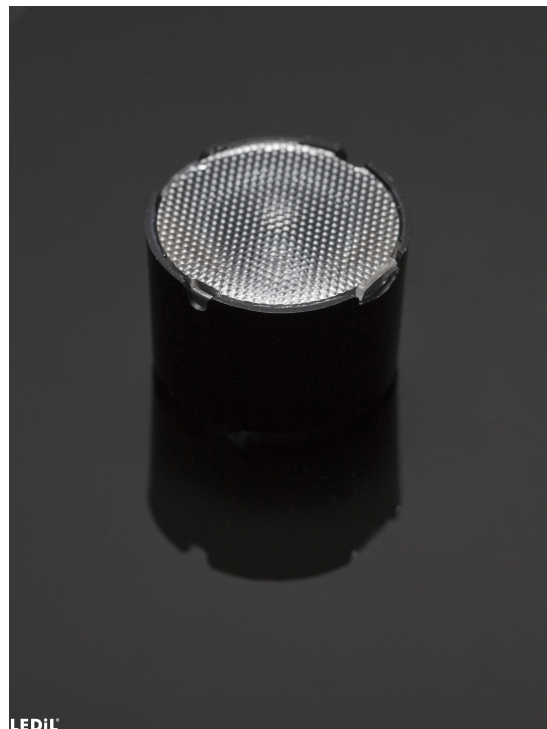


G2-LXP2-M-P

~20° medium beam with light, black holder.
Assembly with location pins and installation
tape.

SPECIFICATION:

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

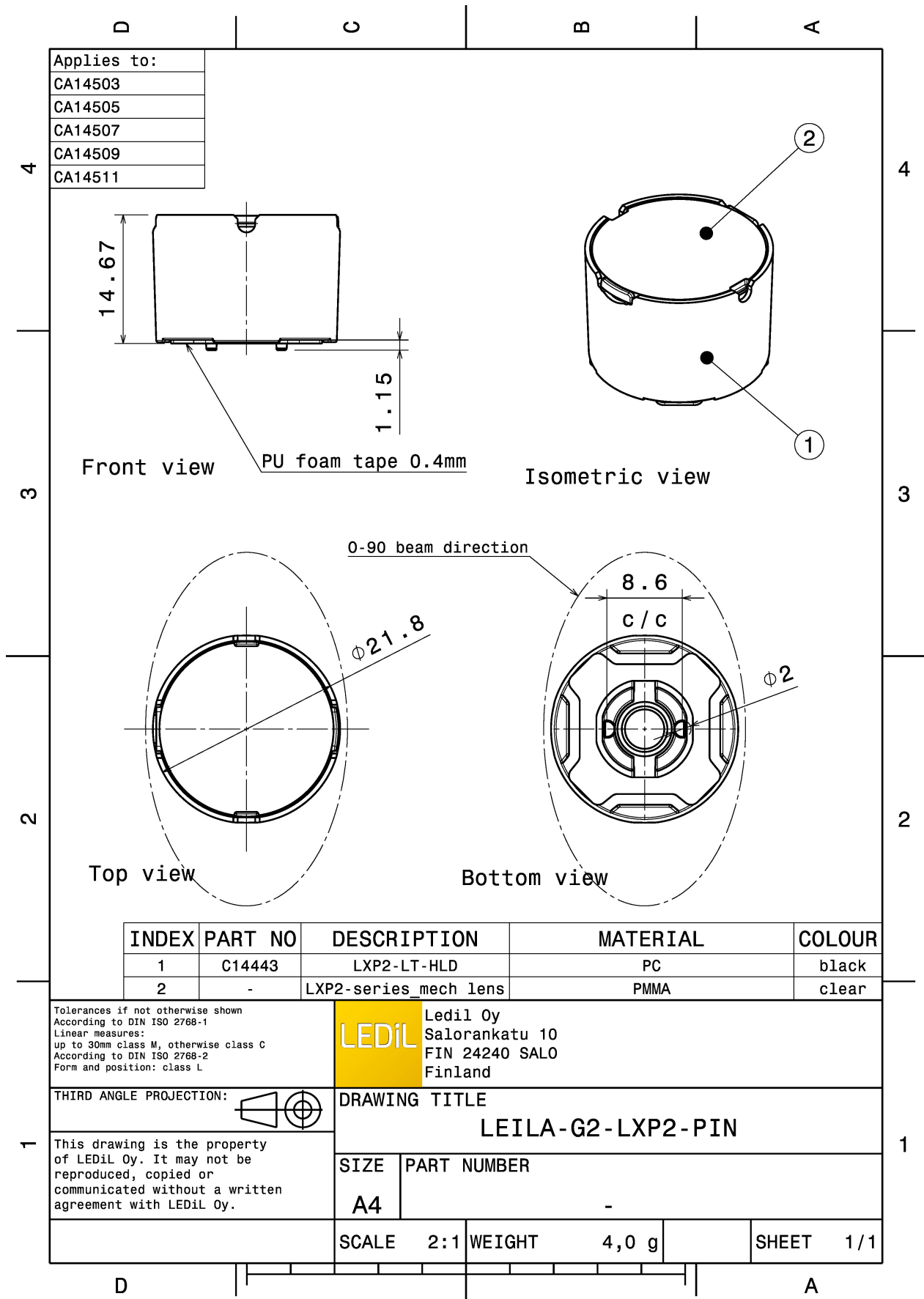


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LXP2-M	Single lens	PMMA	clear		
LXP2-LT-HLD	Holder	PC	black		
HEIDI-TAPE	Tape	Acryl tape	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA14509_G2-LXP2-M-P » Box size:	1680	336	112	8.1

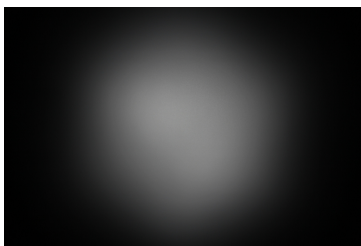


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



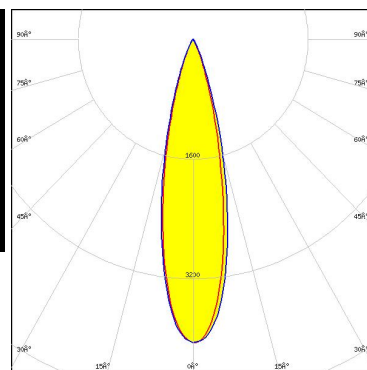
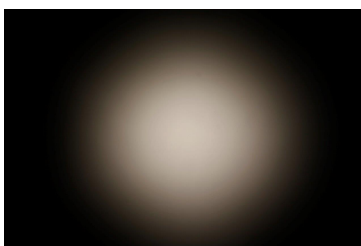
LED XP-E
FWHM / FWTM 22.0° / 40.0°
Efficiency 88 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



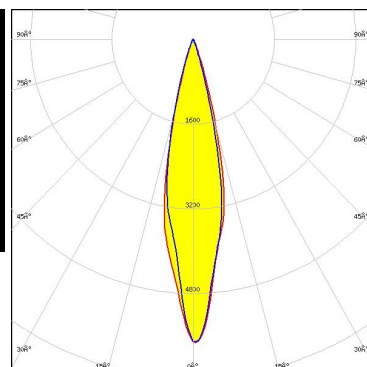
LED XP-L HD
FWHM / FWTM 24.0° / 44.0°
Efficiency 86 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XQ-E HD
FWHM / FWTM 22.0° / 37.0°
Efficiency 86 %
Peak intensity 5.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

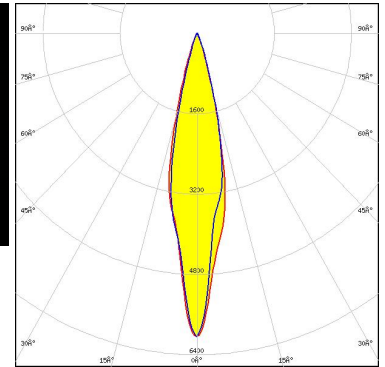
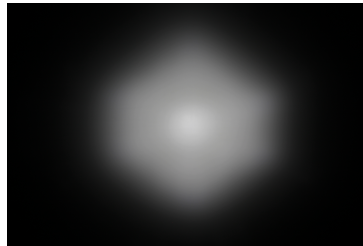


Light distribution files

OPTICAL RESULTS (MEASURED):



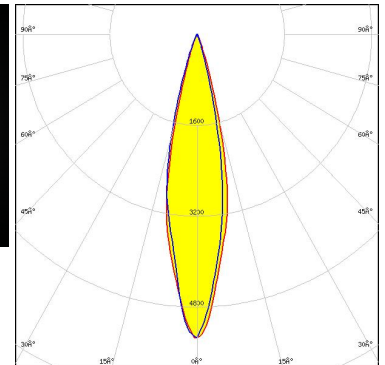
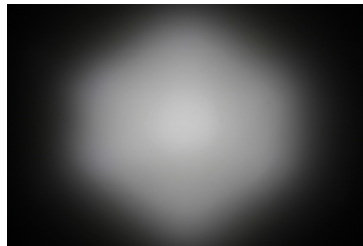
LED XQ-E HI
 FWHM / FWTM 21.0° / 37.0°
 Efficiency 85 %
 Peak intensity 6.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



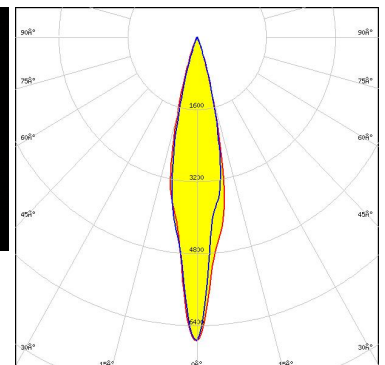
LED LUXEON C
 FWHM / FWTM 23.0° / 38.0°
 Efficiency 82 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON CZ
 FWHM / FWTM 20.0° / 37.0°
 Efficiency 89 %
 Peak intensity 6.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

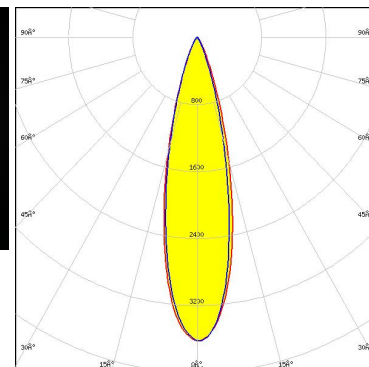
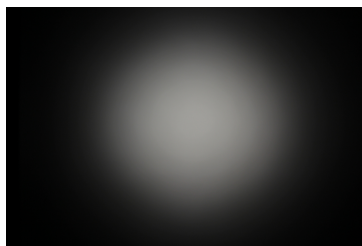


Light distribution files

OPTICAL RESULTS (MEASURED):



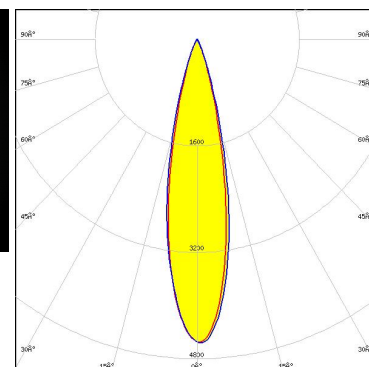
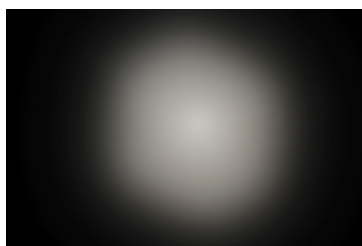
LED LUXEON V
 FWHM / FWTM 26.0° / 48.0°
 Efficiency 86 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



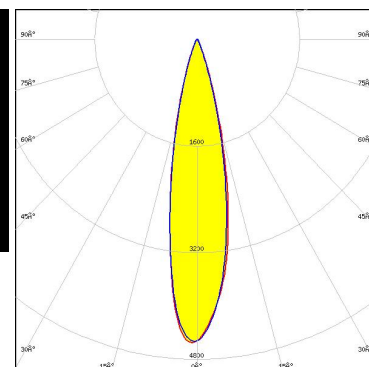
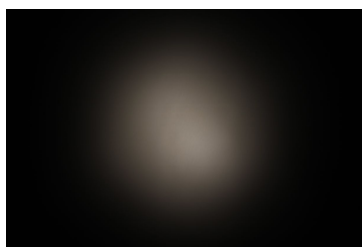
LED LUXEON V2
 FWHM / FWTM 23.0° / 41.0°
 Efficiency 89 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NCSxx19A
 FWHM / FWTM 22.0° / 40.0°
 Efficiency 86 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

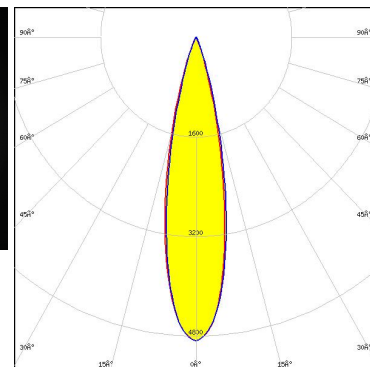
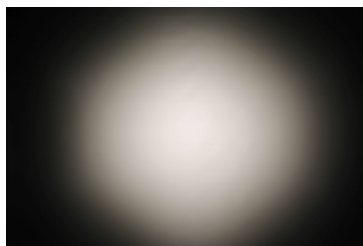


Light distribution files

OPTICAL RESULTS (MEASURED):



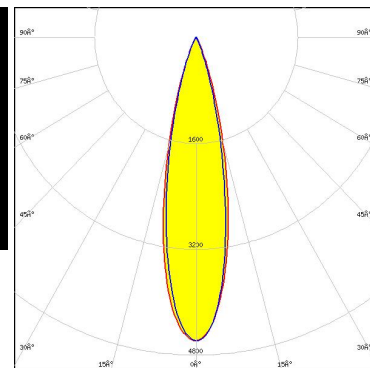
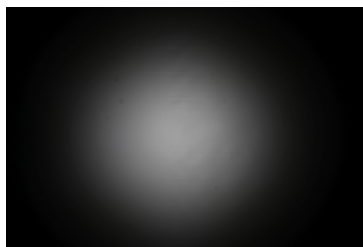
LED NVSW219F
 FWHM / FWTM 23.0° / 40.0°
 Efficiency 90 %
 Peak intensity 4.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



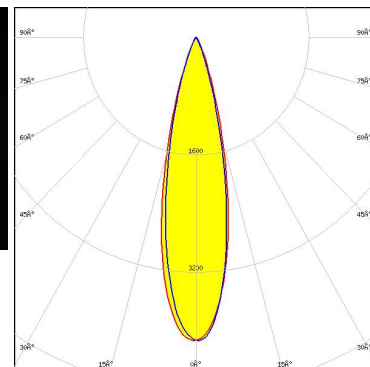
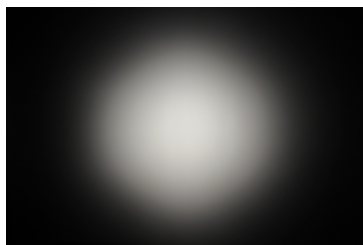
LED NVSW319B
 FWHM / FWTM 24.0° / 43.0°
 Efficiency 90 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSW3x9A
 FWHM / FWTM 24.0° / 44.0°
 Efficiency 86 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

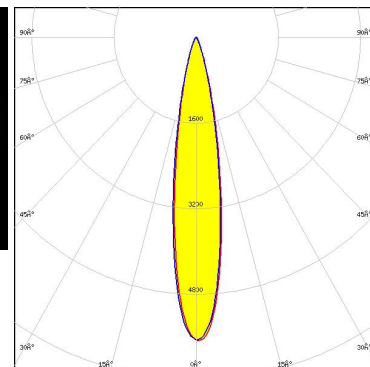
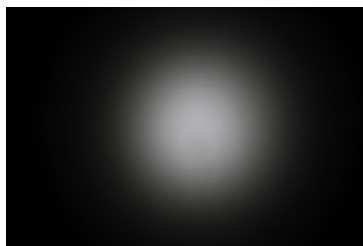


Light distribution files

OPTICAL RESULTS (MEASURED):



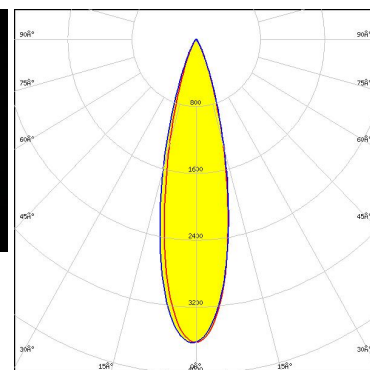
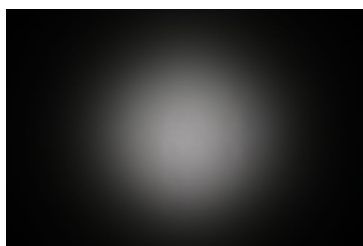
LED NVSW519A
 FWHM / FWTM 18.0° / 37.0°
 Efficiency 86 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



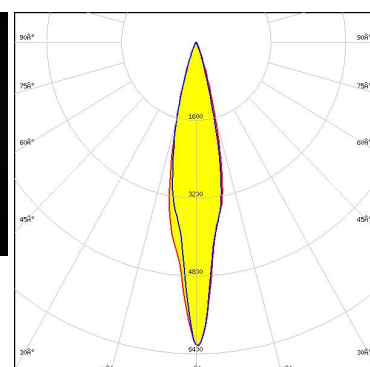
LED NWSx229A
 FWHM / FWTM 25.0° / 47.0°
 Efficiency 86 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED OSLOM Black Flat (LUW HWQP)
 FWHM / FWTM 20.0° / 38.0°
 Efficiency 87 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

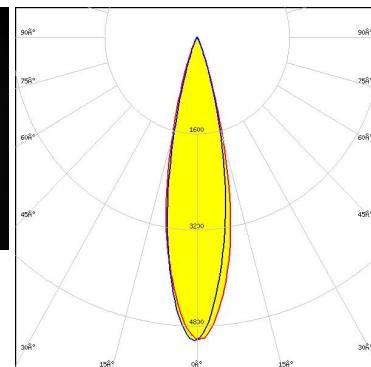
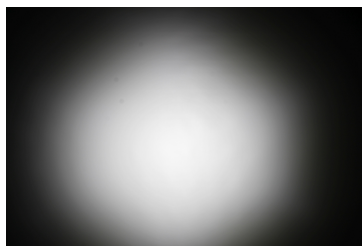


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

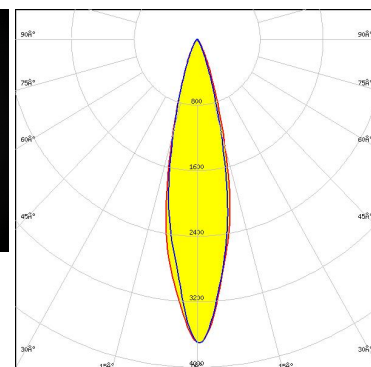
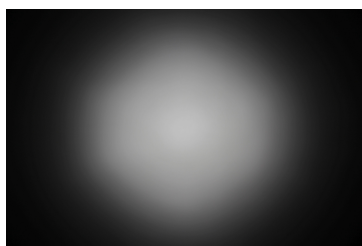
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 24.0° / 41.0°
Efficiency 90 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

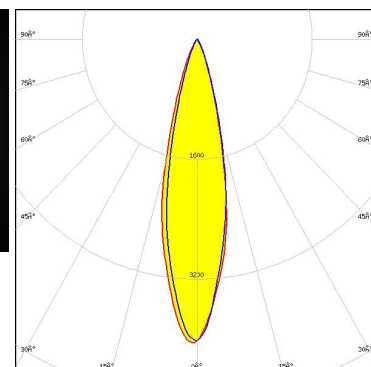
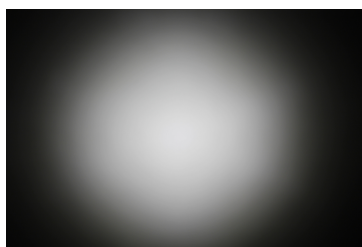
LED LH181A
FWHM / FWTM 24.0° / 45.0°
Efficiency 80 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH181B
FWHM / FWTM 25.0° / 46.0°
Efficiency 85 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

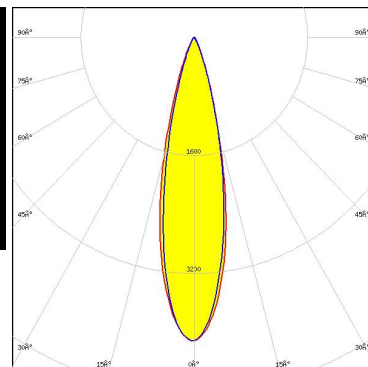


Light distribution files

OPTICAL RESULTS (MEASURED):



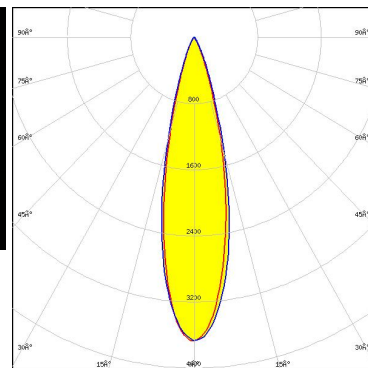
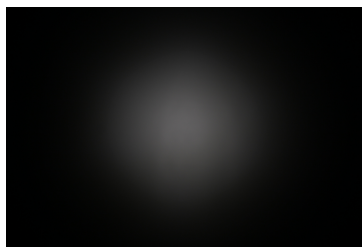
LED Z5M3
 FWHM / FWTM 24.0° / 44.0°
 Efficiency 86 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z8Y22P
 FWHM / FWTM 26.0° / 46.0°
 Efficiency 81 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

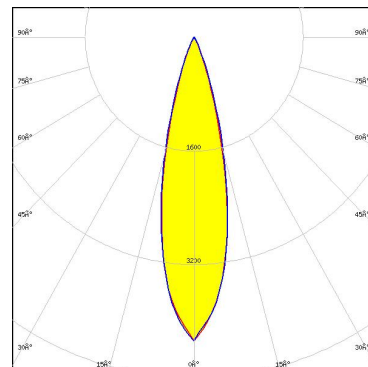


Light distribution files

OPTICAL RESULTS (SIMULATED):



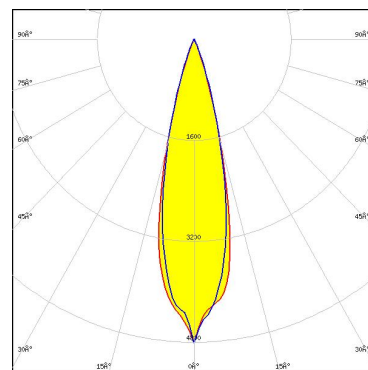
LED J Series 2835
 FWHM / FWTM 26.0° / 45.0°
 Efficiency 92 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



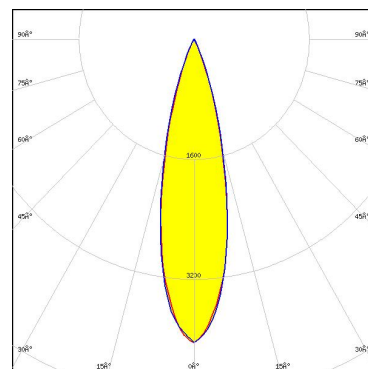
LED XP-G2
 FWHM / FWTM 25.0° / 41.0°
 Efficiency 93 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-G2 HE
 FWHM / FWTM 26.0° / 45.0°
 Efficiency 90 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

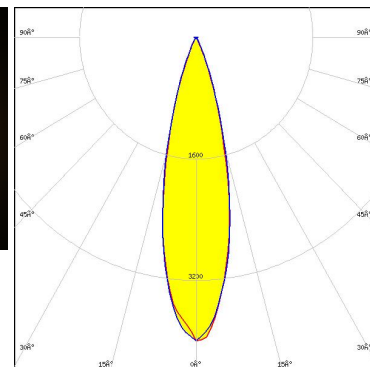
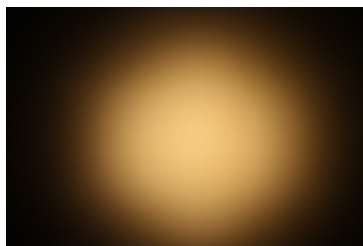


Light distribution files

OPTICAL RESULTS (SIMULATED):



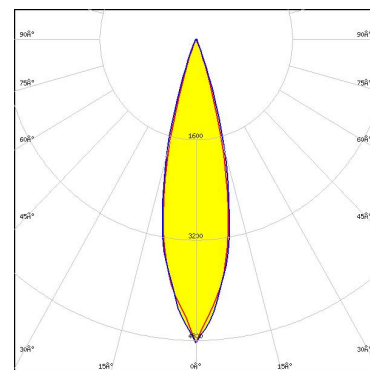
LED XP-G3
FWHM / FWTM 26.0° / 45.0°
Efficiency 89 %
Peak intensity 4 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



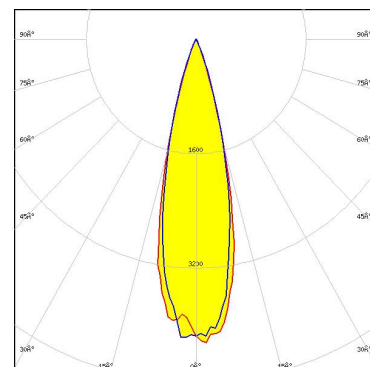
LED XQ-E HD
FWHM / FWTM 26.0° / 42.0°
Efficiency 94 %
Peak intensity 4.8 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XT-E
FWHM / FWTM 26.0° / 42.0°
Efficiency 89 %
Peak intensity 4.3 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:

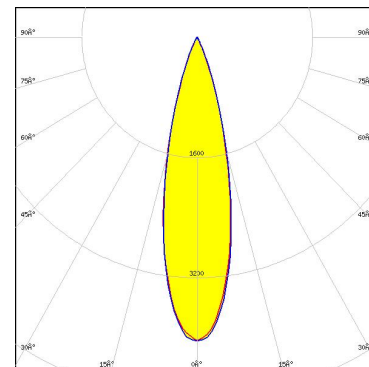


Light distribution files

OPTICAL RESULTS (SIMULATED):



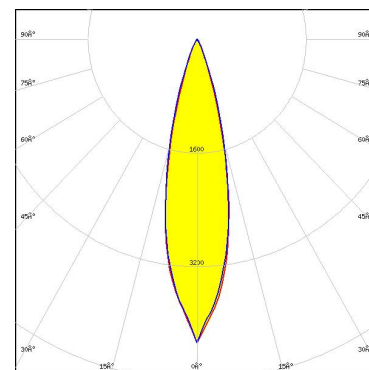
LED LUXEON HL2X
 FWHM / FWTM 26.0° / 46.0°
 Efficiency 91 %
 Peak intensity 4.1 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



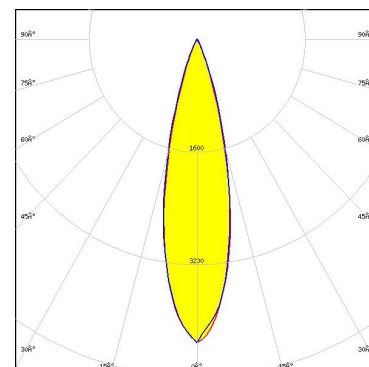
LED LUXEON HL2Z
 FWHM / FWTM 24.0° / 44.0°
 Efficiency 89 %
 Peak intensity 4.3 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON HL4Z
 FWHM / FWTM 26.0° / 45.0°
 Efficiency 92 %
 Peak intensity 4.3 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):



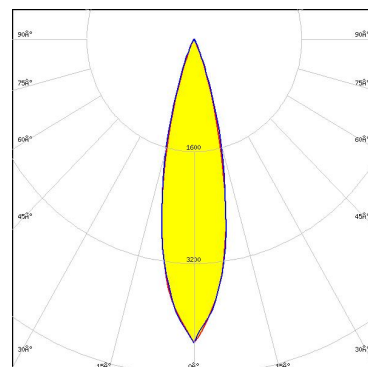
LED LUXEON IR Compact
FWHM / FWTM 26.0° / 40.0°
Efficiency 84 %
LEDs/each optic 1
Light colour/type White
Required components:



LED LUXEON IR Domed 60 (L1I0-0xxx060000000)
FWHM / FWTM 24.0° / 42.0°
Efficiency 88 %
LEDs/each optic 1
Light colour/type White
Required components:



LED LUXEON IR Domed 60 (L1I0-0xxx060000000)
FWHM / FWTM 24.0° / 43.0°
Efficiency 88 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):



LED LUXEON IR Domed 90 (L110-0xxx090000000)

FWHM / FWTM 26.0° / 44.0°

Efficiency 90 %

LEDs/each optic 1

Light colour/type White

Required components:



LED LUXEON T

FWHM / FWTM 26.0° / 43.0°

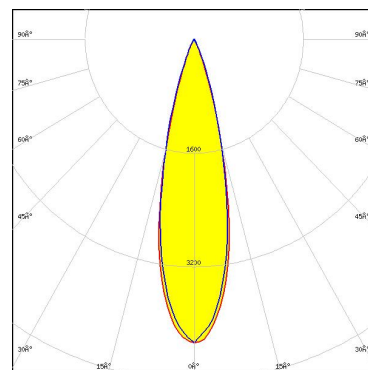
Efficiency 92 %

Peak intensity 4.3 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



Light distribution files



LED LUXEON TX

FWHM / FWTM 26.0° / 43.0°

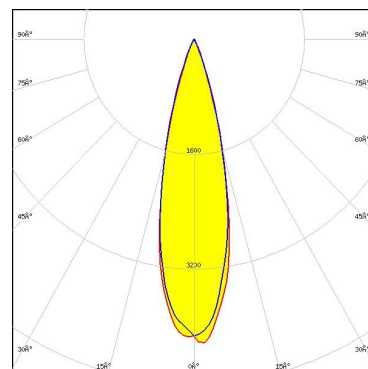
Efficiency 91 %

Peak intensity 4.2 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:

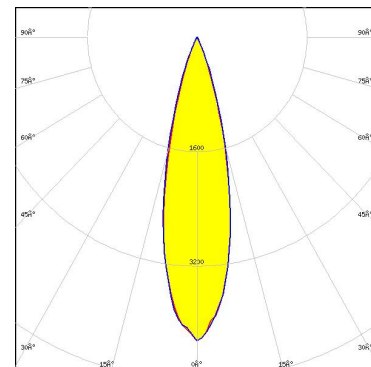


Light distribution files

OPTICAL RESULTS (SIMULATED):



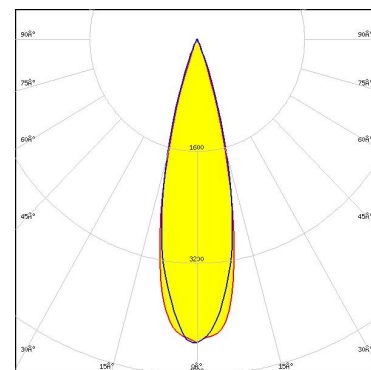
LED LUXEON V2
 FWHM / FWTM 26.0° / 43.0°
 Efficiency 91 %
 Peak intensity 4.3 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



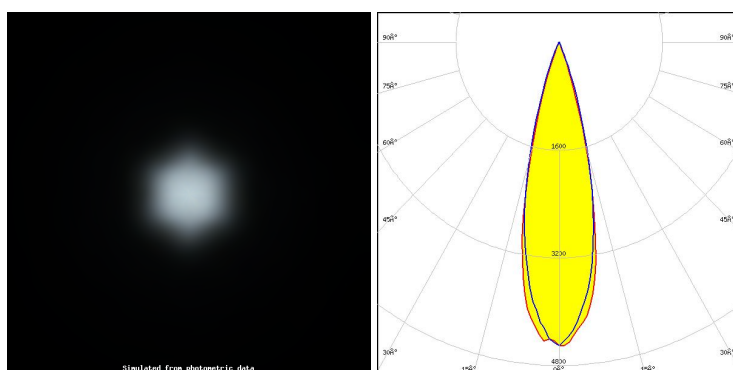
LED SST-12 Gen1
 FWHM / FWTM 26.0° / 40.0 + 42.0°
 Efficiency 92 %
 Peak intensity 4.4 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

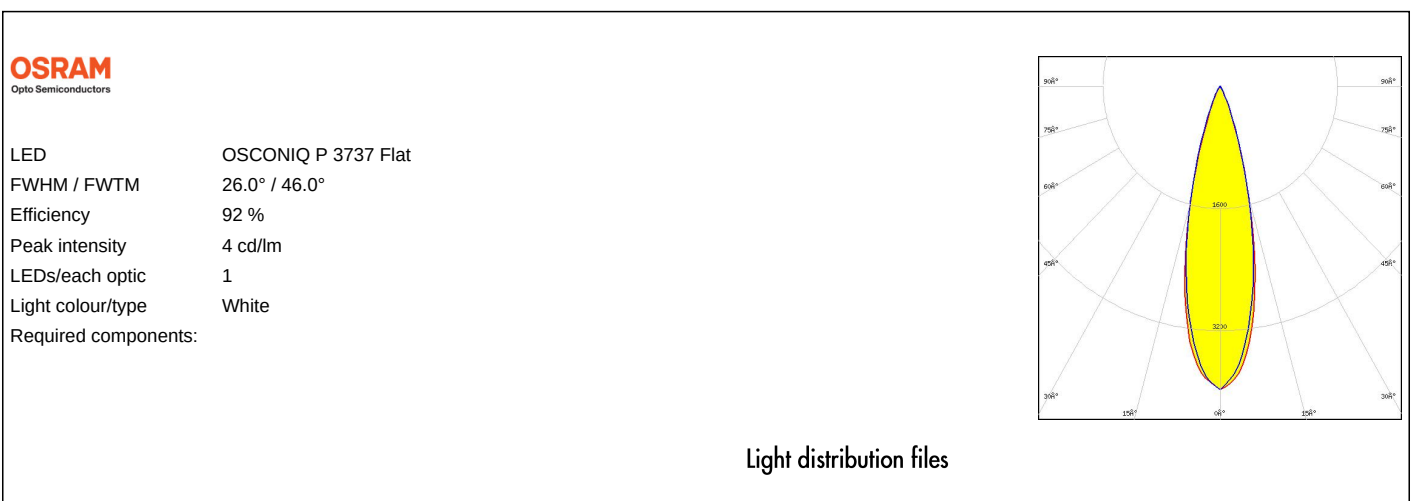
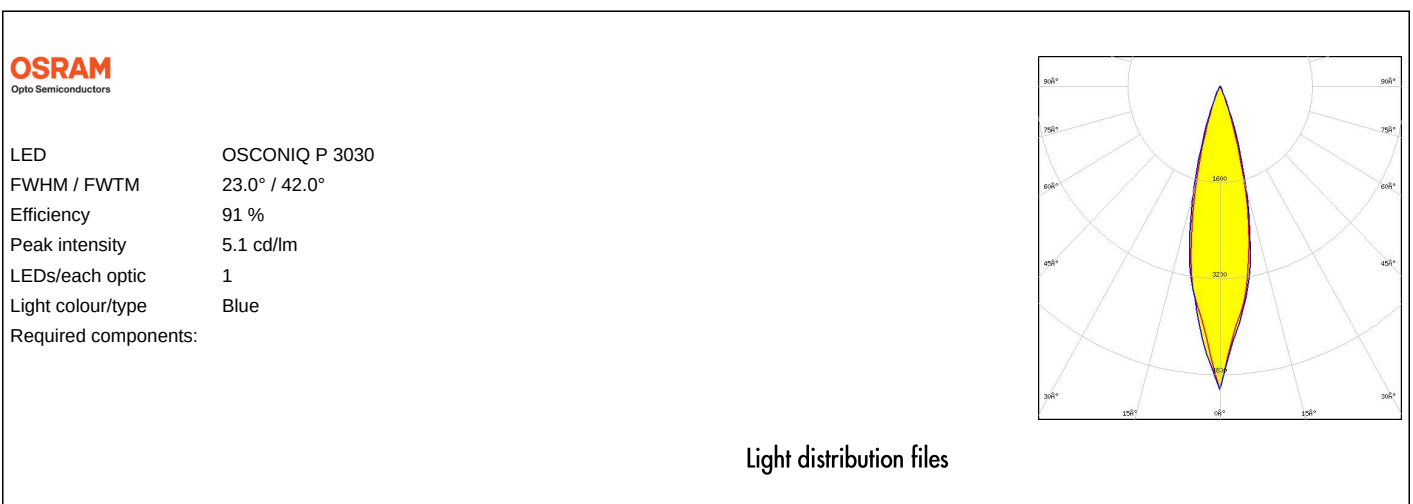
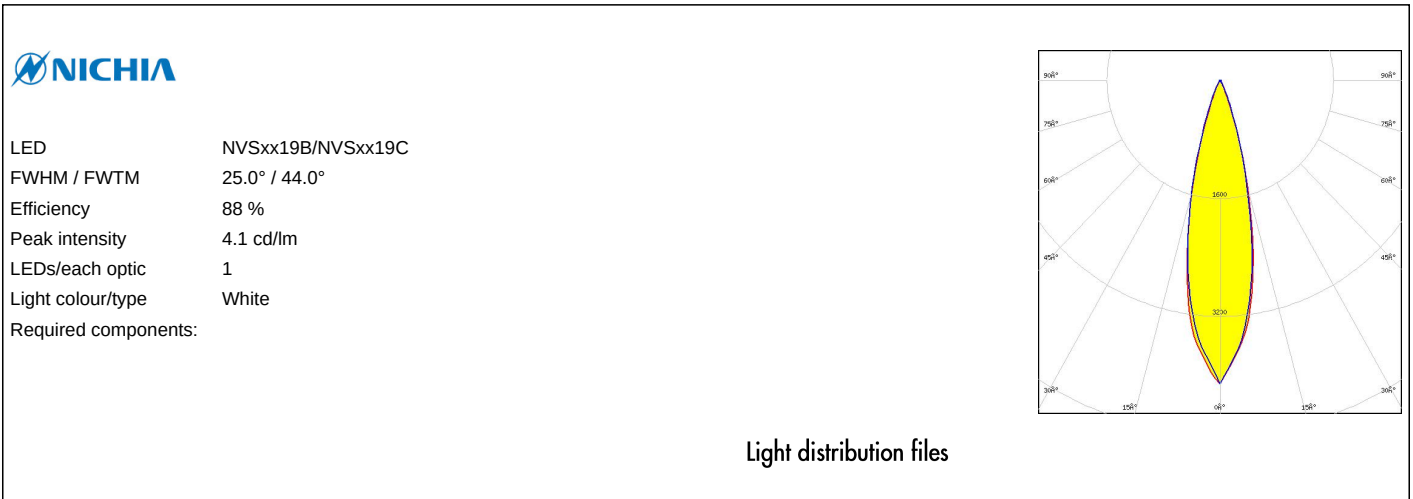


LED SST-12 Gen2
 FWHM / FWTM 26.0° / 40.0 + 42.0°
 Efficiency 92 %
 Peak intensity 4.5 cd/Im
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

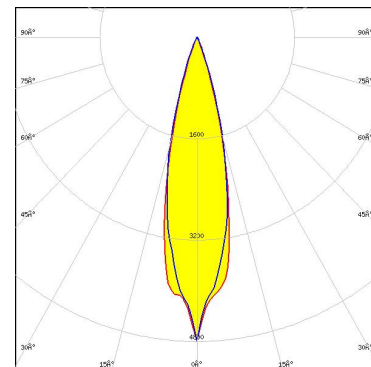
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

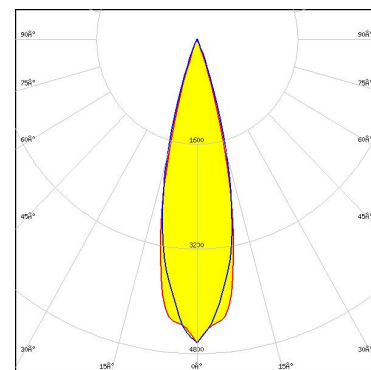
LED OSLON Black Flat (LUW HWQP)
FWHM / FWTM 24.0° / 41.0°
Efficiency 91 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

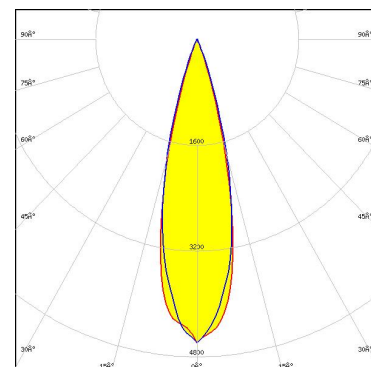
LED OSLON Pure 1414
FWHM / FWTM 26.0° / 39.0 + 42.0°
Efficiency 93 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 26.0° / 42.0°
Efficiency 93 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

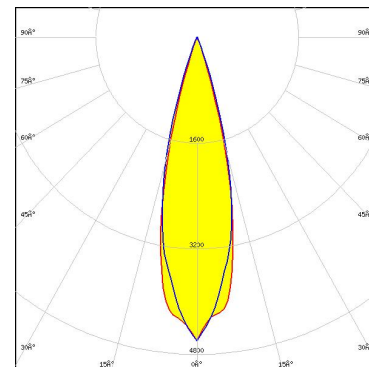


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 27.0° / 40.0°
Efficiency 91 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



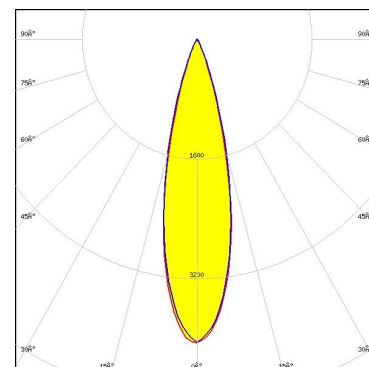
Light distribution files

OSRAM
Opto Semiconductors

LED SFH 4770S
FWHM / FWTM 25.0° / 48.0°
Efficiency 84 %
LEDs/each optic 1
Light colour/type White
Required components:

SAMSUNG

LED LH181B
FWHM / FWTM 26.0° / 45.0°
Efficiency 90 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

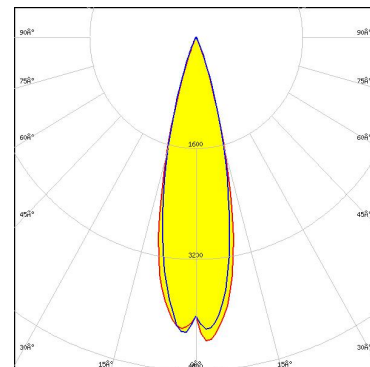


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

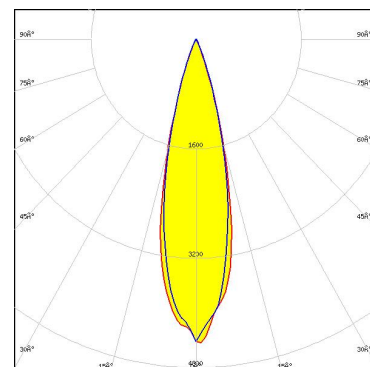
LED LH351A
 FWHM / FWTM 25.0° / 41.0°
 Efficiency 91 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

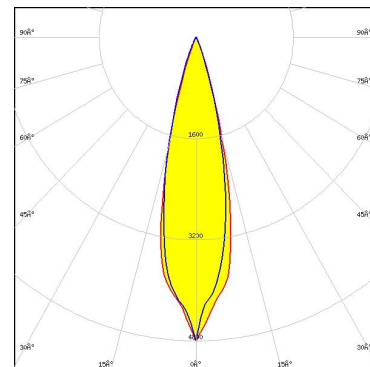
LED LH351B
 FWHM / FWTM 25.0° / 41.0°
 Efficiency 91 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z5M1/Z5M2
 FWHM / FWTM 24.0° / 40.0°
 Efficiency 92 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

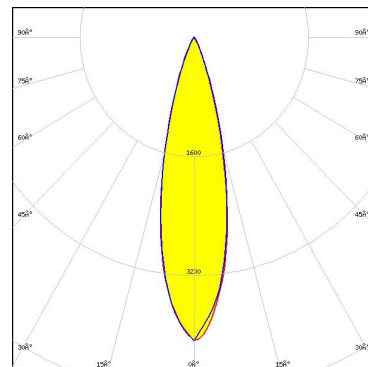


Light distribution files

OPTICAL RESULTS (SIMULATED):



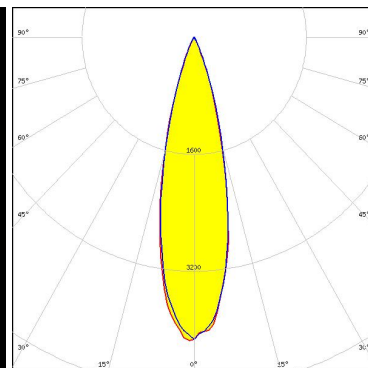
LED Z5M4
FWHM / FWTM 26.0° / 46.0°
Efficiency 93 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



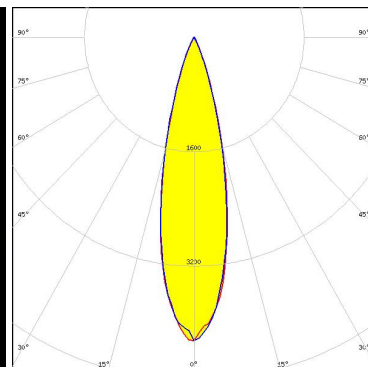
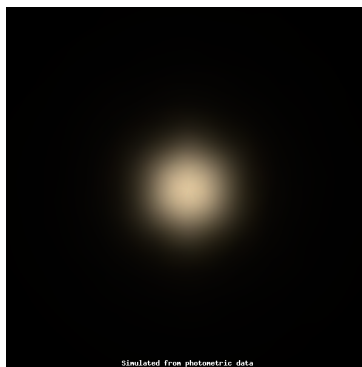
LED Z5M4-E1
FWHM / FWTM 26.0° / 44.0 + 46.0°
Efficiency 92 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

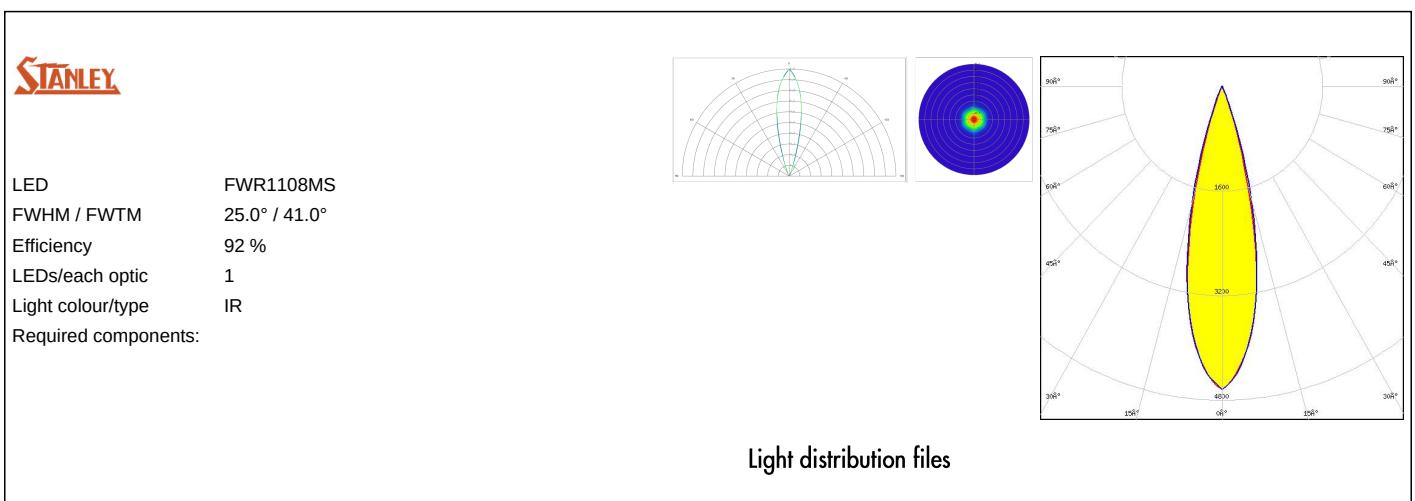
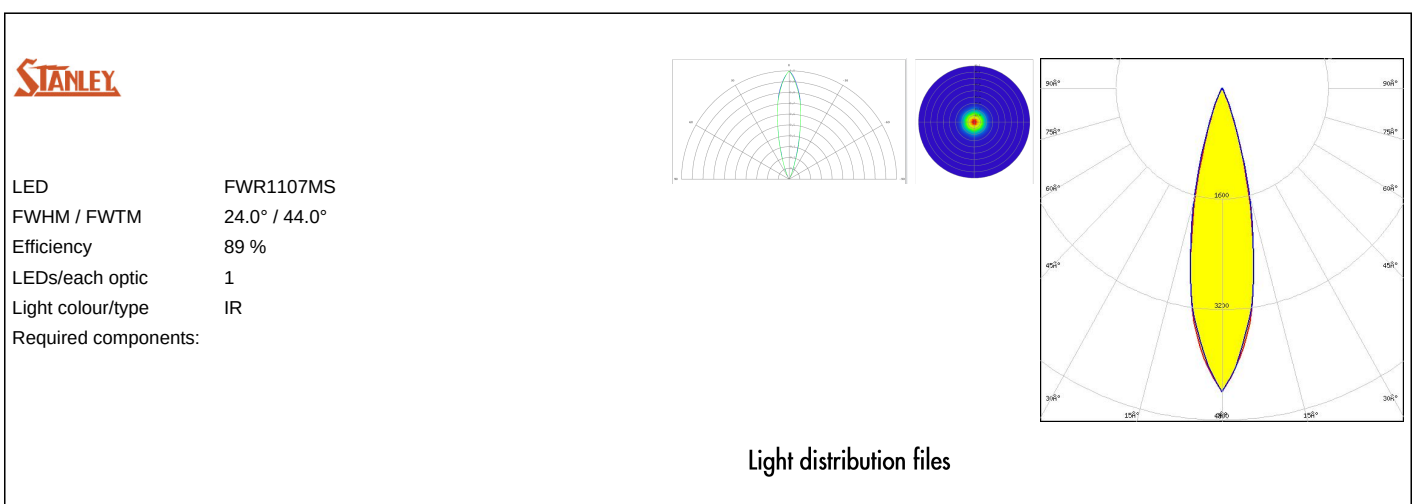
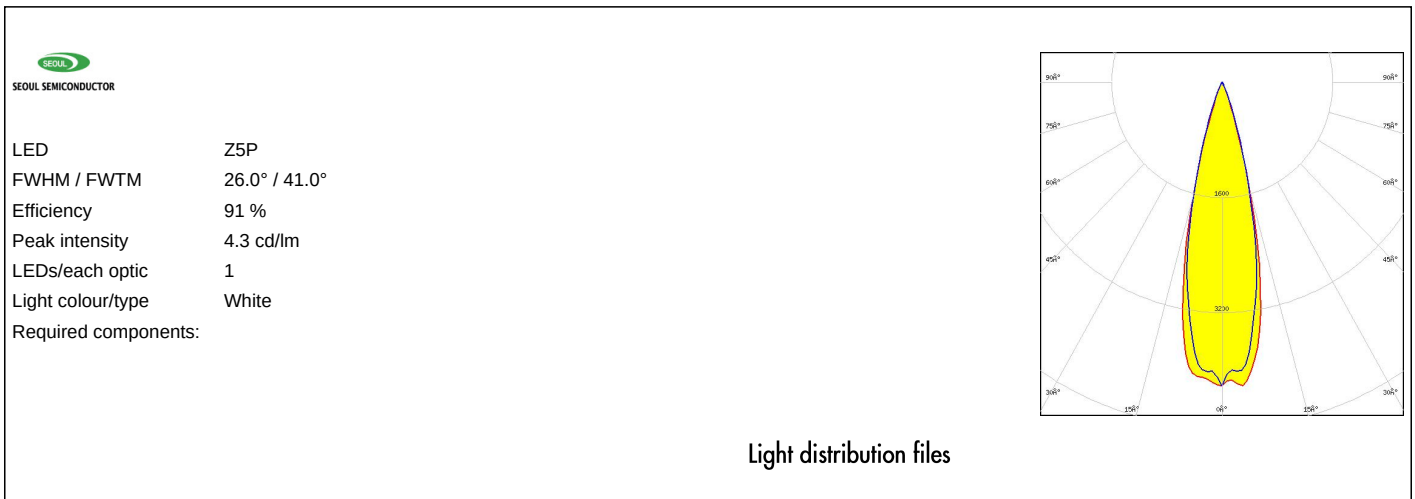


LED Z5M4-E2
FWHM / FWTM 26.0° / 44.0 + 45.0°
Efficiency 93 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

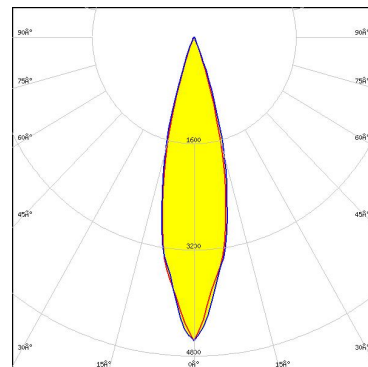
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):



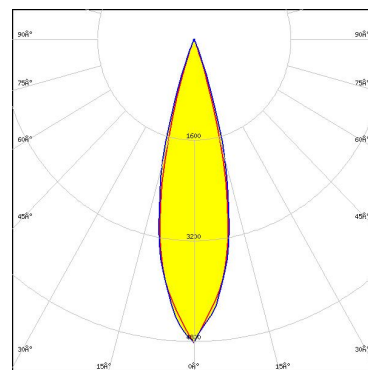
LED MFN1107MS
 FWHM / FWTM 25.0° / 42.0°
 Efficiency 88 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



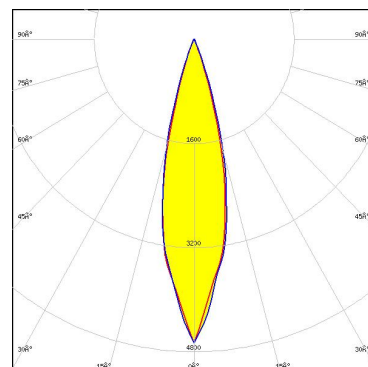
LED MFN1108MS
 FWHM / FWTM 26.0° / 42.0°
 Efficiency 91 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



LED MGN1107MS
 FWHM / FWTM 25.0° / 42.0°
 Efficiency 88 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:

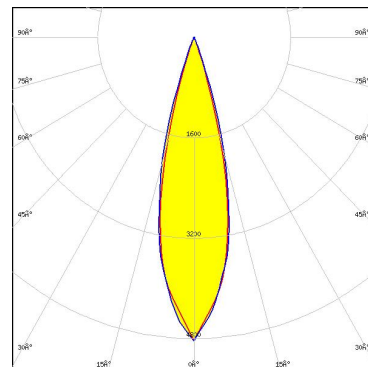


Light distribution files

OPTICAL RESULTS (SIMULATED):



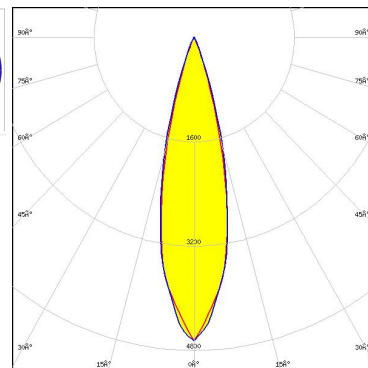
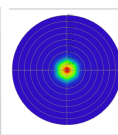
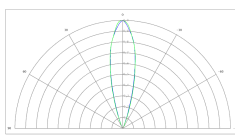
LED MGN1108MS
 FWHM / FWTM 26.0° / 42.0°
 Efficiency 91 %
 Peak intensity 4.8 cd/lm
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



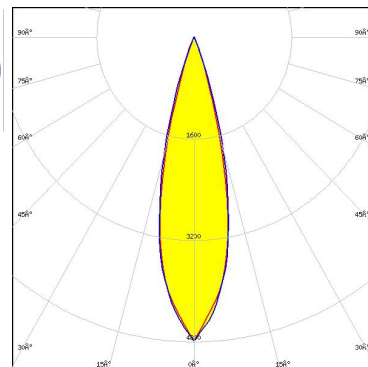
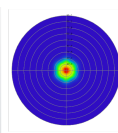
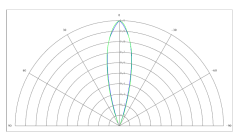
LED MJN1107MS
 FWHM / FWTM 25.0° / 42.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour/type IR
 Required components:



Light distribution files



LED MJN1108MS
 FWHM / FWTM 26.0° / 41.0°
 Efficiency 93 %
 LEDs/each optic 1
 Light colour/type IR
 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.

MATERIALS:

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LEDiL Oy

Joensuunkatu 7
FI-24100 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

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