FLARE-MINI-A-PIN

~100° x 20° oval beam. Assembly with location pins.

SPECIFICATION:

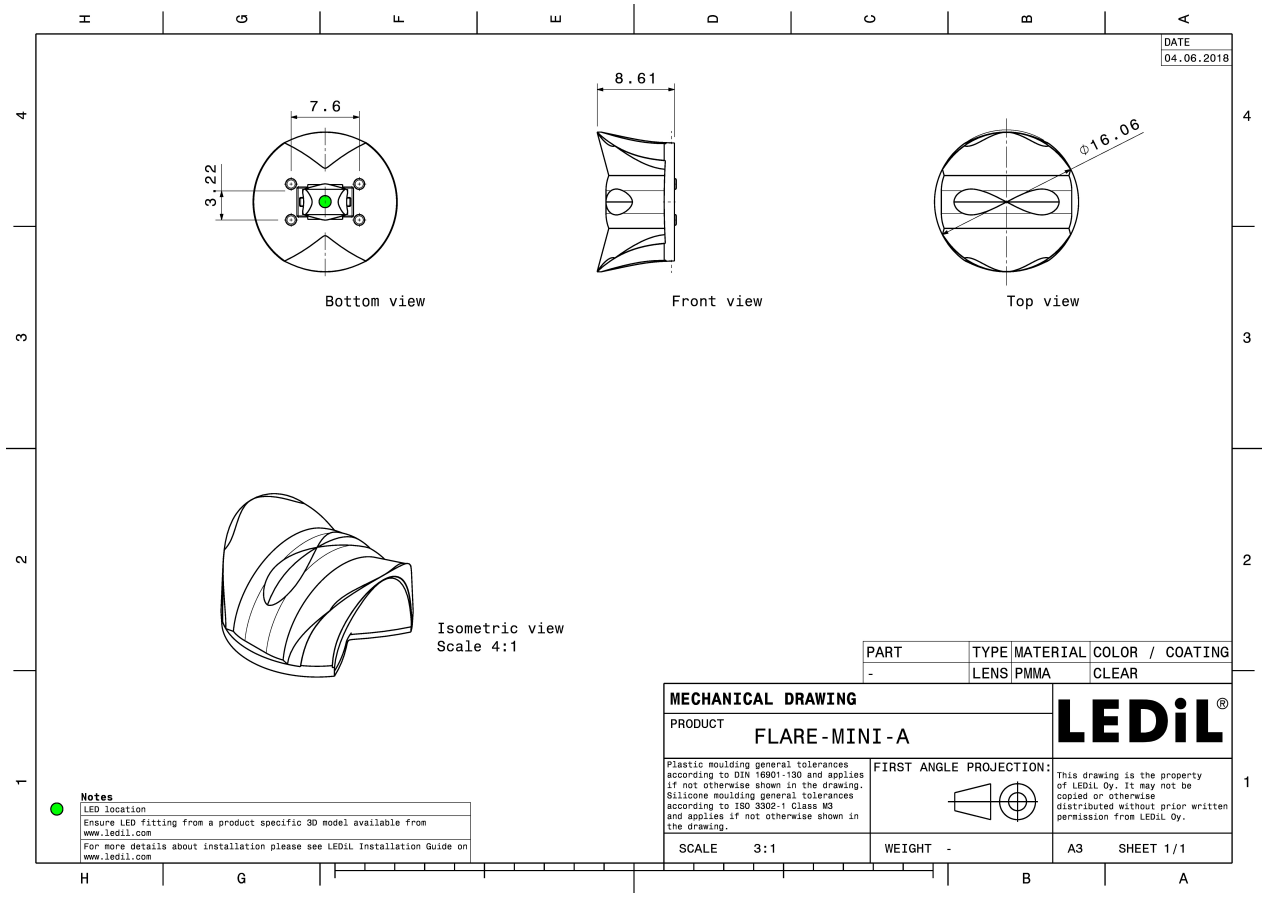
Dimensions	Ø 16.0 mm
Height	8.6 mm
Fastening	glue, pin
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish
FLARE-MINI-A-PIN	Single lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12837_FLARE-MINI-A-PIN » Box size: 300 x 250 x 250 mm	2400	360	120	3.7



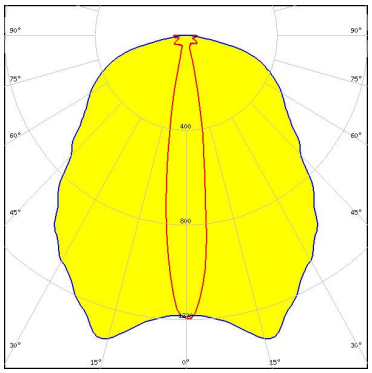
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XB-D
FWHM / FWTM	95.0 + 16.0° / 160.0 + 29.0°
Efficiency	94 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White

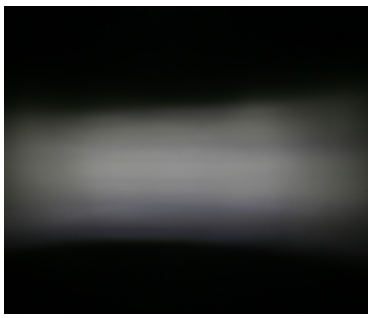
Required components:

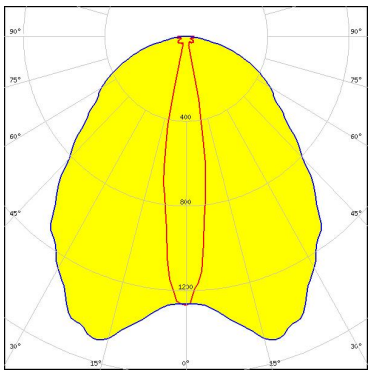


CREE LEDs

LED	XP-E
FWHM / FWTM	95.0 + 17.0° / 155.0 + 27.0°
Efficiency	94 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

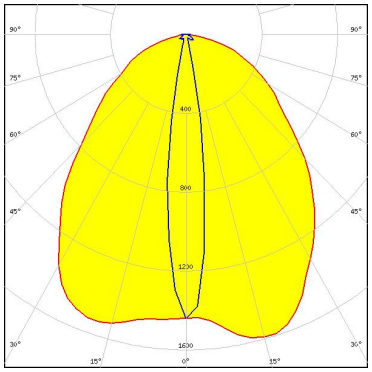




CREE LEDs

LED	XP-E2
FWHM / FWTM	94.0 + 16.0° / 151.0 + 27.0°
Efficiency	94 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

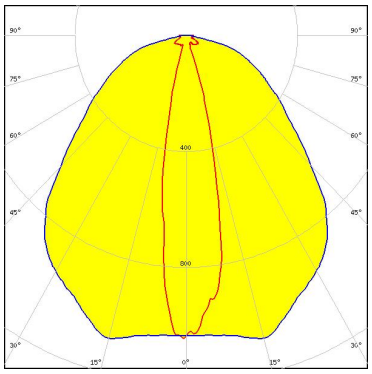
Required components:



CREE LEDs

LED	XP-G
FWHM / FWTM	99.0 + 21.0° / 154.0 + 35.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

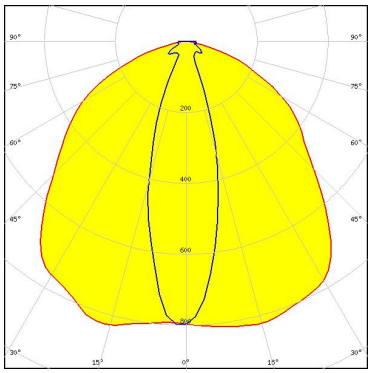
Required components:



OPTICAL RESULTS (MEASURED):

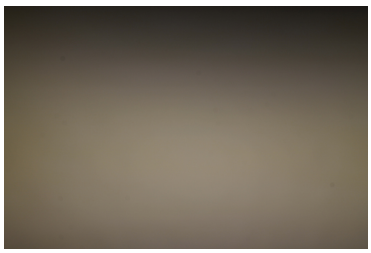
CREE LEDs

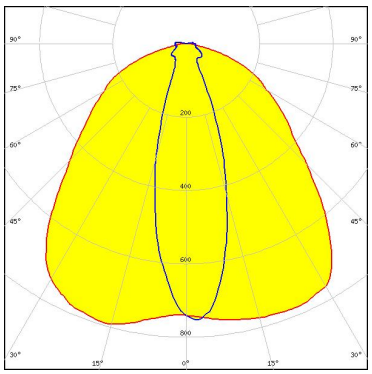
LED	XP-L HD
FWHM / FWTM	106.0 + 29.0° / 152.0 + 49.0°
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LEDs

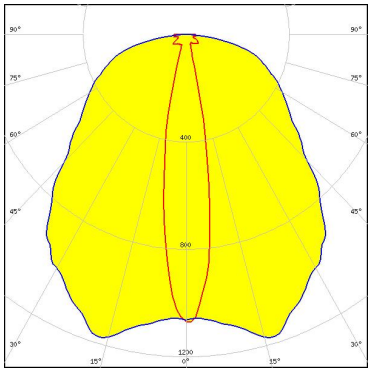
LED	XP-L2
FWHM / FWTM	100.0 + 30.0° / 152.0 + 53.0°
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





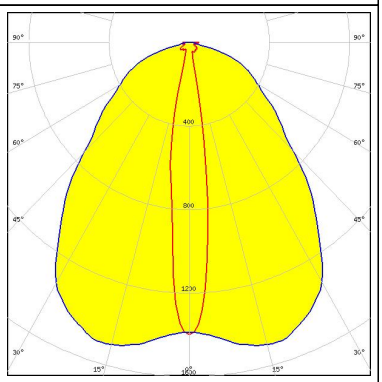
CREE LEDs

LED	XT-E
FWHM / FWTM	95.0 + 19.0° / 160.0 + 32.0°
Efficiency	94 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NCSxx19A
FWHM / FWTM	87.0 + 15.0° / 141.0 + 26.0°
Efficiency	94 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

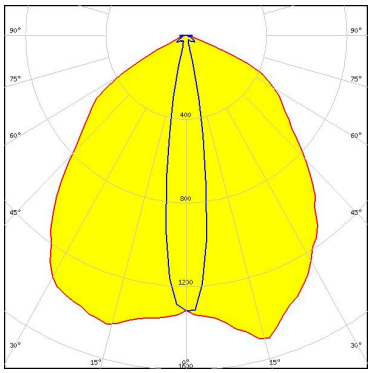


OPTICAL RESULTS (MEASURED):

NICHIA

LED	NCSxx19B
FWHM / FWTM	95.0 + 17.0° / 135.0 + 29.0°
Efficiency	94 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White

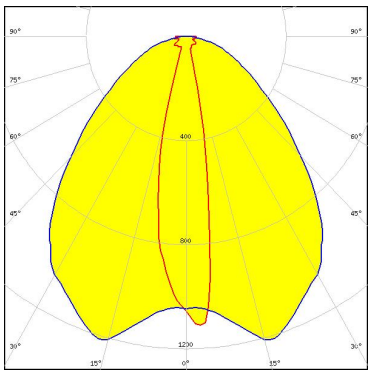
Required components:



OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	90.0 + 20.0° / 146.0 + 33.0°
Efficiency	94 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White

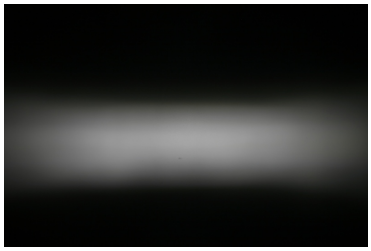
Required components:

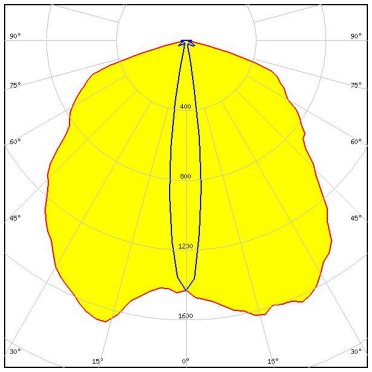


OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	108.0 + 12.0° / 150.0 + 23.0°
Efficiency	93 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

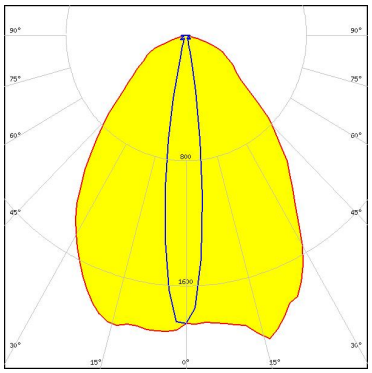




OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	81.0 + 13.0° / 138.0 + 24.0°
Efficiency	93 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White

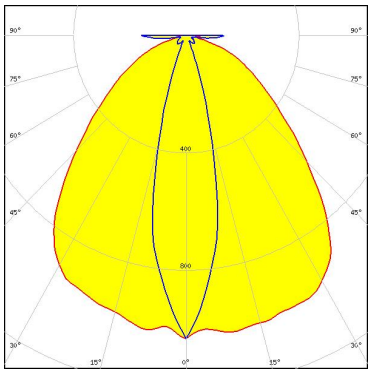
Required components:



OPTICAL RESULTS (SIMULATED):

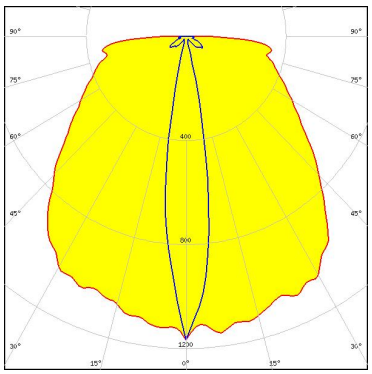
CREE LEDs

LED	XP-G2 HE
FWHM / FWTM	95.0 + 25.0° / 144.0 + 43.0°
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



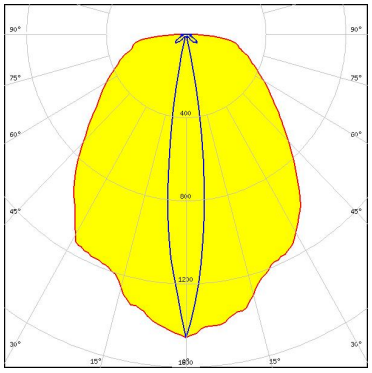
LUMILEDS

LED	LUXEON C
FWHM / FWTM	106.0 + 17.0° / 178.0 + 27.0°
Efficiency	94 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	Red
Required components:	



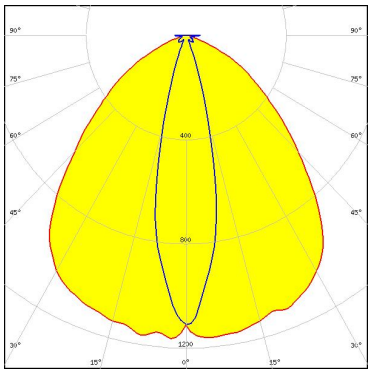
LUMILEDS

LED	LUXEON C
FWHM / FWTM	14.0 + 88.0° / 25.0 + 170.0°
Efficiency	93 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

LED	LH351B
FWHM / FWTM	94.0 + 24.0° / 135.0 + 42.0°
Efficiency	96 %
Peak intensity	1.2 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.

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