CUTE-3-SS

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



TECHNICAL SPECIFICATIONS:

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

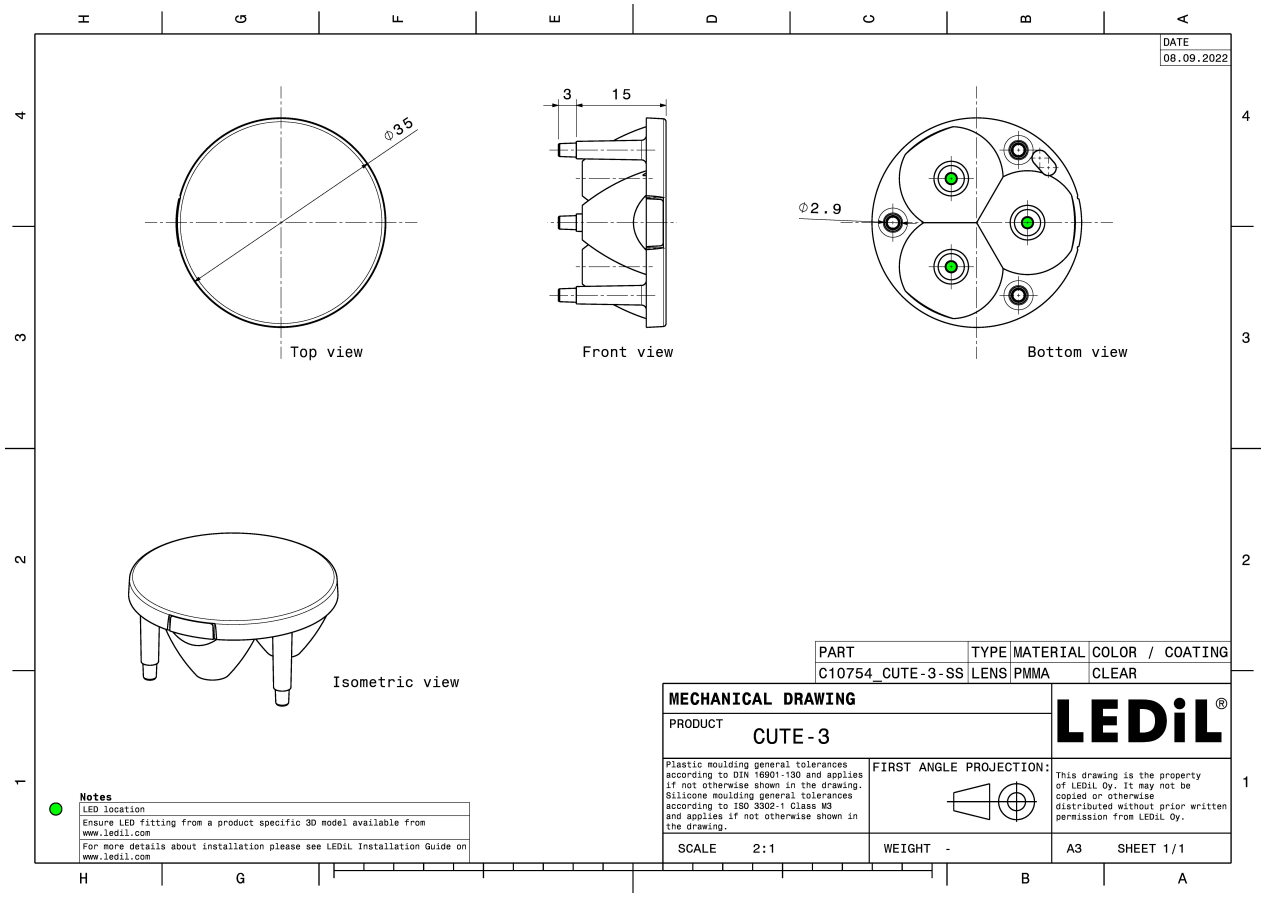
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
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

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.



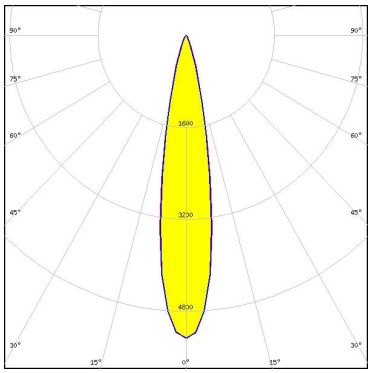
See also our general installation guide: www.ledil.com/installation_guide

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

CREE LED

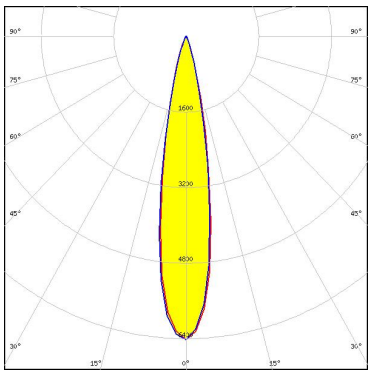
LED	XM-L
FWHM / FWTM	19.0° / 38.0°
Efficiency	91 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

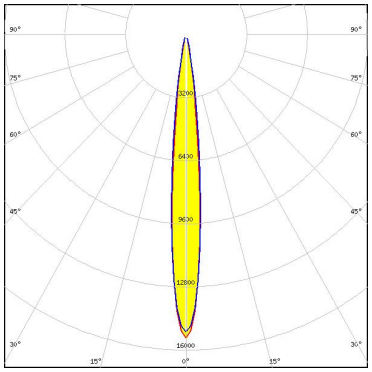
LED	XM-L2
FWHM / FWTM	20.0° / 37.0°
Efficiency	90 %
Peak intensity	6.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





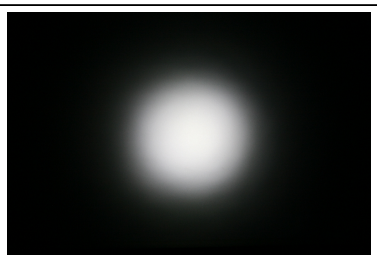
CREE LED

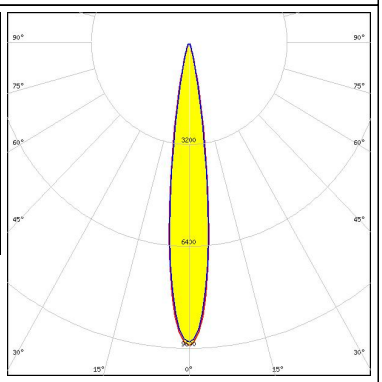
LED	XP-E
FWHM / FWTM	11.0° / 21.0°
Efficiency	93 %
Peak intensity	15.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

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



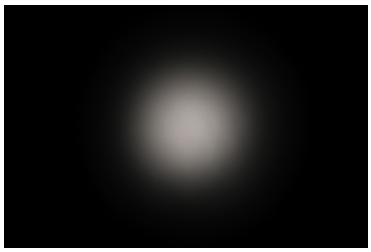


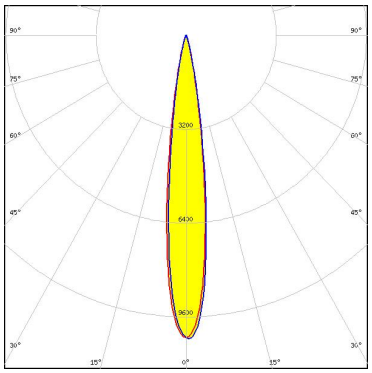
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

CREE LED

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

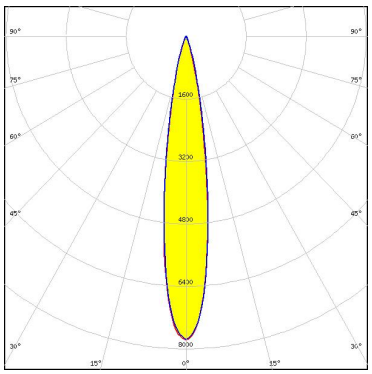




CREE LED

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

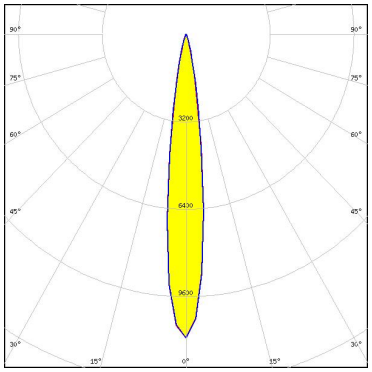




CREE LED

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





LUMILEDS

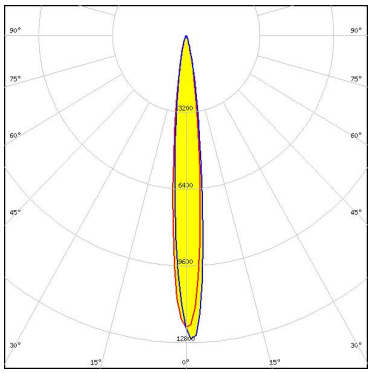
LED	LUXEON A
FWHM / FWTM	13.0°
Efficiency	91 %
LEDs/each optic	1
Light colour	White
Required components:	

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

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



LUMILEDS

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

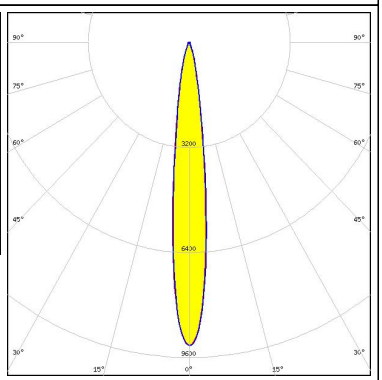
NICHIA

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

NICHIA

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





LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

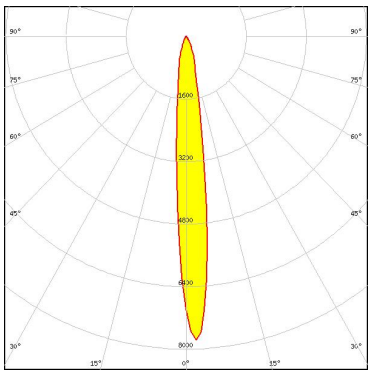
PHOTOMETRIC DATA (MEASURED):

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	White
Required components:	

OSRAM
Opto Semiconductors

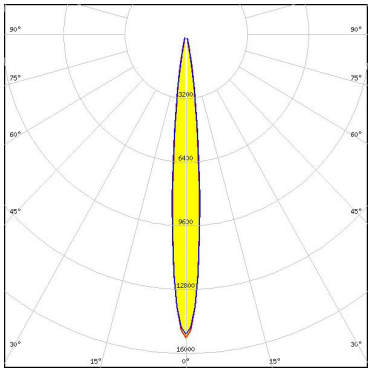
LED	OSLON SSL 150
FWHM / FWTM	13.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

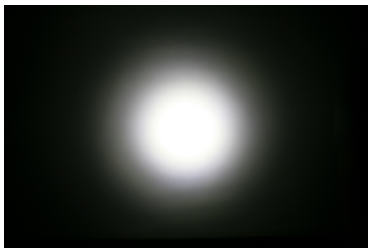
LED	OSLON SSL 80
FWHM / FWTM	10.0° / 22.0°
Efficiency	90 %
Peak intensity	15.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





SEOUL SEMICONDUCTOR

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



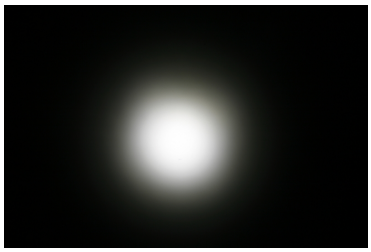
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

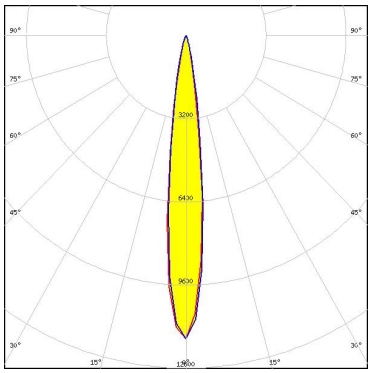
PHOTOMETRIC DATA (MEASURED):

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	White

Required components:





LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

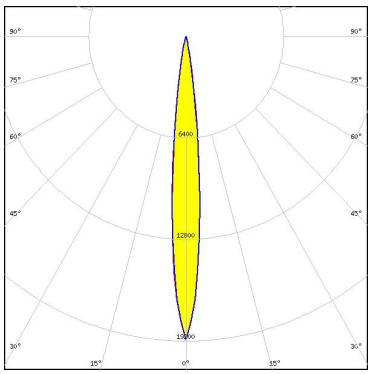
PHOTOMETRIC DATA (SIMULATED):

CREE LED

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

CREE LED

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

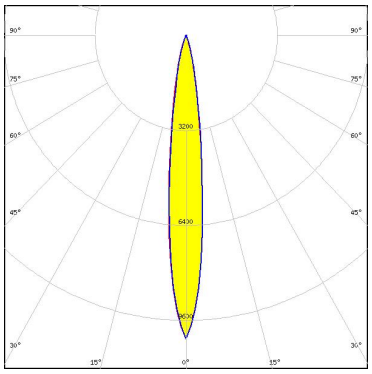


CREE LED

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

LUMILEDS

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

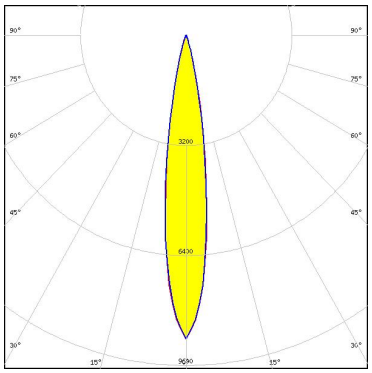


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

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



LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

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.

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

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.