G2-LXP2-RS2-P

~8.5° spot beam with light, black holder. Assembly with location pins and installation tape.

SPECIFICATION:

Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	pin, tape
ROHS compliant	yes

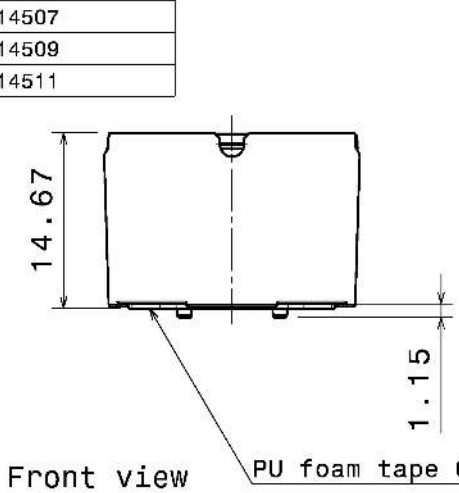
MATERIALS:

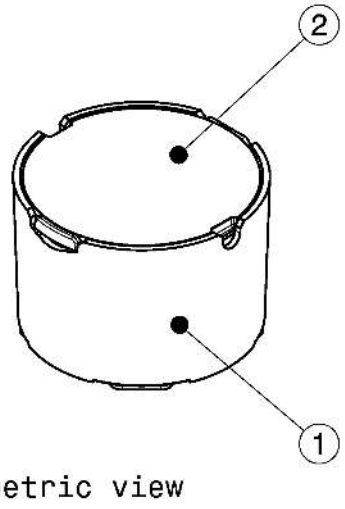
Component	Type	Material	Colour	Finish
LXP2-RS2	Single lens	PMMA		
LXP2-LT-HLD	Holder	PC	black	
HEIDI-TAPE	Tape	Acrylic foam	black	

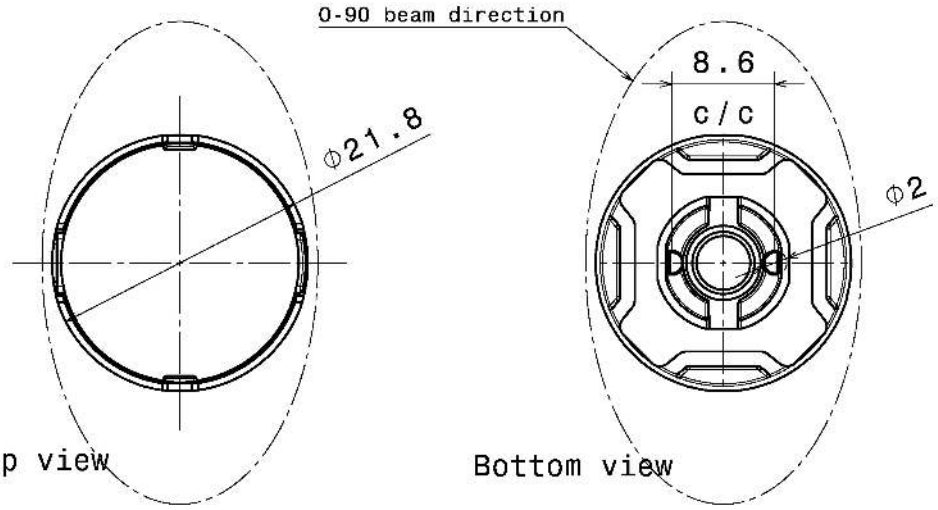
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14505_G2-LXP2-RS2-P » Box size: 480 x 280 x 300 mm	Single lens	1680	336	112	8.1

Applies to:
CA14503
CA14505
CA14507
CA14509
CA14511







INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14443	LXP2-LT-HLD	PC	black
2	-	LXP2-series_mech lens	PMMA	clear

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
up to 30mm class M, otherwise class C
According to DIN ISO 2768-2
Form and position: class L

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
LEILA-G2-LXP2-PIN

SIZE A4 | PART NUMBER -

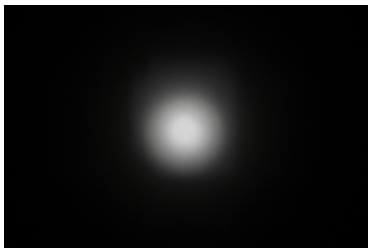
SCALE 2:1 | WEIGHT 4,0 g | SHEET 1/1

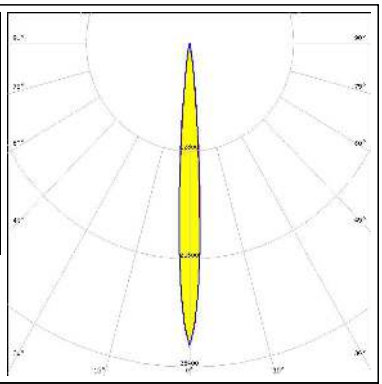
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LED

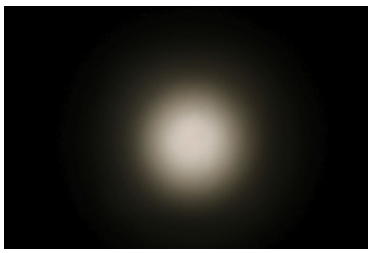
LED	XP-E
FWHM / FWTM	7.0° / 15.0°
Efficiency	88 %
Peak intensity	34.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

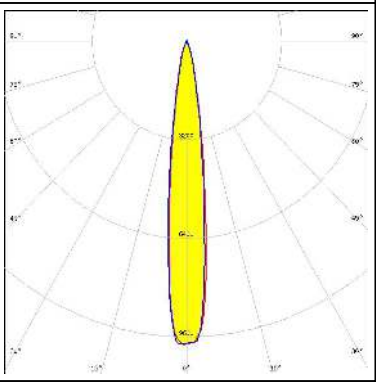




CREE LED

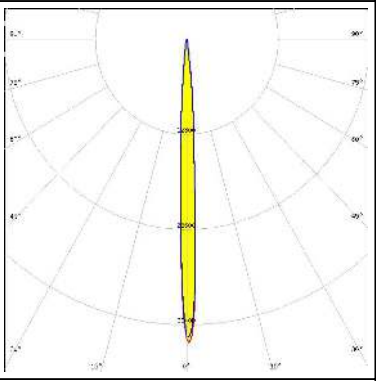
LED	XP-L HD
FWHM / FWTM	14.0° / 29.0°
Efficiency	90 %
Peak intensity	9.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





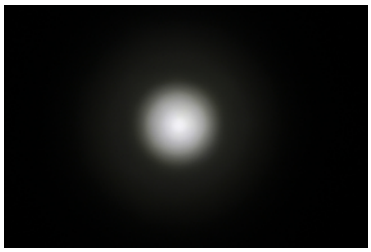
CREE LED

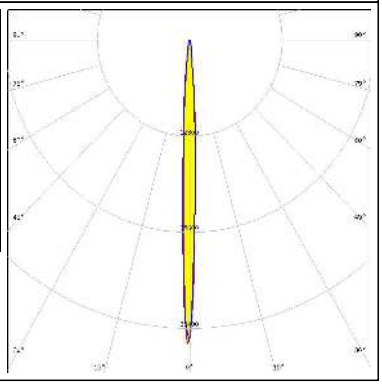
LED	XQ-E HD
FWHM / FWTM	5.0° / 13.0°
Efficiency	89 %
Peak intensity	42 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

LED	XQ-E HI
FWHM / FWTM	5.0° / 13.0°
Efficiency	88 %
Peak intensity	40.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

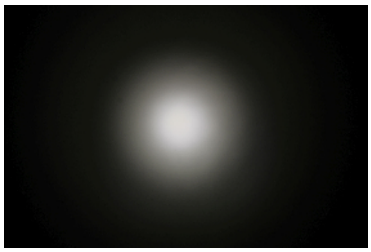


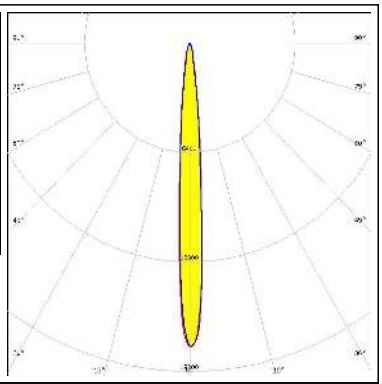


OPTICAL RESULTS (MEASURED):

LUMILEDS

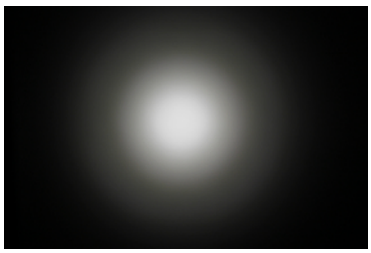
LED	LUXEON Rebel ES
FWHM / FWTM	9.0° / 20.0°
Efficiency	90 %
Peak intensity	17.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

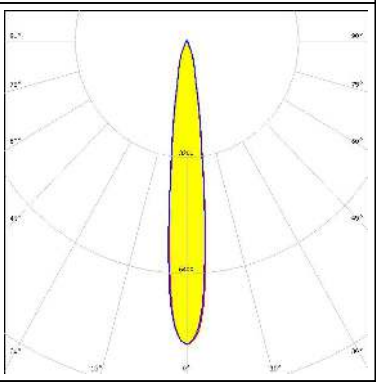




LUMILEDS

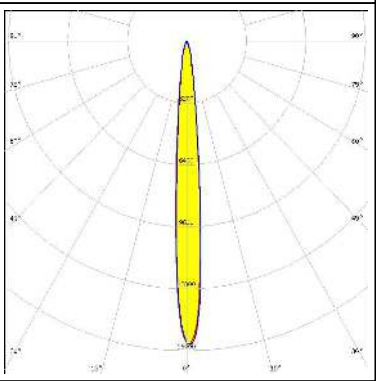
LED	LUXEON V
FWHM / FWTM	14.0° / 32.0°
Efficiency	89 %
Peak intensity	8.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





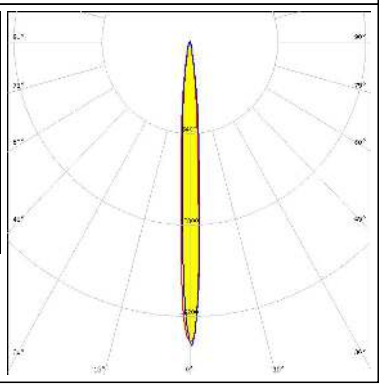
LUMILEDS

LED	LUXEON V2
FWHM / FWTM	9.0° / 22.0°
Efficiency	90 %
Peak intensity	15.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NCSxx19A
FWHM / FWTM	6.8° / 18.0°
Efficiency	89 %
Peak intensity	21.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

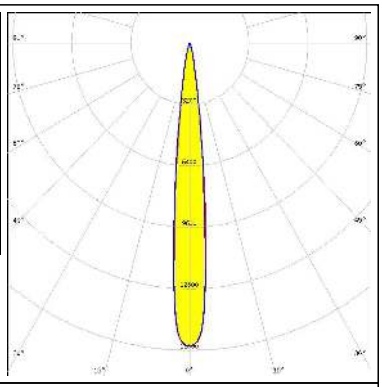


OPTICAL RESULTS (MEASURED):

NICHIA

LED	NVSW219D
FWHM / FWTM	12.0° / 22.0°
Efficiency	93 %
Peak intensity	16 cd/lm
LEDs/each optic	1
Light colour	White

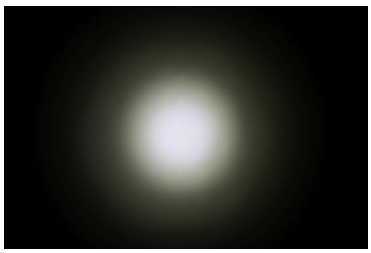
Required components:

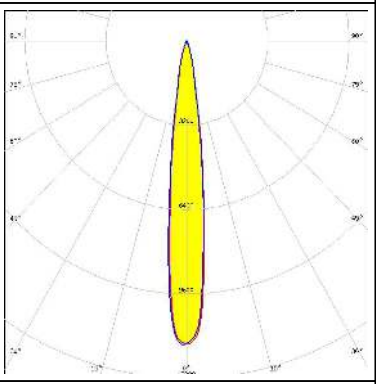


NICHIA

LED	NVSW319B
FWHM / FWTM	13.0° / 27.0°
Efficiency	93 %
Peak intensity	11.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

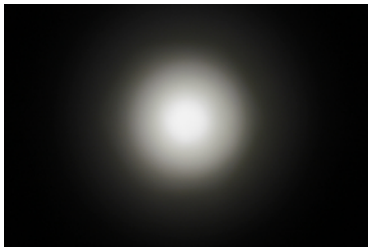


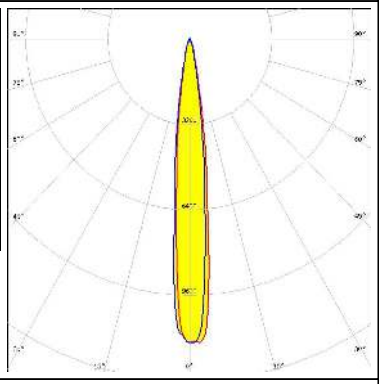


NICHIA

LED	NVSW3x9A
FWHM / FWTM	12.0° / 25.0°
Efficiency	89 %
Peak intensity	11.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

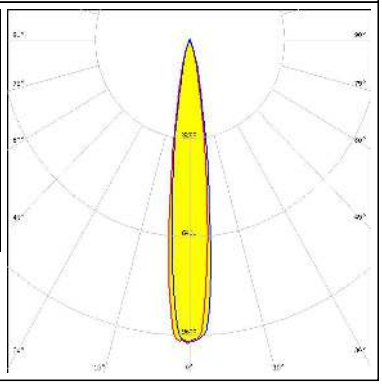




NICHIA

LED	NVSW519A
FWHM / FWTM	14.0° / 30.0°
Efficiency	92 %
Peak intensity	9.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

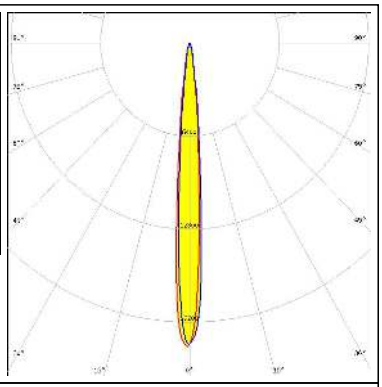


OPTICAL RESULTS (MEASURED):

OSRAM Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	8.6° / 19.0°
Efficiency	92 %
Peak intensity	20.9 cd/lm
LEDs/each optic	1
Light colour	White

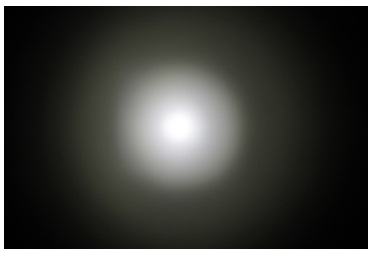
Required components:

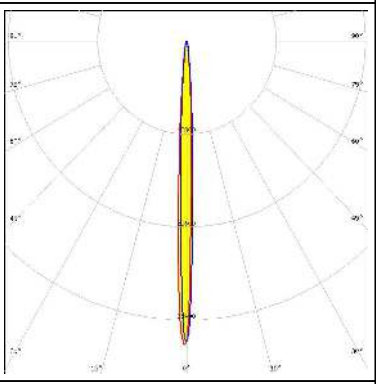


OSRAM Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	5.0° / 13.0°
Efficiency	90 %
Peak intensity	41.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

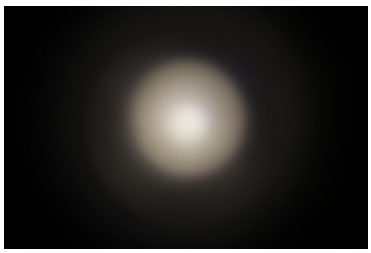


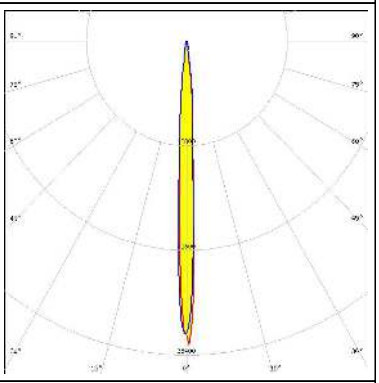


OSRAM Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	5.0° / 14.0°
Efficiency	91 %
Peak intensity	37.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

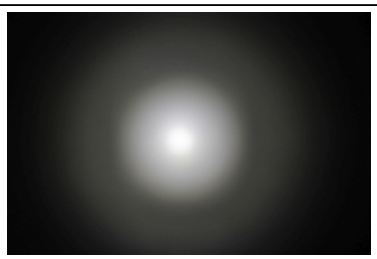


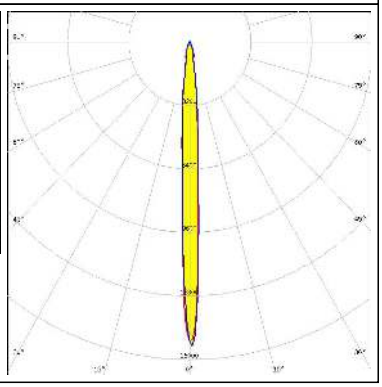


SAMSUNG

LED	LH181A
FWHM / FWTM	6.0° / 19.0°
Efficiency	80 %
Peak intensity	15.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



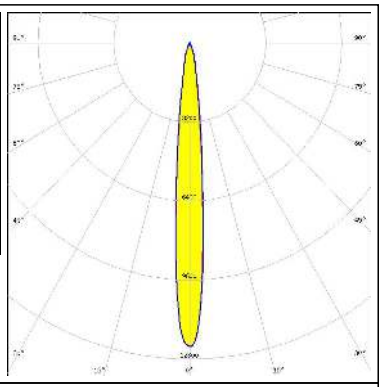


OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

LED	Z5M3
FWHM / FWTM	10.0° / 25.0°
Efficiency	88 %
Peak intensity	12.3 cd/lm
LEDs/each optic	1
Light colour	White

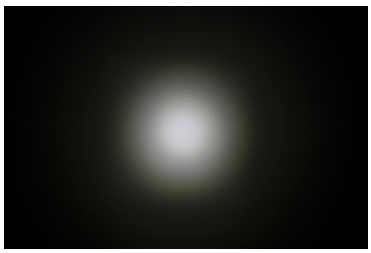
Required components:

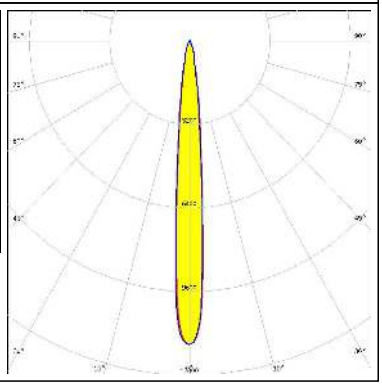


SEOUL SEMICONDUCTOR

LED	Z8Y22P
FWHM / FWTM	10.0° / 24.0°
Efficiency	84 %
Peak intensity	11.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

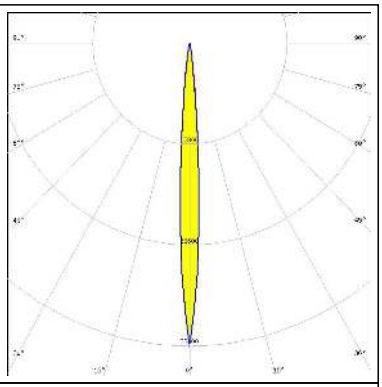




OPTICAL RESULTS (SIMULATED):

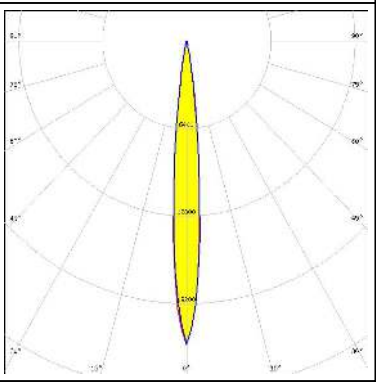
CREE LED

LED	XP-E2
FWHM / FWTM	8.0° / 16.0°
Efficiency	93 %
Peak intensity	38.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



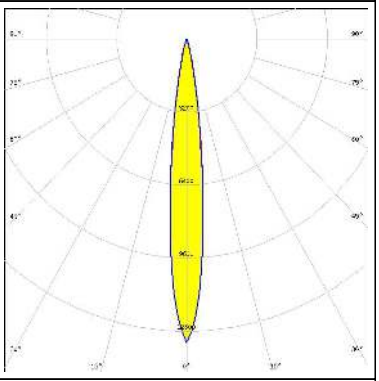
CREE LED

LED	XP-G2
FWHM / FWTM	10.0° / 20.0°
Efficiency	94 %
Peak intensity	22.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



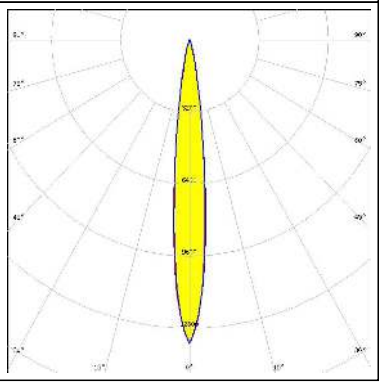
CREE LED

LED	XP-G2 HE
FWHM / FWTM	12.0° / 26.0°
Efficiency	91 %
Peak intensity	13.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

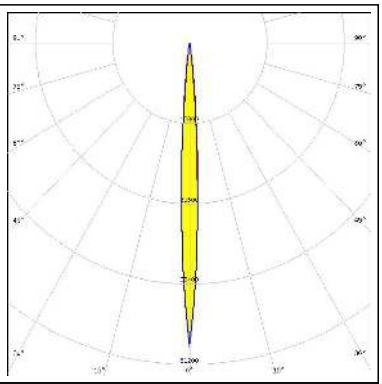
LED	XP-G3
FWHM / FWTM	12.0° / 25.0°
Efficiency	91 %
Peak intensity	13.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

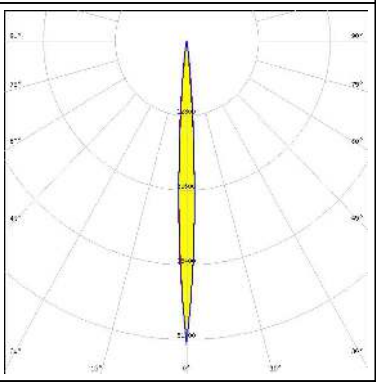
CREE LED

LED	XP-P
FWHM / FWTM	6.0° / 14.0°
Efficiency	93 %
Peak intensity	48.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



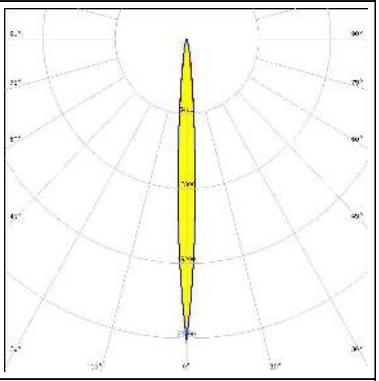
LUMILEDS

LED	LUXEON CZ
FWHM / FWTM	6.0° / 14.0°
Efficiency	92 %
Peak intensity	52.1 cd/lm
LEDs/each optic	1
Light colour	Red
Required components:	



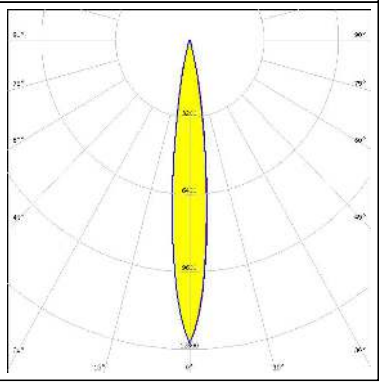
LUMILEDS

LED	LUXEON HL1Z
FWHM / FWTM	6.0° / 18.0°
Efficiency	88 %
Peak intensity	26 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

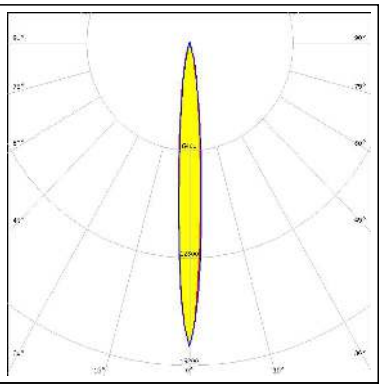
LED	LUXEON HL2X
FWHM / FWTM	14.0° / 26.0°
Efficiency	93 %
Peak intensity	12.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

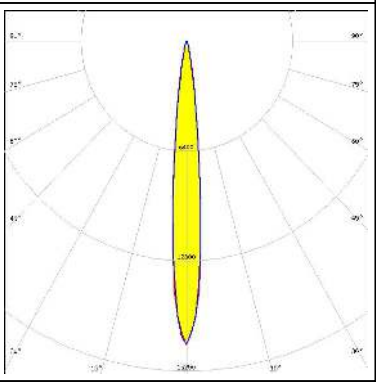
LUMILEDS

LED	LUXEON IR Domed 60
FWHM / FWTM	9.0° / 23.0°
Efficiency	93 %
LEDs/each optic	1
Light colour	IR
Required components:	



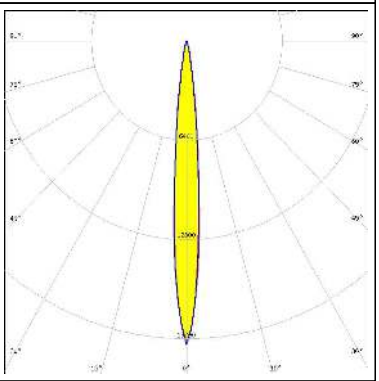
LUMILEDS

LED	LUXEON T
FWHM / FWTM	11.0° / 22.0°
Efficiency	93 %
Peak intensity	17.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



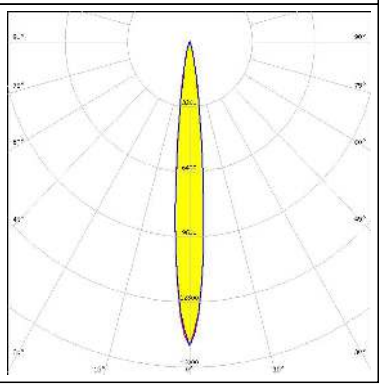
LUMILEDS

LED	LUXEON TX
FWHM / FWTM	9.7° / 21.0°
Efficiency	91 %
Peak intensity	19.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

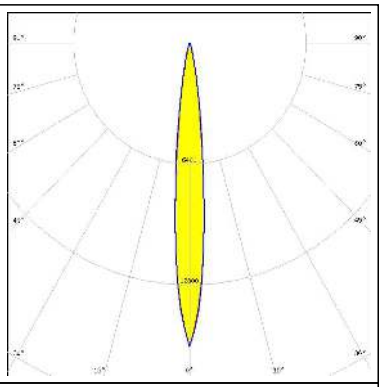
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	11.0° / 23.0°
Efficiency	88 %
Peak intensity	15.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

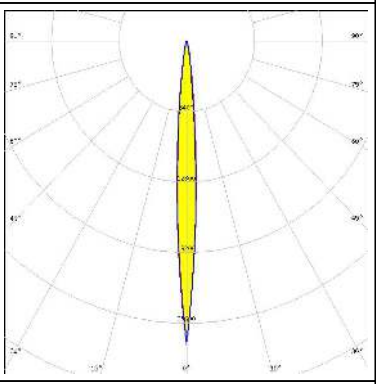
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	12.0° / 24.0°
Efficiency	91 %
Peak intensity	16.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



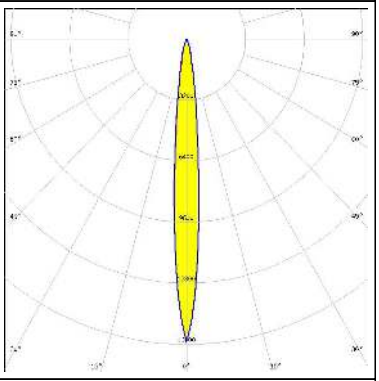
OSRAM
Opto Semiconductors

LED	OSCONIQ P 3030
FWHM / FWTM	8.0° / 18.0°
Efficiency	92 %
Peak intensity	27.6 cd/lm
LEDs/each optic	1
Light colour	Blue
Required components:	



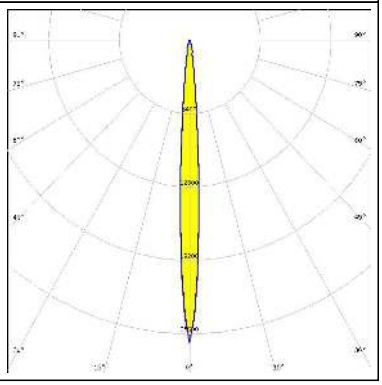
OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 Flat
FWHM / FWTM	10.0° / 24.0°
Efficiency	93 %
Peak intensity	15.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

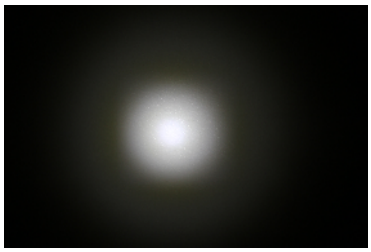
LED	OSLON Black Flat
FWHM / FWTM	8.0° / 16.0°
Efficiency	90 %
Peak intensity	26.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

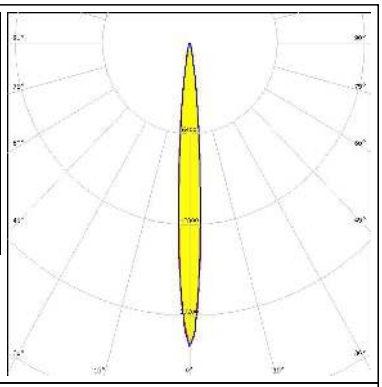


OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors

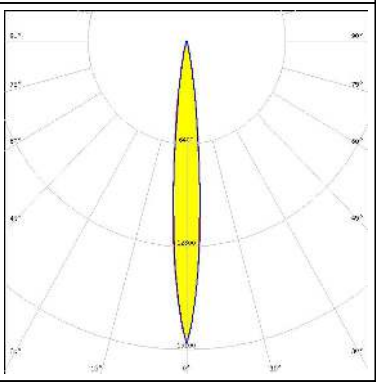
LED	OSLON Square Flat
FWHM / FWTM	8.7° / 19.0°
Efficiency	91 %
Peak intensity	21.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





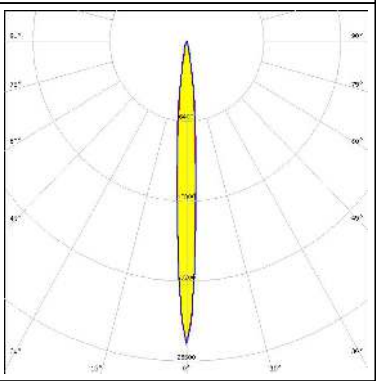
OSRAM Opto Semiconductors

LED	OSLON Square PC
FWHM / FWTM	11.0° / 22.0°
Efficiency	94 %
Peak intensity	18.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



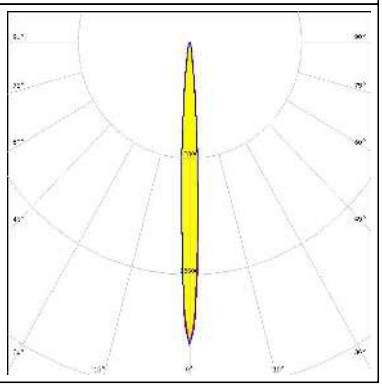
OSRAM Opto Semiconductors

LED	SFH 4715AS
FWHM / FWTM	7.0° / 19.0°
Efficiency	92 %
Peak intensity	24.3 cd/lm
LEDs/each optic	1
Light colour	IR
Required components:	



OSRAM Opto Semiconductors

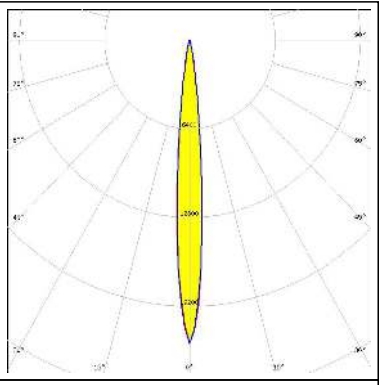
LED	SFH 4716AS
FWHM / FWTM	6.5° / 15.0°
Efficiency	92 %
Peak intensity	33.4 cd/lm
LEDs/each optic	1
Light colour	IR
Required components:	



OPTICAL RESULTS (SIMULATED):

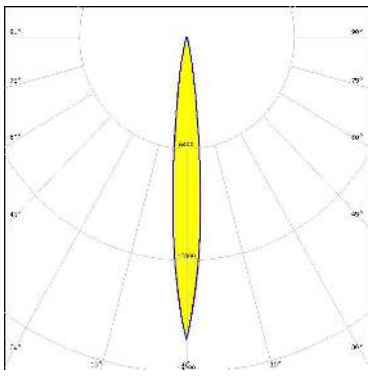
SAMSUNG

LED	LH351A
FWHM / FWTM	9.0° / 20.0°
Efficiency	91 %
Peak intensity	21.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



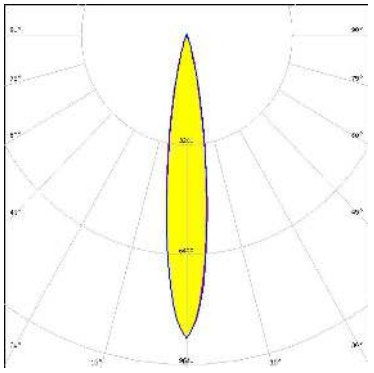
SAMSUNG

LED	LH351B
FWHM / FWTM	10.0° / 23.0°
Efficiency	92 %
Peak intensity	17.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



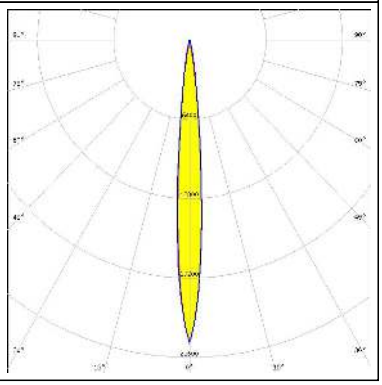
SAMSUNG

LED	LH351D
FWHM / FWTM	16.0° / 30.0°
Efficiency	91 %
Peak intensity	8.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



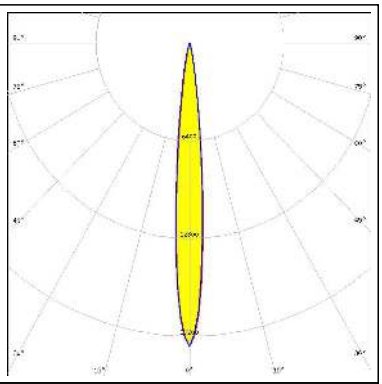
SAMSUNG

LED	LH351Z
FWHM / FWTM	9.0° / 19.0°
Efficiency	93 %
LEDs/each optic	1
Light colour	White
Required components:	

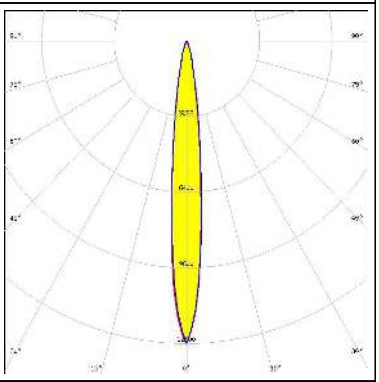


OPTICAL RESULTS (SIMULATED):

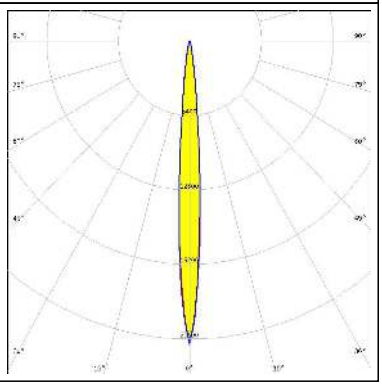
LED	Z5M1/Z5M2
FWHM / FWTM	10.0° / 20.0°
Efficiency	93 %
Peak intensity	19.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	Z5M4
FWHM / FWTM	12.0° / 26.0°
Efficiency	94 %
Peak intensity	12.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LED	Z5P
FWHM / FWTM	8.0° / 17.0°
Efficiency	92 %
Peak intensity	26.1 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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