

G2-LXP2-D-P

~14° diffused spot beam with light, black holder.
Assembly with location pins and installation
tape.

SPECIFICATION:

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

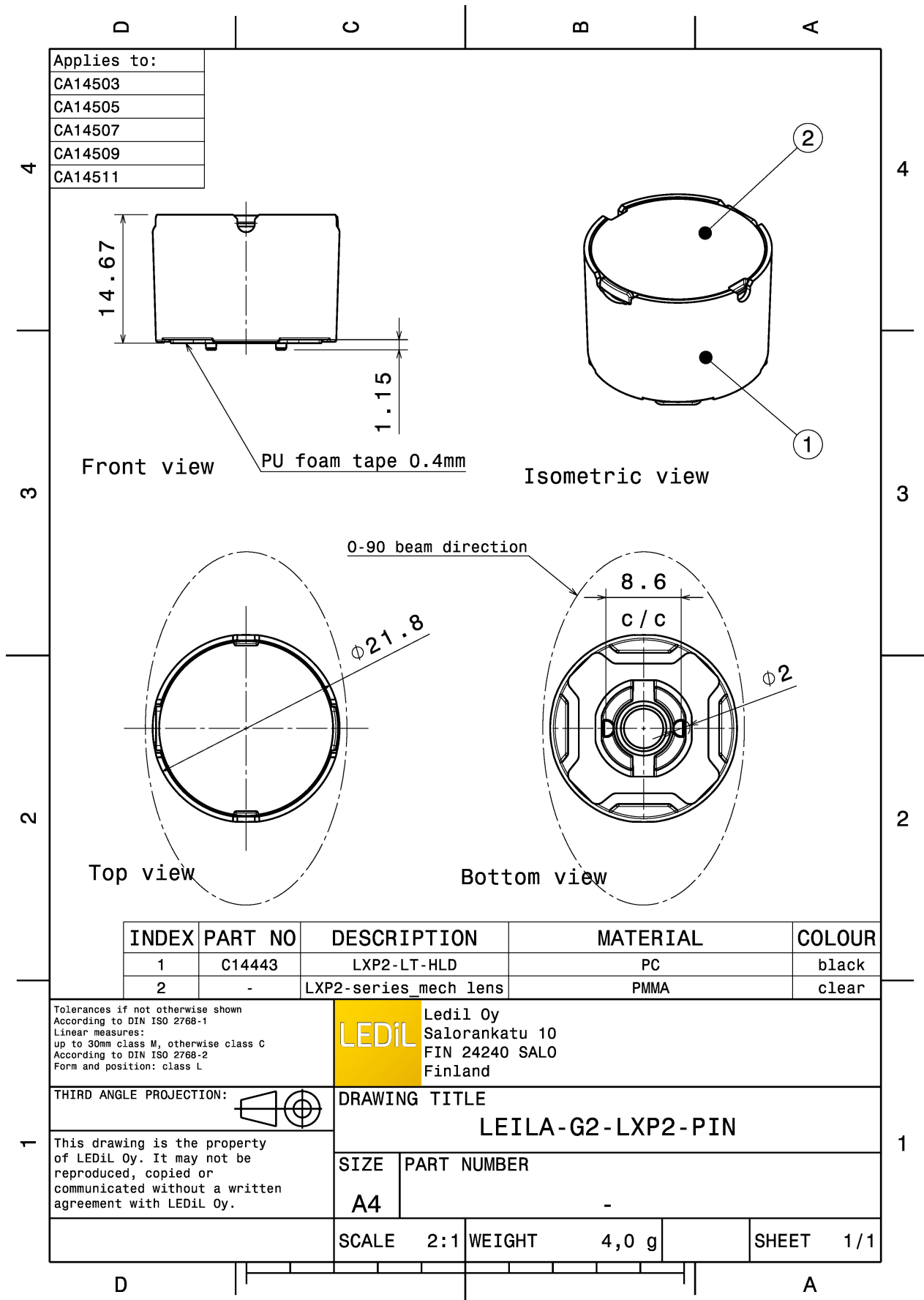


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LXP2-D	Single lens	PMMA	clear		
LXP2-LT-HLD	Holder	PC	black		
HEIDI-TAPE	Tape	Acrylic foam	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA14507_G2-LXP2-D-P » Box size: 480 x 280 x 300 mm	1680		112	8.3



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 Ledil Oy
 Salorankatu 10
 FIN 24240 SALO
 Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
LEILA-G2-LXP2-PIN

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SIZE	PART NUMBER
A4	-

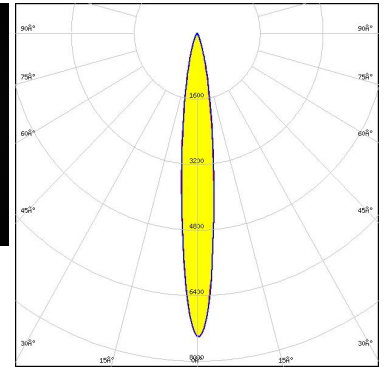
SCALE	2:1	WEIGHT	4,0 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



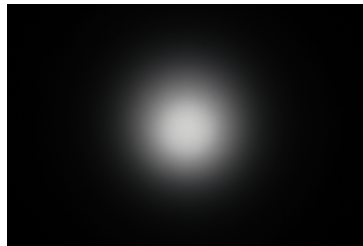
LED XD16
FWHM / FWTM 13.0° / 32.0°
Efficiency 78 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



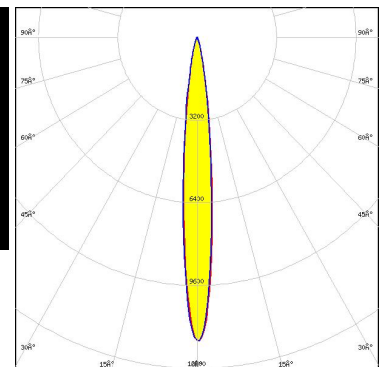
Light distribution files



LED XP-E
FWHM / FWTM 9.7° / 22.0°
Efficiency 88 %
Peak intensity 19.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED XQ-E HD
FWHM / FWTM 11.0° / 25.0°
Efficiency 85 %
Peak intensity 11.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

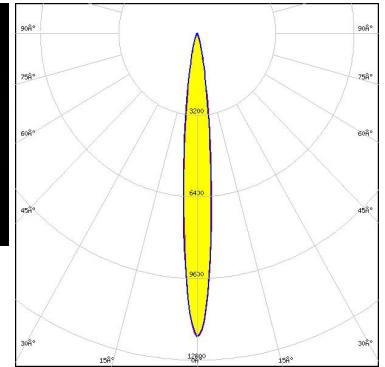
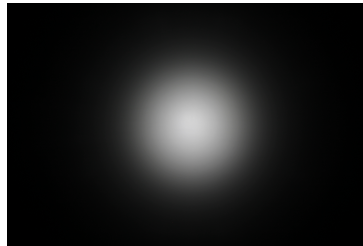


Light distribution files

OPTICAL RESULTS (MEASURED):



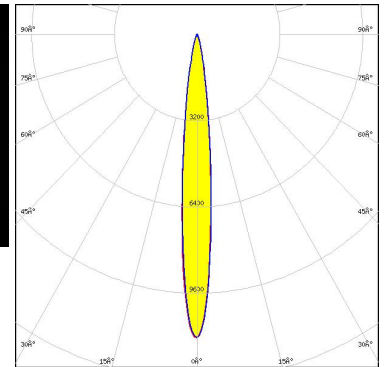
LED XQ-E HI
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 84 %
 Peak intensity 12 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



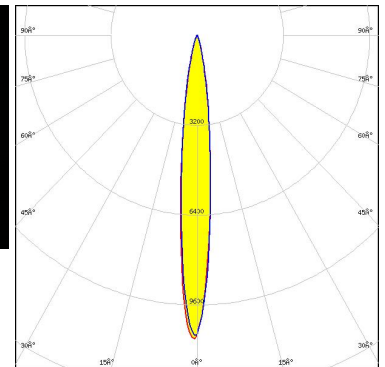
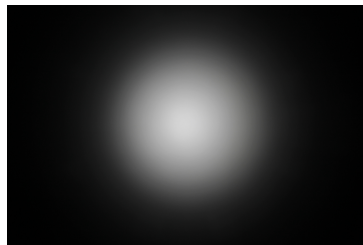
LED LUXEON C
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 80 %
 Peak intensity 11 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON CZ
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 86 %
 Peak intensity 10.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

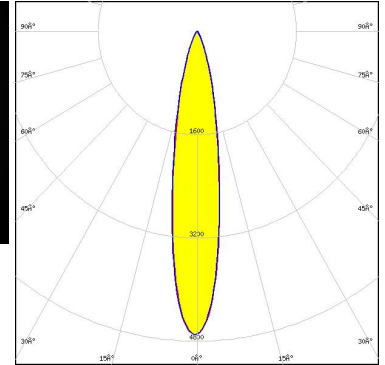


Light distribution files

OPTICAL RESULTS (MEASURED):



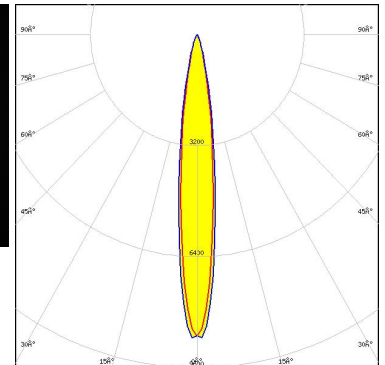
LED LUXEON V
FWHM / FWTM 18.0° / 41.0°
Efficiency 83 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



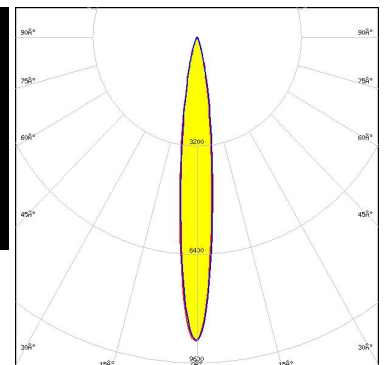
LED LUXEON Z ES
FWHM / FWTM 14.0° / 31.0°
Efficiency 83 %
Peak intensity 8.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

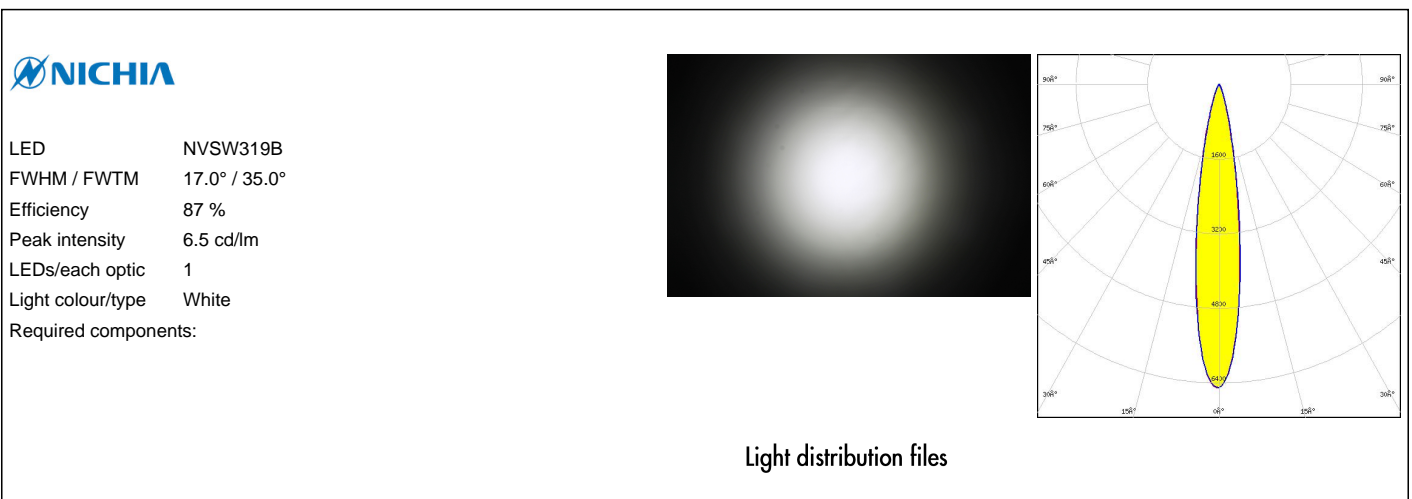
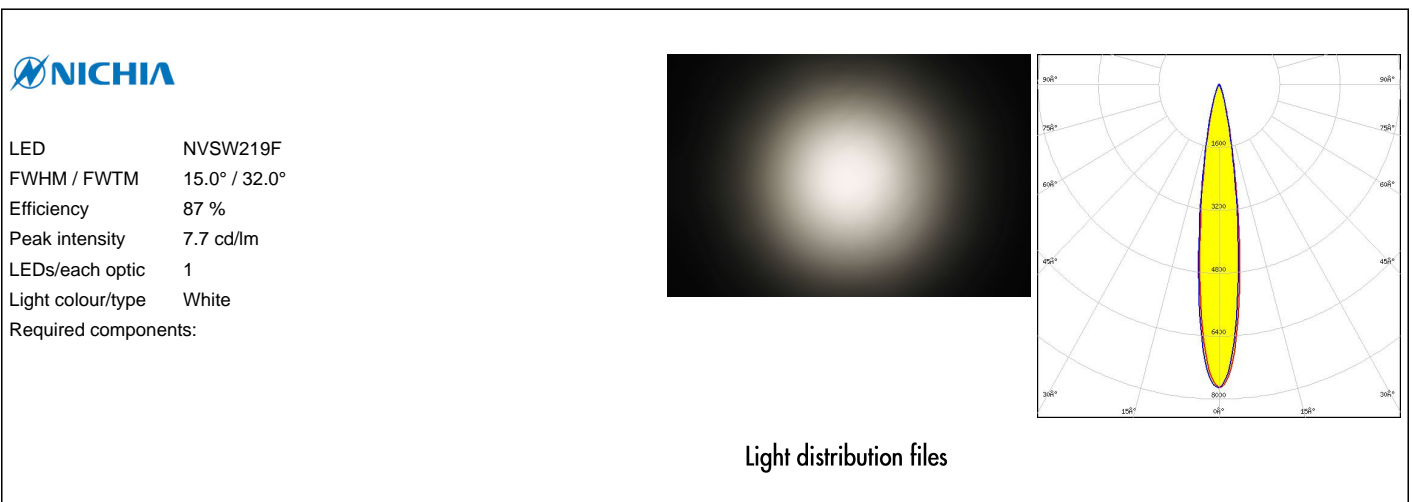
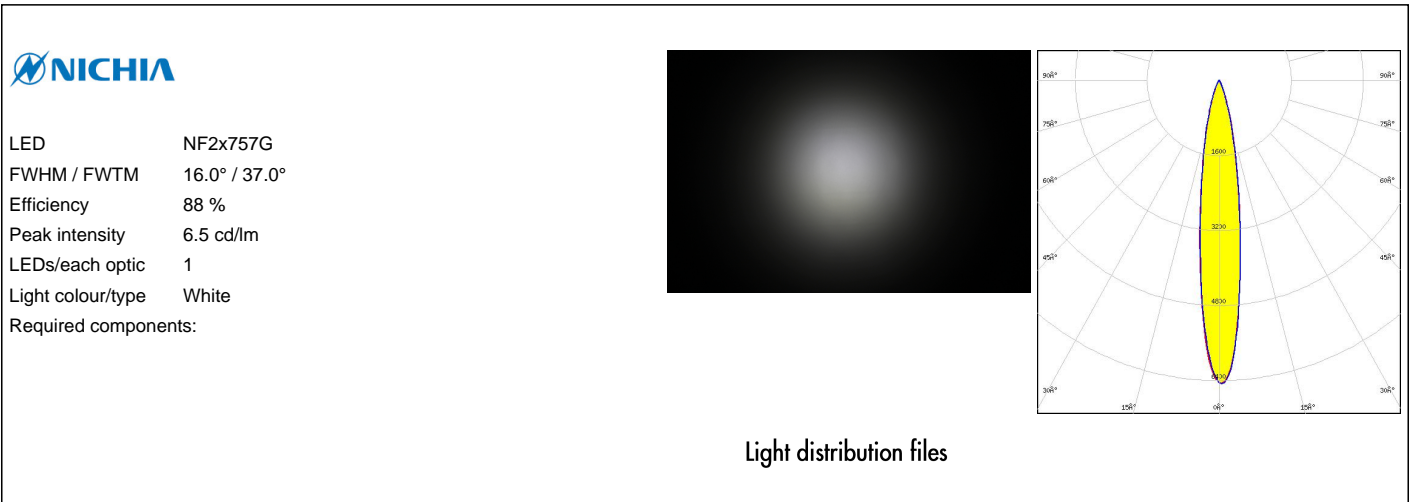


LED NCSxx19A
FWHM / FWTM 13.0° / 30.0°
Efficiency 86 %
Peak intensity 9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

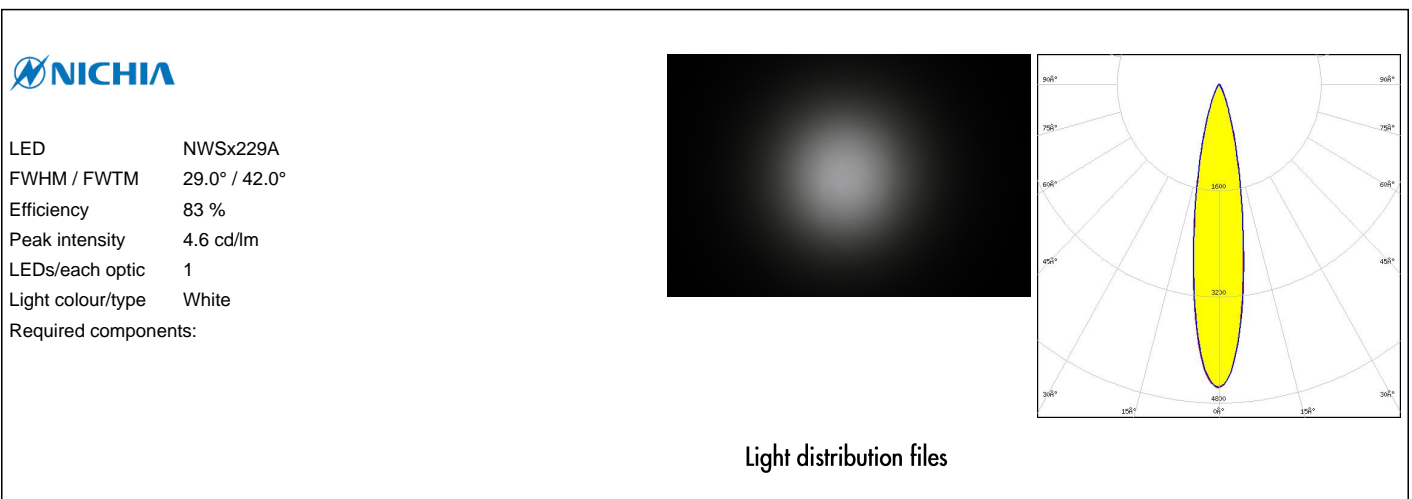
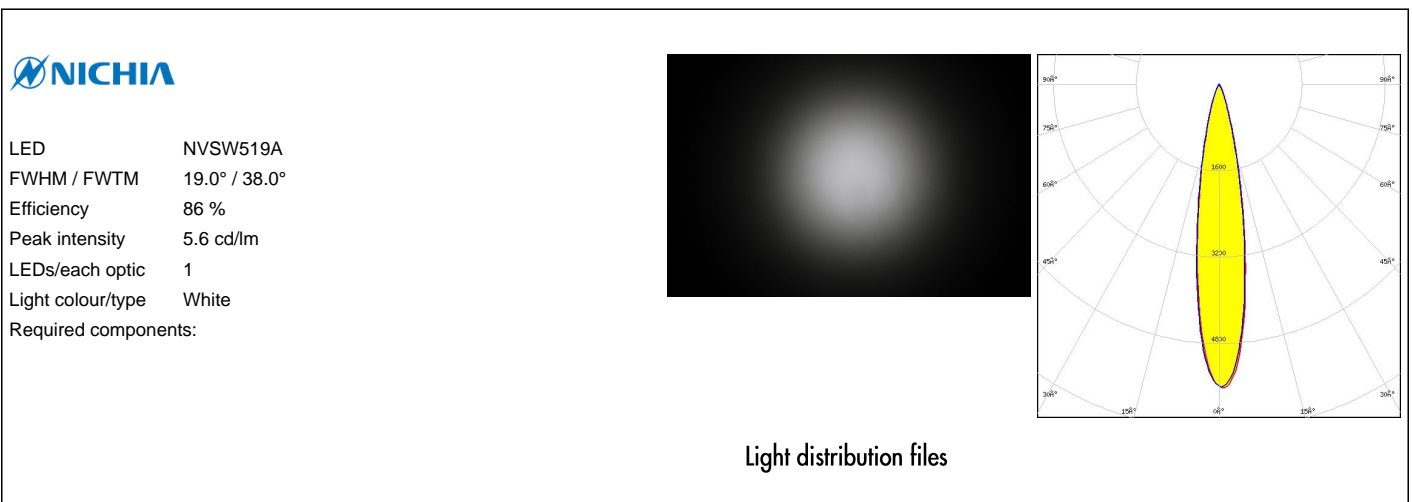
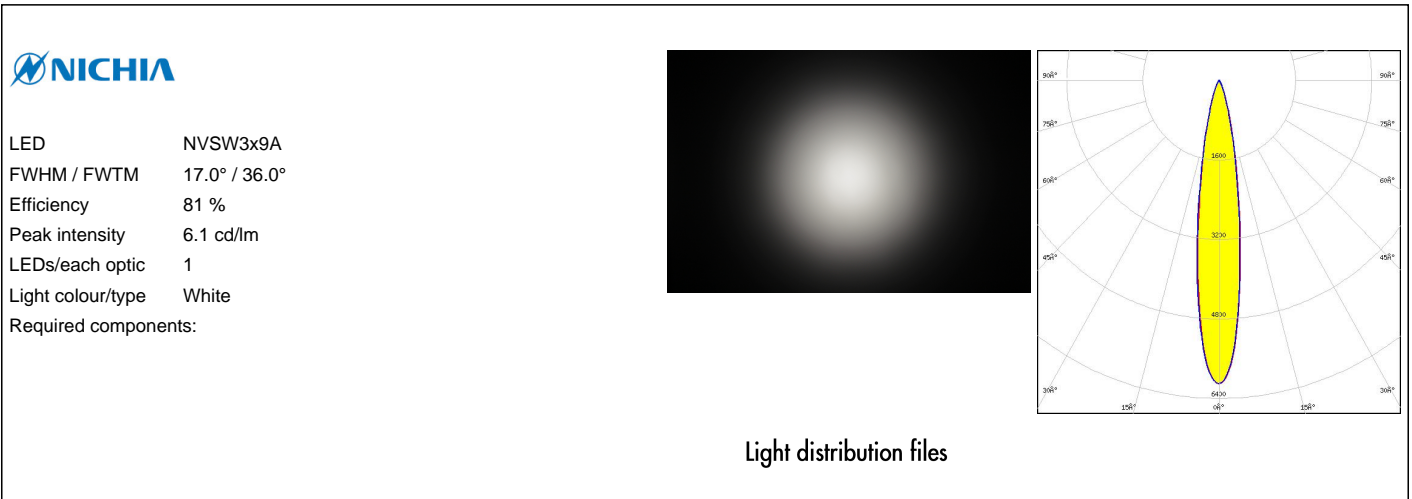


Light distribution files

OPTICAL RESULTS (MEASURED):



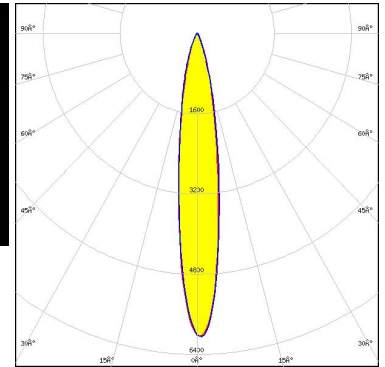
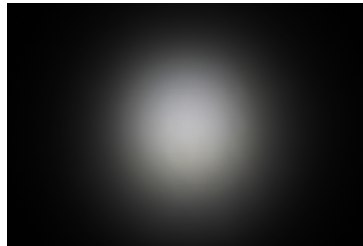
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

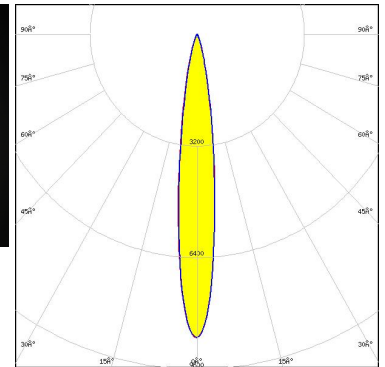
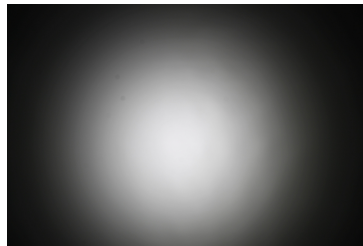
LED Duris S5 (Single chip)
 FWHM / FWTM 16.0° / 38.0°
 Efficiency 86 %
 Peak intensity 6.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

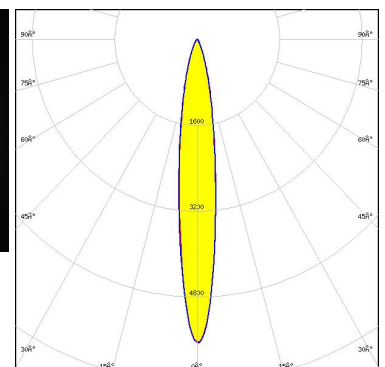
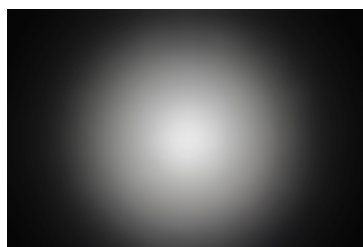
LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 14.0° / 31.0°
 Efficiency 88 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

LED LH181A
 FWHM / FWTM 15.0° / 37.0°
 Efficiency 78 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

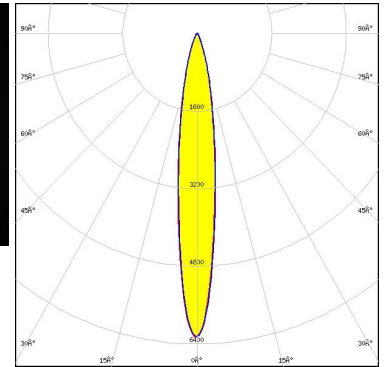


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

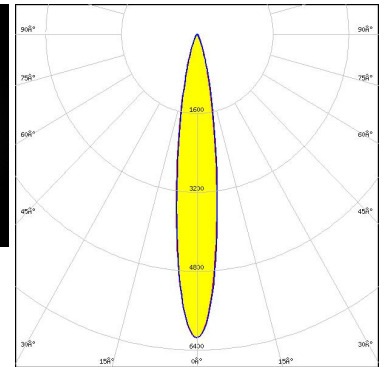
LED LH181B
 FWHM / FWTM 15.0° / 37.0°
 Efficiency 82 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



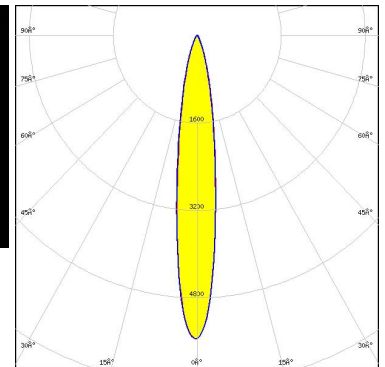
LED Z5M3
 FWHM / FWTM 16.0° / 36.0°
 Efficiency 84 %
 Peak intensity 6.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z8Y22P
 FWHM / FWTM 15.0° / 37.0°
 Efficiency 78 %
 Peak intensity 5.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

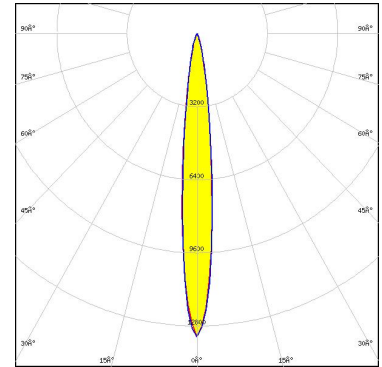


Light distribution files

OPTICAL RESULTS (SIMULATED):



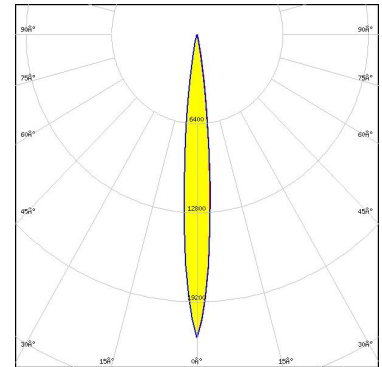
LED J Series 2835
FWHM / FWTM 12.0° / 26.0°
Efficiency 93 %
Peak intensity 13.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



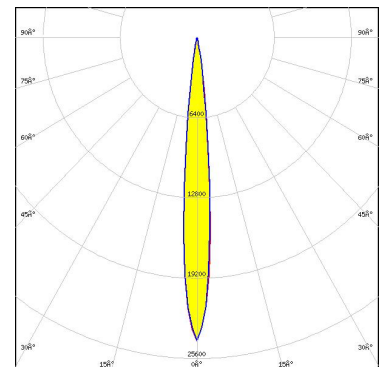
LED XP-E2
FWHM / FWTM 10.0° / 20.0°
Efficiency 92 %
Peak intensity 21.8 cd/lm
LEDs/each optic 1
Light colour/type Amber
Required components:



Light distribution files



LED XP-G2
FWHM / FWTM 10.0° / 19.0°
Efficiency 94 %
Peak intensity 24.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

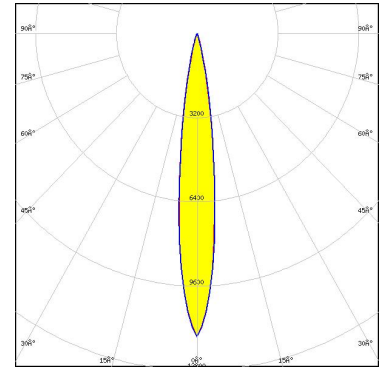


Light distribution files

OPTICAL RESULTS (SIMULATED):



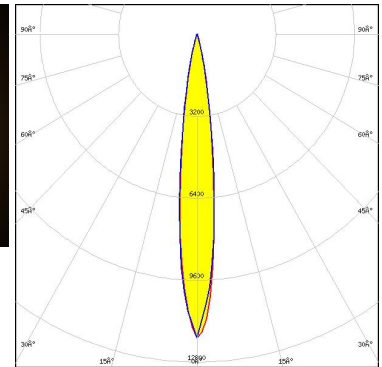
LED XP-G2 HE
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 91 %
 Peak intensity 11.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



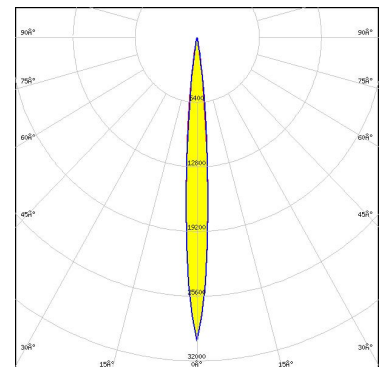
LED XP-G3
 FWHM / FWTM 14.0° / 27.0°
 Efficiency 91 %
 Peak intensity 11.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-P
 FWHM / FWTM 8.0° / 18.0°
 Efficiency 93 %
 Peak intensity 30 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

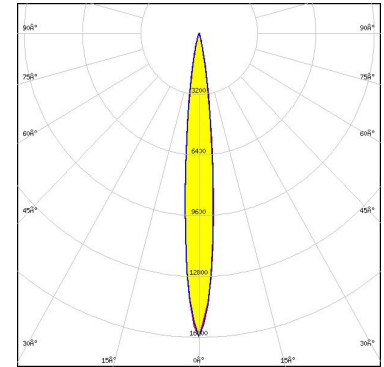


Light distribution files

OPTICAL RESULTS (SIMULATED):



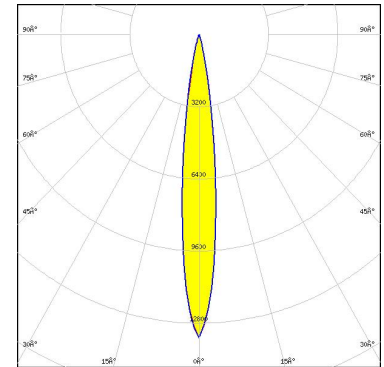
LED XT-E
FWHM / FWTM 11.0° / 23.0°
Efficiency 90 %
Peak intensity 16 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON HL2X
FWHM / FWTM 14.0° / 26.0°
Efficiency 93 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

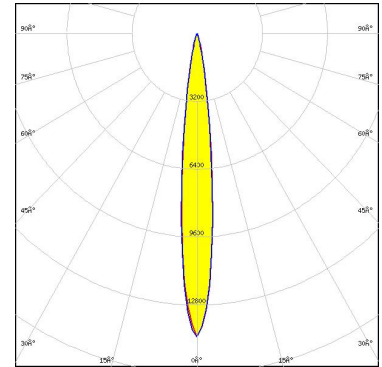


LED LUXEON IR Compact
FWHM / FWTM 8.0° / 17.0°
Efficiency 84 %
LEDs/each optic 1
Light colour/type White
Required components:

OPTICAL RESULTS (SIMULATED):



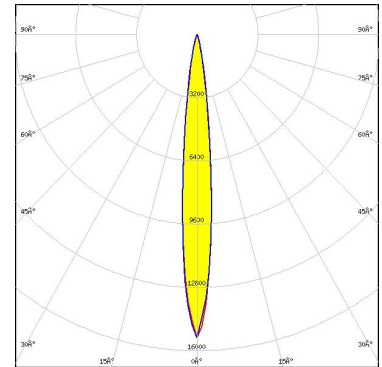
LED LUXEON T
FWHM / FWTM 12.0° / 24.0°
Efficiency 93 %
Peak intensity 14.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



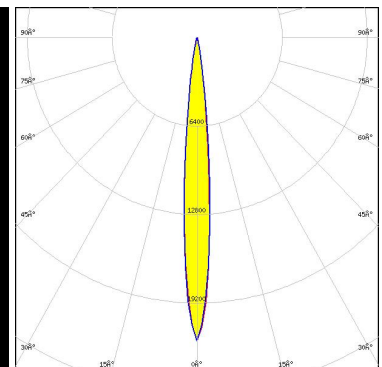
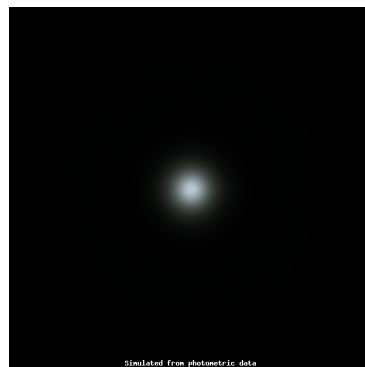
LED LUXEON TX
FWHM / FWTM 11.0° / 24.0°
Efficiency 92 %
Peak intensity 15.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

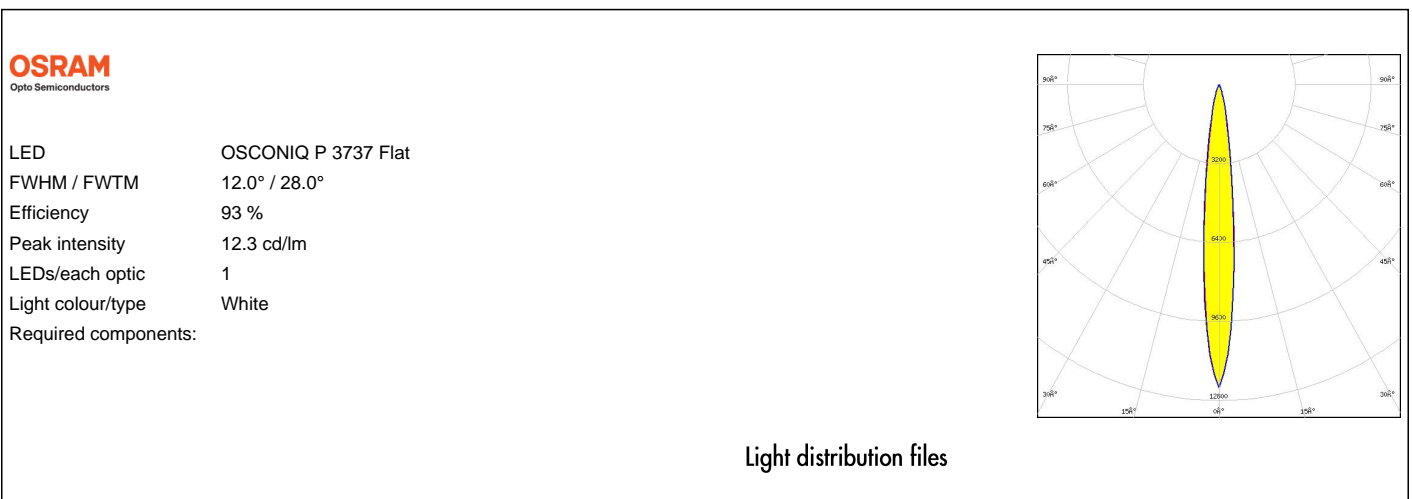
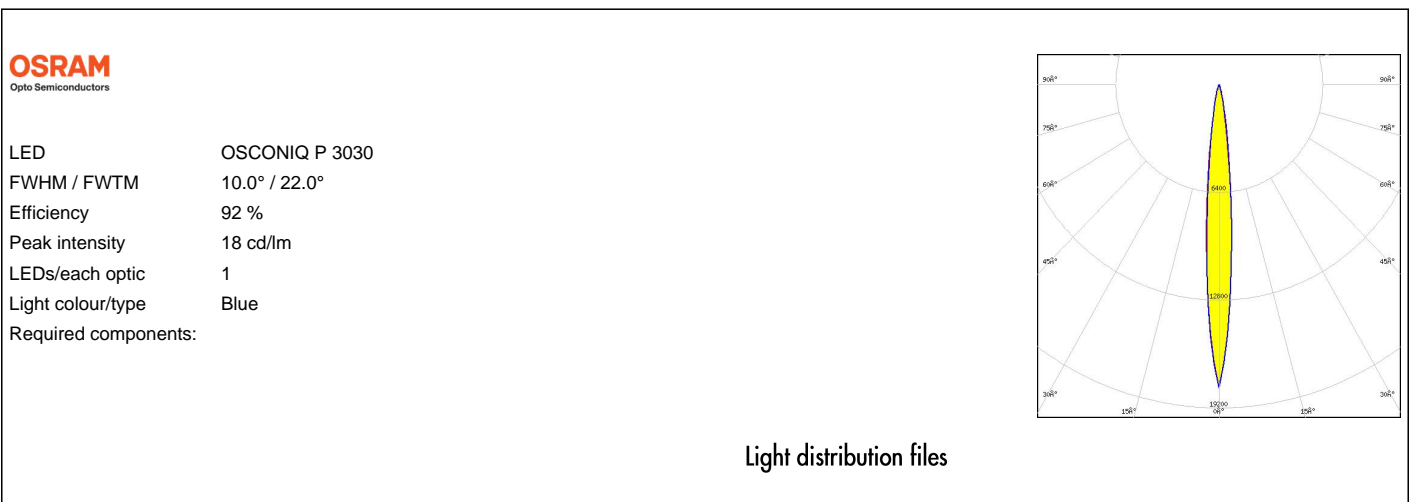
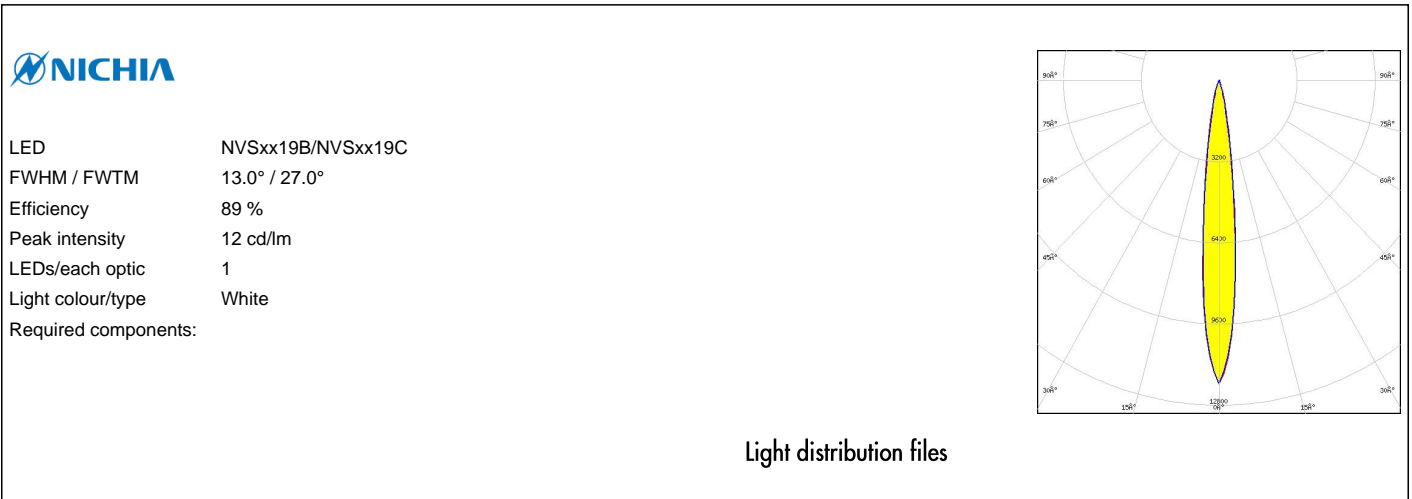


LED SST-12
FWHM / FWTM 10.0° / 20.0°
Efficiency 92 %
Peak intensity 21.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

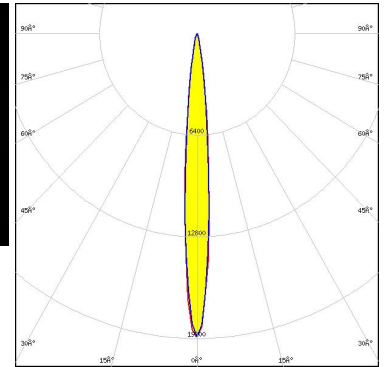
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

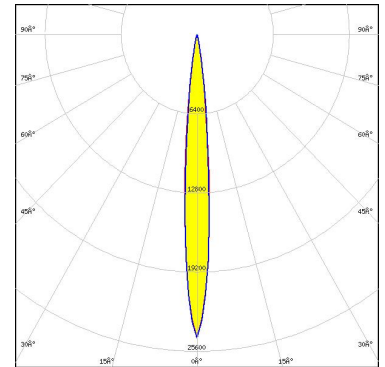
LED OSLON Square Flat
 FWHM / FWTM 9.4° / 20.0°
 Efficiency 91 %
 Peak intensity 19.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

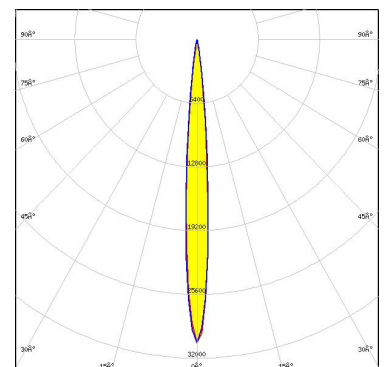
LED OSLON SSL 150
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 93 %
 Peak intensity 24.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SSL 80
 FWHM / FWTM 8.3° / 17.0°
 Efficiency 92 %
 Peak intensity 30.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

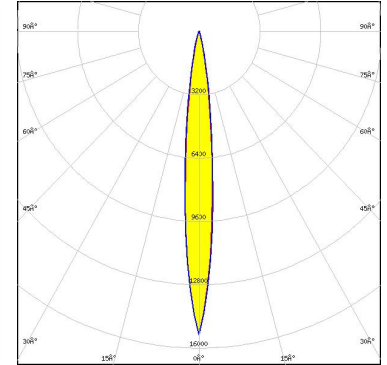
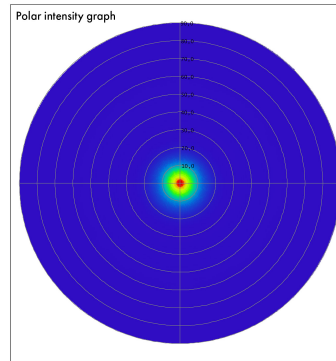


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED SFH 4715AS
 FWHM / FWTM 11.0° / 24.0°
 Efficiency 92 %
 Peak intensity 15.8 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:



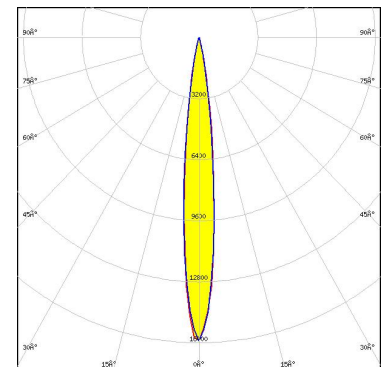
Light distribution files

OSRAM
Opto Semiconductors

LED SFH 4770S
 FWHM / FWTM 9.0° / 26.0°
 Efficiency 85 %
 LEDs/each optic 1
 Light colour/type White
 Required components:

SAMSUNG

LED LH351A
 FWHM / FWTM 11.0° / 23.0°
 Efficiency 91 %
 Peak intensity 15.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

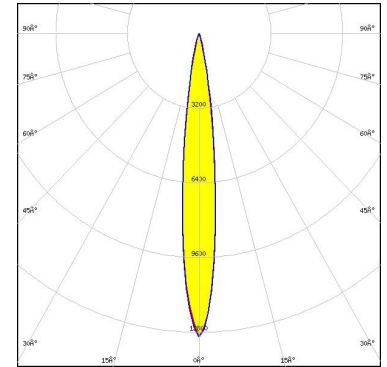


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH351B
FWHM / FWTM 12.0° / 26.0°
Efficiency 92 %
Peak intensity 13 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

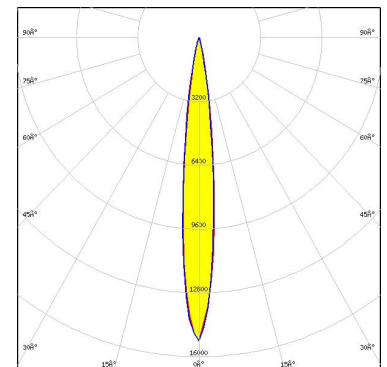
SAMSUNG

LED LH351C
FWHM / FWTM 18.0° / 32.0°
Efficiency 93 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files


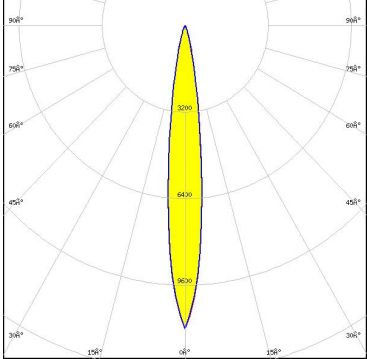


LED Z5M1/Z5M2
FWHM / FWTM 12.0° / 23.0°
Efficiency 93 %
Peak intensity 15.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:


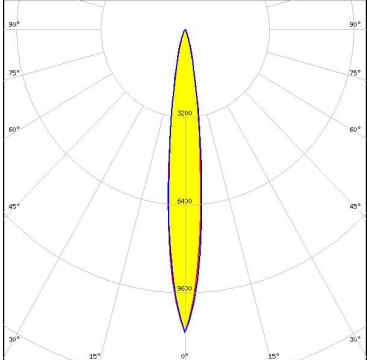


Light distribution files


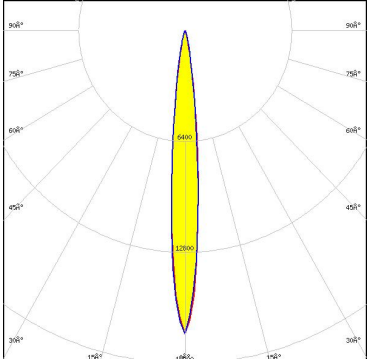
OPTICAL RESULTS (SIMULATED):

 <small>SEOUL SEMICONDUCTOR</small>		
LED	Z5M3	
FWHM / FWTM	14.0° / 28.0°	
Efficiency	93 %	
Peak intensity	11.2 cd/m	
LEDs/each optic	1	
Light colour/type	White	
Required components:		

Light distribution files

 <small>SEOUL SEMICONDUCTOR</small>		
LED	Z5M4	
FWHM / FWTM	13.0° / 30.0°	
Efficiency	94 %	
Peak intensity	11.1 cd/m	
LEDs/each optic	1	
Light colour/type	White	
Required components:		

Light distribution files

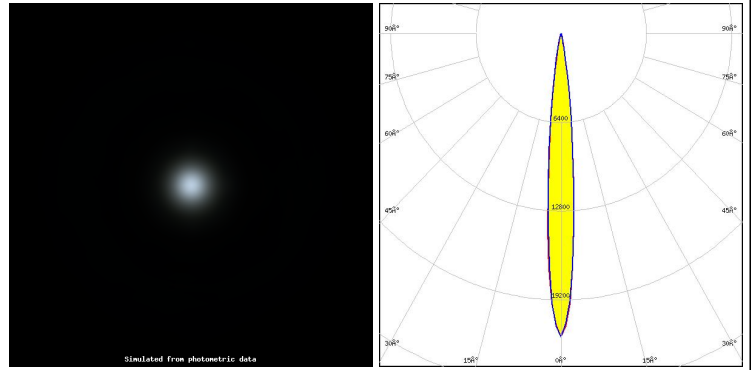
 <small>SEOUL SEMICONDUCTOR</small>		
LED	Z5P	
FWHM / FWTM	10.0° / 22.0°	
Efficiency	92 %	
Peak intensity	17.5 cd/m	
LEDs/each optic	1	
Light colour/type	White	
Required components:		

Light distribution files

OPTICAL RESULTS (SIMULATED):

LEDiL[®]

LED	SST-12 Gen2
FWHM / FWTM	10.0° / 20.0°
Efficiency	93 %
Peak intensity	21.9 cd/m
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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.

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