FLARE-MINI-AD-PIN

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

SPECIFICATION:

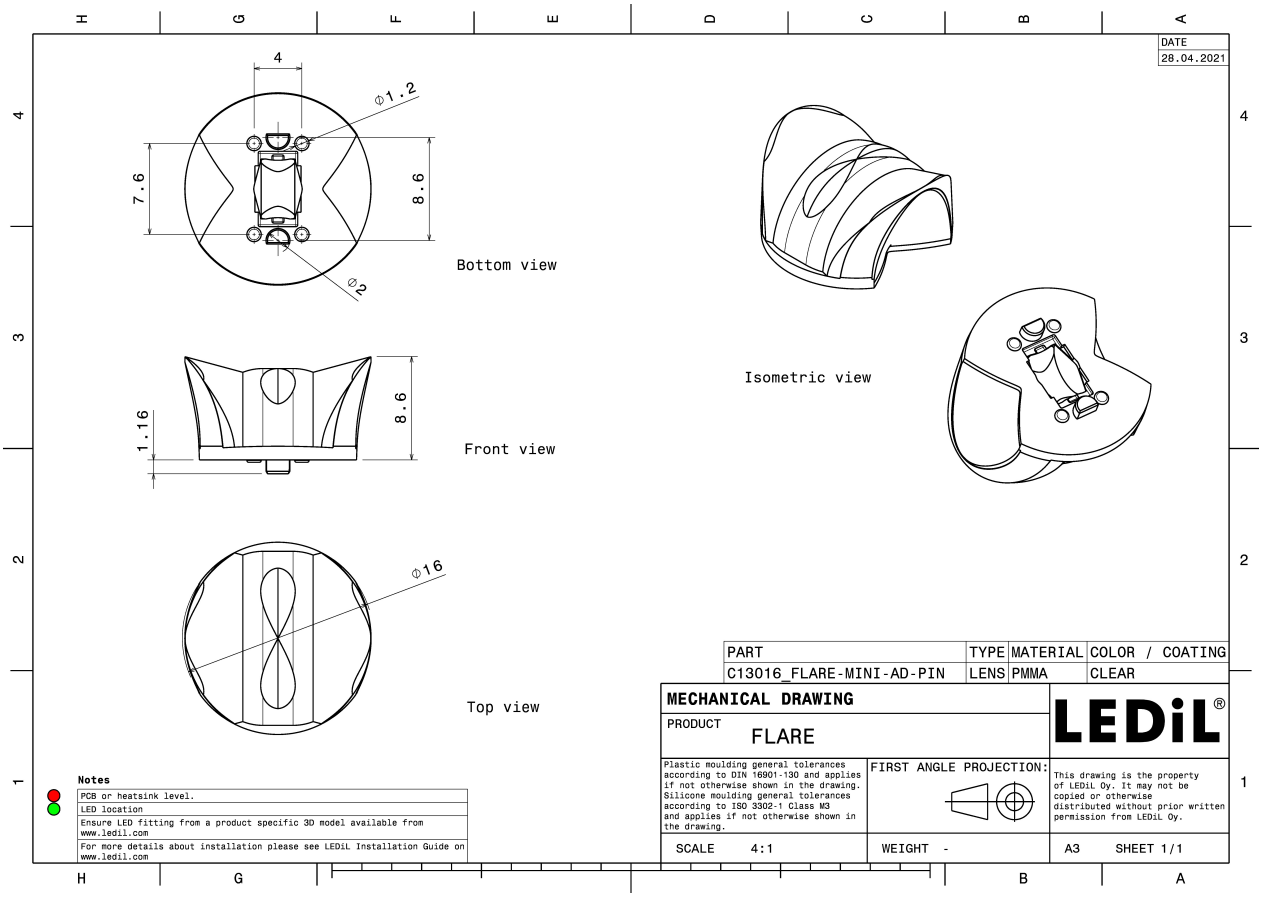
Dimensions	Ø 16.0 mm
Height	8.6 mm
Fastening	glue, pin
ROHS compliant	yes

MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13016_FLARE-MINI-AD-PIN » Box size: 300 x 250 x 250 mm	2400	360	120	4.0



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

OPTICAL RESULTS (MEASURED):

CREE LEDs

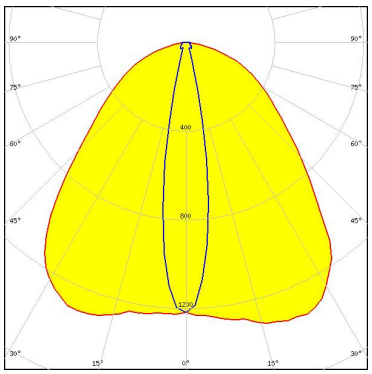
LED	XB-D
FWHM / FWTM	100.0 + 16.0° / 160.0 + 31.0°
Efficiency	93 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

CREE LEDs

LED	XP-E2
FWHM / FWTM	93.0 + 19.0° / 150.0 + 33.0°
Efficiency	94 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White

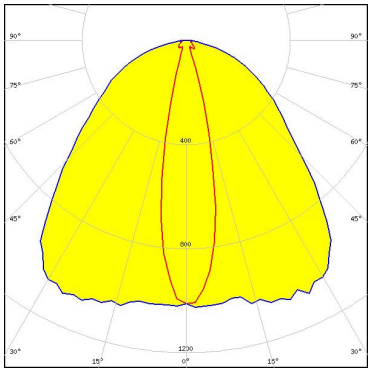
Required components:



CREE LEDs

LED	XP-G
FWHM / FWTM	100.0 + 20.0° / 156.0 + 34.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

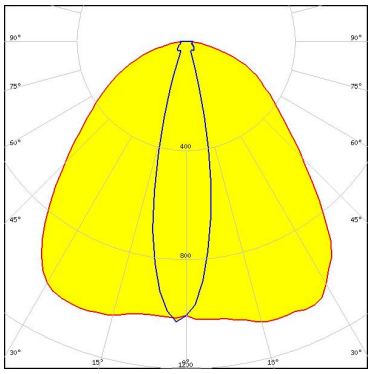
Required components:



CREE LEDs

LED	XP-G2
FWHM / FWTM	97.0 + 24.0° / 154.0 + 41.0°
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

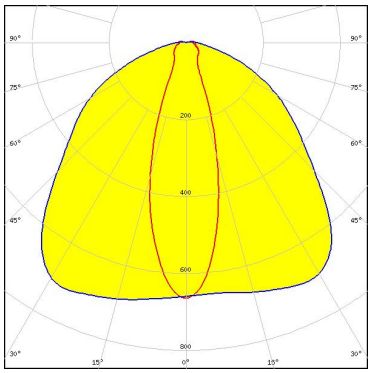
Required components:



OPTICAL RESULTS (MEASURED):

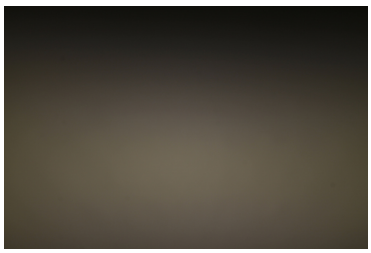
CREE LEDs

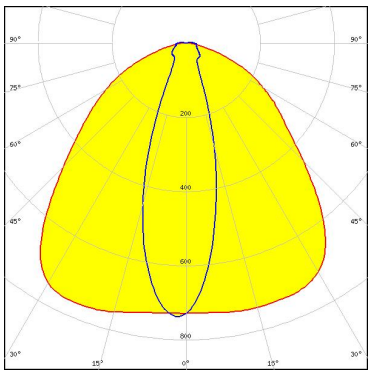
LED	XP-L HD
FWHM / FWTM	111.0 + 30.0° / 158.0 + 56.0°
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LEDs

LED	XP-L2
FWHM / FWTM	100.0 + 30.0° / 150.0 + 57.0°
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



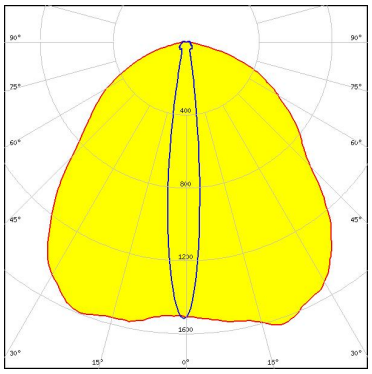


CREE LEDs

LED	XT-E
FWHM / FWTM	104.0 + 19.0° / 164.0 + 36.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

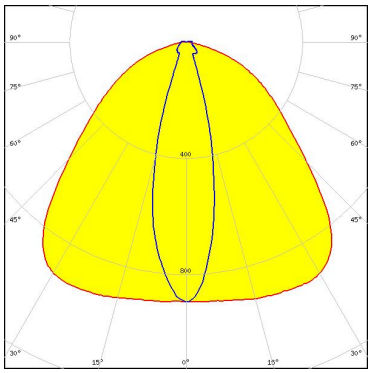
LED	LUXEON CZ
FWHM / FWTM	101.0 + 13.0° / 151.0 + 27.0°
Efficiency	94 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (MEASURED):

NICHIA

LED	NVSW219F
FWHM / FWTM	101.0 + 26.0° / 149.0 + 45.0°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

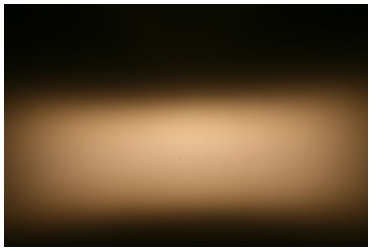


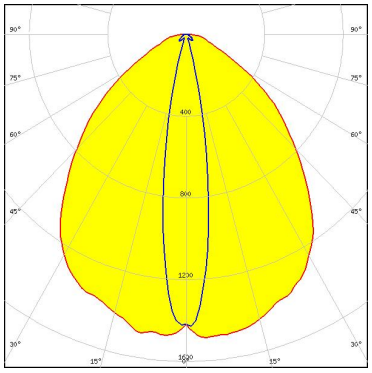
NICHIA

LED	NVSxx19A
FWHM / FWTM	100.0 + 20.0° / 147.0 + 34.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM
Opto Semiconductors

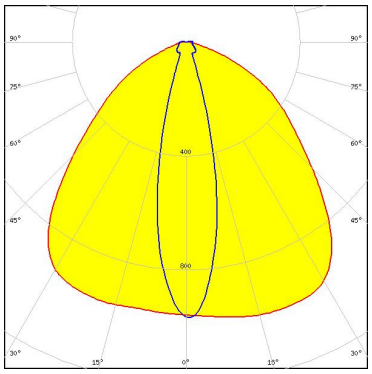
LED	OSLON Square EC
FWHM / FWTM	92.0 + 21.0° / 148.0 + 36.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





SAMSUNG

LED	LH351B
FWHM / FWTM	98.0 + 24.0° / 141.0 + 42.0°
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

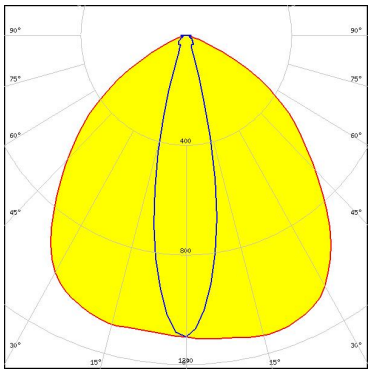


OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LH351Z
FWHM / FWTM	99.0 + 25.0° / 134.0 + 42.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

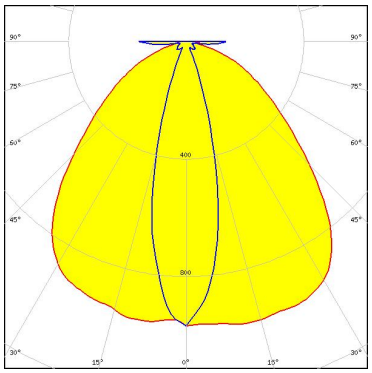
Required components:



OPTICAL RESULTS (SIMULATED):

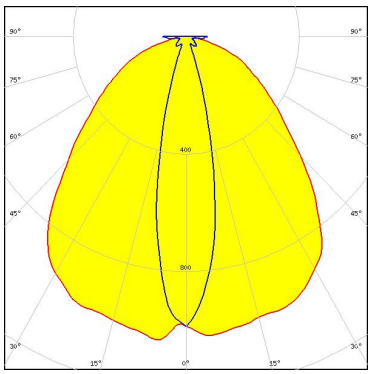
CREE LEDs

LED	XP-G2 HE
FWHM / FWTM	96.0 + 26.0° / 145.0 + 44.0°
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



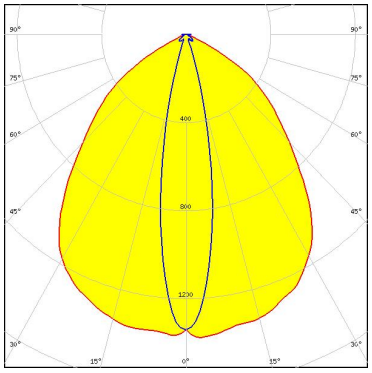
CREE LEDs

LED	XP-G3
FWHM / FWTM	94.0 + 22.0° / 149.0 + 41.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



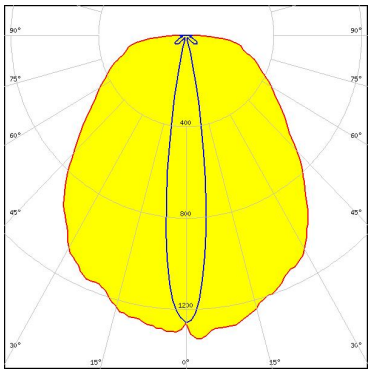
CREE LEDs

LED	XP-G4
FWHM / FWTM	90.0 + 21.0° / 127.0 + 36.0°
Efficiency	97 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

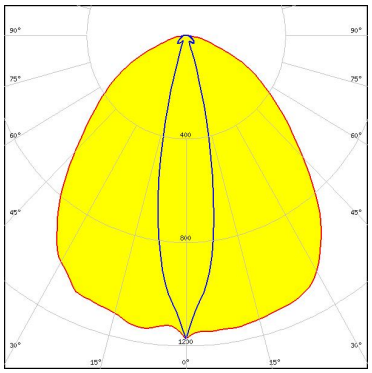
LED	LUXEON C
FWHM / FWTM	15.0 + 94.0° / 24.0 + 172.0°
Efficiency	93 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	95.0 + 22.0° / 144.0 + 37.0°
Efficiency	94 %
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:

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