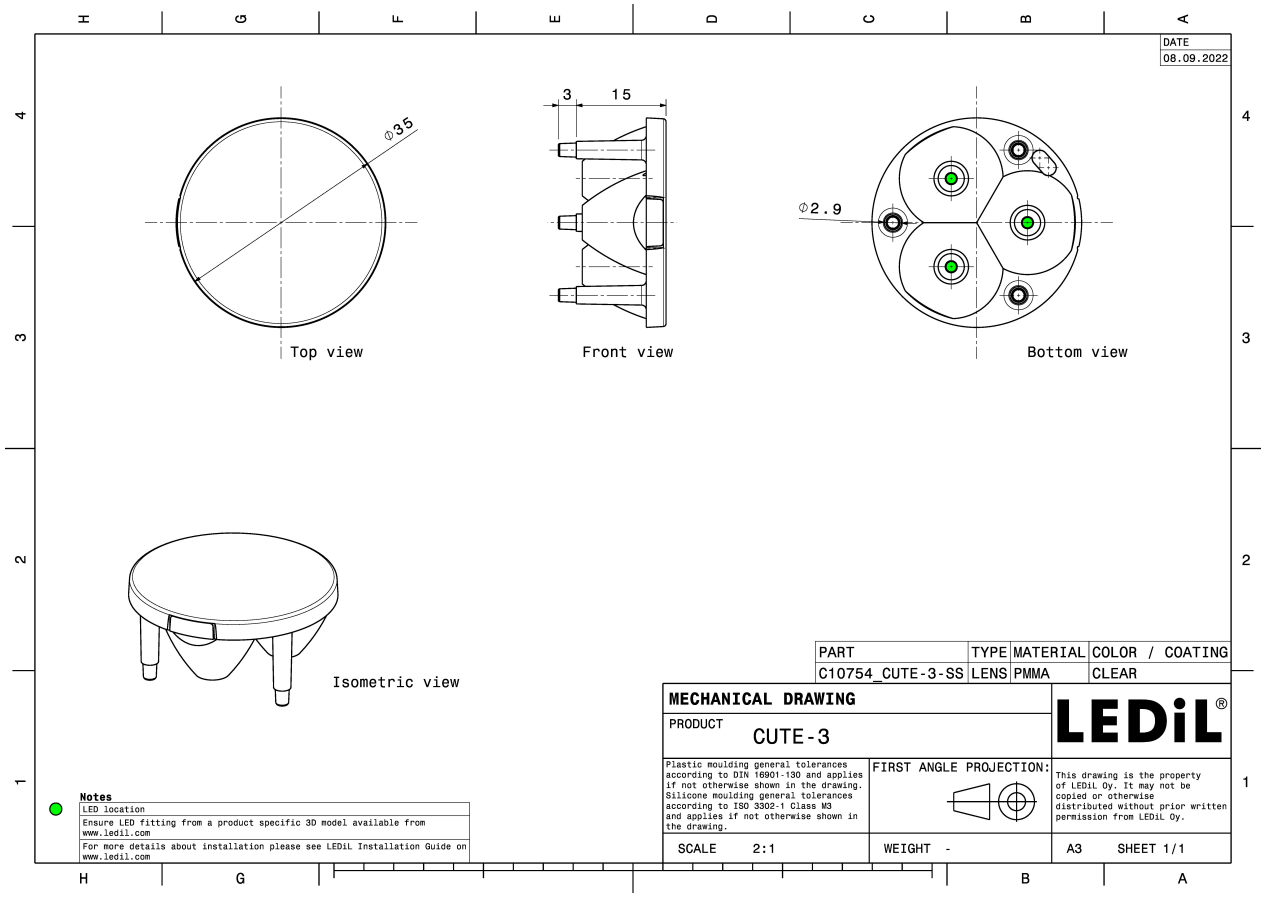

See also our general installation guide: www.ledil.com/installation_guide

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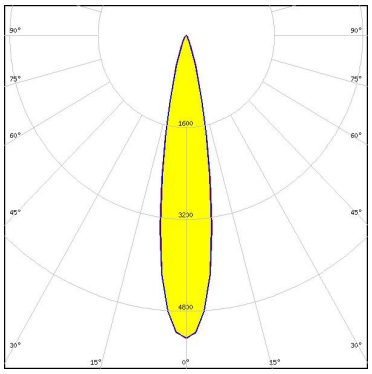
OPTICAL RESULTS (MEASURED):

CREE LEDs

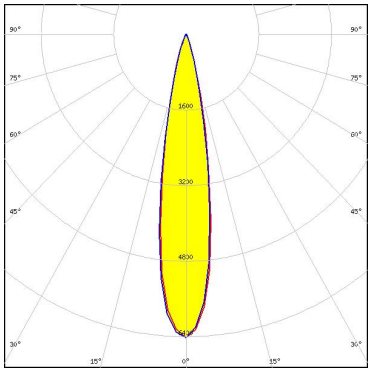
LED	XM-L
FWHM / FWTM	19.0° / 38.0°
Efficiency	91 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

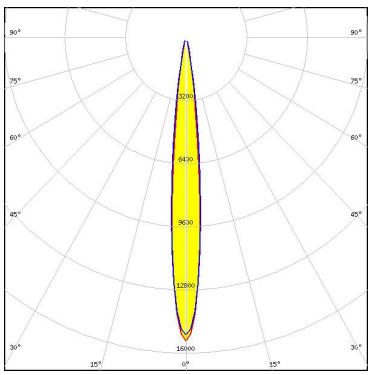
LED	XM-L2
FWHM / FWTM	20.0° / 37.0°
Efficiency	90 %
Peak intensity	6.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-E
FWHM / FWTM	11.0° / 21.0°
Efficiency	93 %
Peak intensity	15.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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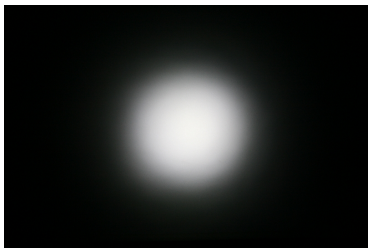
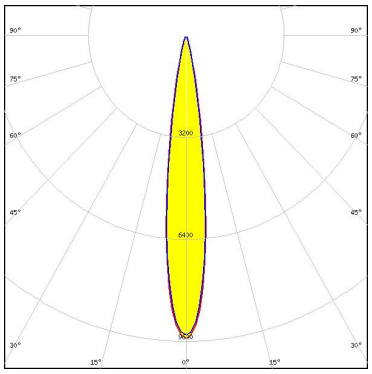
OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XP-G
FWHM / FWTM	15.0° / 28.0°
Efficiency	93 %
Peak intensity	9.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

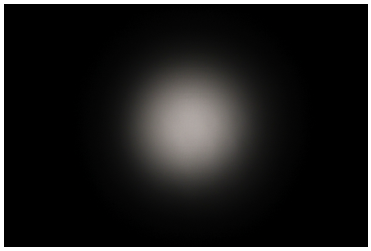


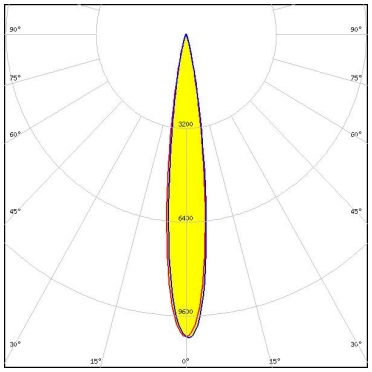


Light distribution files

CREE LEDs

LED	XP-G2
FWHM / FWTM	14.0° / 27.0°
Efficiency	94 %
Peak intensity	10.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

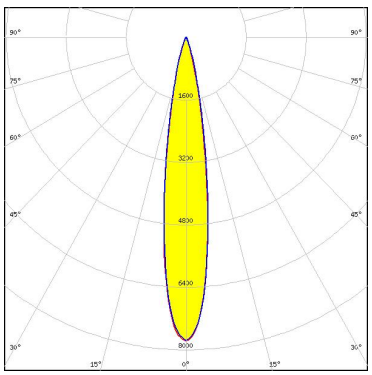




Light distribution files

CREE LEDs

LED	XP-G2 HE
FWHM / FWTM	17.0° / 33.0°
Efficiency	96 %
Peak intensity	7.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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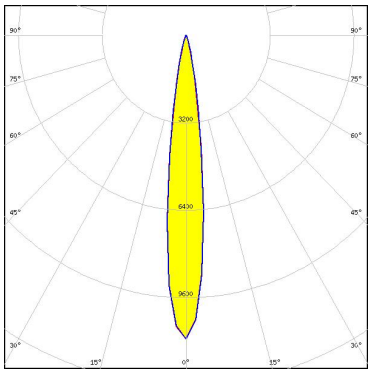
OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XT-E
FWHM / FWTM	12.0° / 28.0°
Efficiency	88 %
Peak intensity	8.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

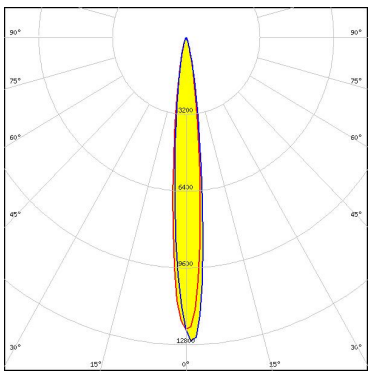
LUMILEDS

LED	LUXEON A
FWHM / FWTM	13.0°
Efficiency	91 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

LUMILEDS

LED	LUXEON Rebel
FWHM / FWTM	12.0° / 23.0°
Efficiency	91 %
Peak intensity	12.2 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 Rebel ES
FWHM / FWTM	13.0°
Efficiency	91 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

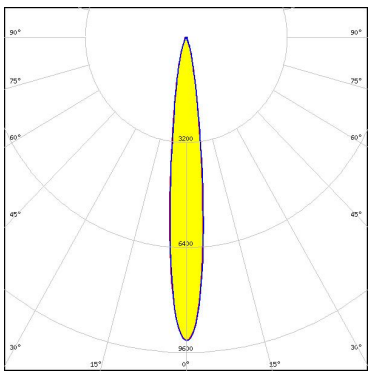
NICHIA

LED	NCSxx19A
FWHM / FWTM	12.0°
Efficiency	89 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

NICHIA

LED	NVSxx19A
FWHM / FWTM	13.0° / 29.0°
Efficiency	94 %
Peak intensity	9.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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OPTICAL RESULTS (MEASURED):

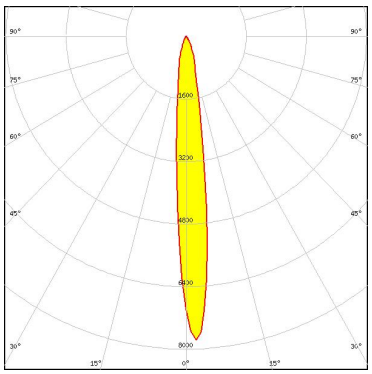
OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	17.0° / 32.0°
Efficiency	83 %
Peak intensity	8.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OSRAM
Opto Semiconductors

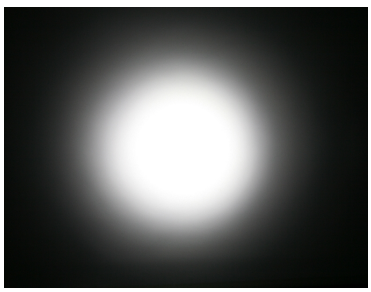
LED	OSLON SSL 150
FWHM / FWTM	13.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

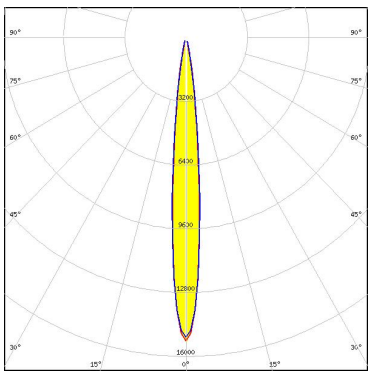


Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	10.0° / 22.0°
Efficiency	90 %
Peak intensity	15.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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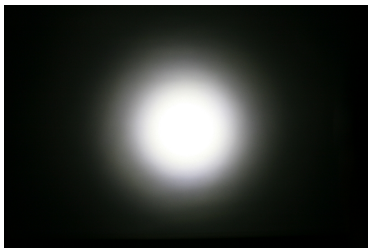
OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

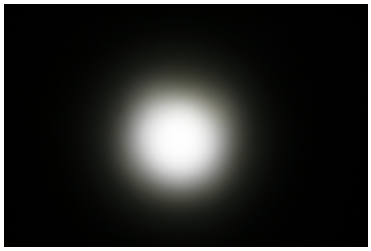
LED	Z5
FWHM / FWTM	10.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

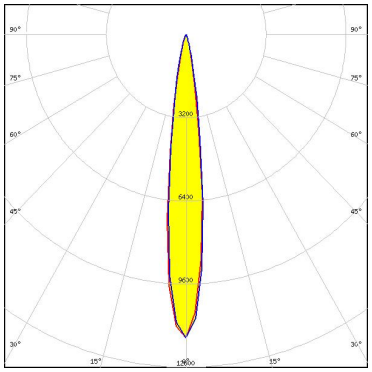


Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM / FWTM	14.0° / 27.0°
Efficiency	88 %
Peak intensity	11.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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OPTICAL RESULTS (SIMULATED):

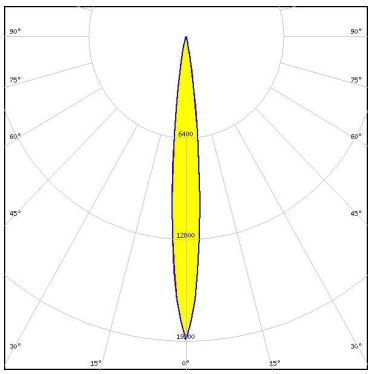
CREE LEDs

LED	XM-L HVW
FWHM / FWTM	19.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

CREE LEDs

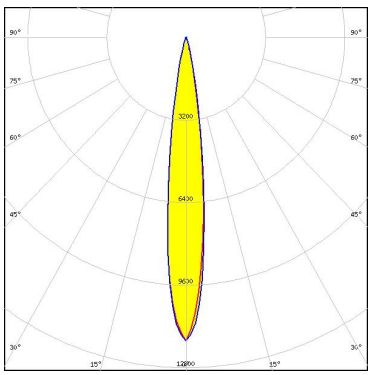
LED	XP-E2
FWHM / FWTM	10.0° / 21.0°
Efficiency	95 %
Peak intensity	19.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-G2
FWHM / FWTM	14.0° / 26.0°
Efficiency	94 %
Peak intensity	11.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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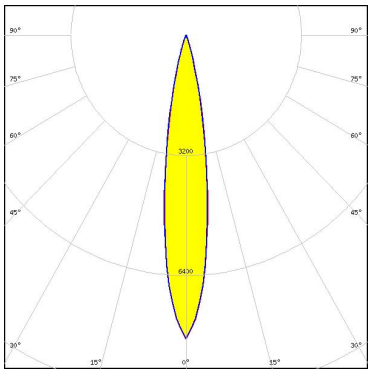
OPTICAL RESULTS (SIMULATED):

CREE LEDs

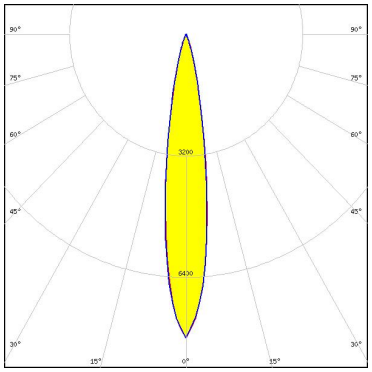
LED	XP-G2 HE
FWHM / FWTM	16.0° / 32.0°
Efficiency	96 %
Peak intensity	8.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-G3
FWHM / FWTM	16.0° / 32.0°
Efficiency	91 %
Peak intensity	8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XT-E HVW
FWHM / FWTM	15.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

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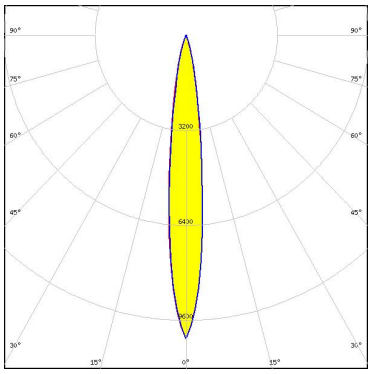
OPTICAL RESULTS (SIMULATED):

LUMILEDS

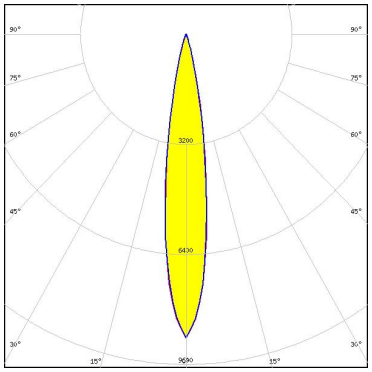
LED	LUXEON IR Domed 60 (L1I0-0xxx060000000)
FWHM / FWTM	13.0° / 29.0°
Efficiency	94 %
Peak intensity	10.2 cd/lm
LEDs/each optic	1
Light colour/type	IR
Required components:	



Light distribution files

SAMSUNG

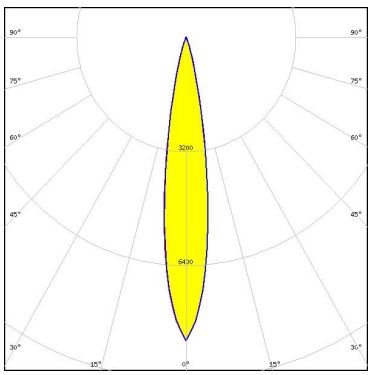
LED	LH351B
FWHM / FWTM	16.0° / 30.0°
Efficiency	95 %
Peak intensity	8.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LH351C
FWHM / FWTM	16.0° / 32.0°
Efficiency	96 %
Peak intensity	8.5 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.

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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