

VERONICA-RS

~12° spot beam

SPECIFICATION:

Dimensions	Ø 26.0
Height	12.2 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

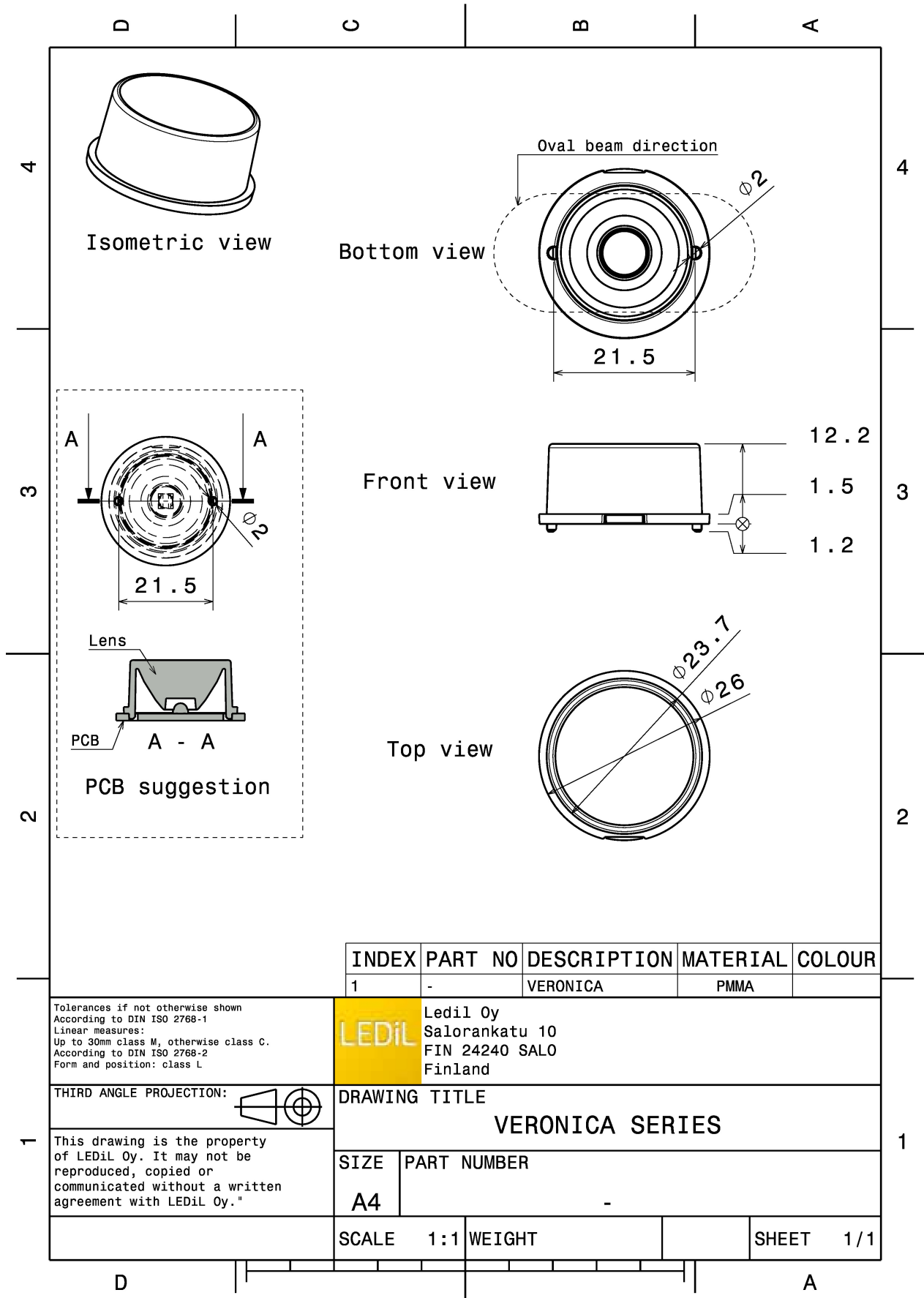
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
VERONICA-RS	Single lens	PMMA	clear		



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13528_VERONICA-RS » Box size: 480 x 280 x 300 mm	2240	336	112	11.1

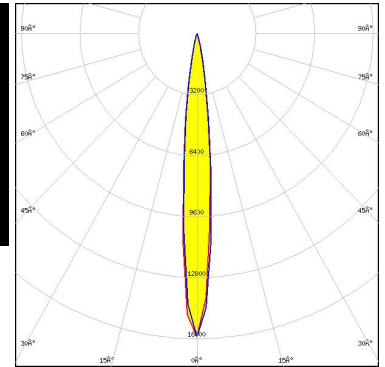


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



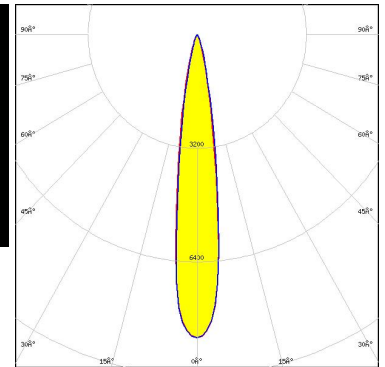
LED XB-H
FWHM / FWTM 11.0° / 24.0°
Efficiency 89 %
Peak intensity 15.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



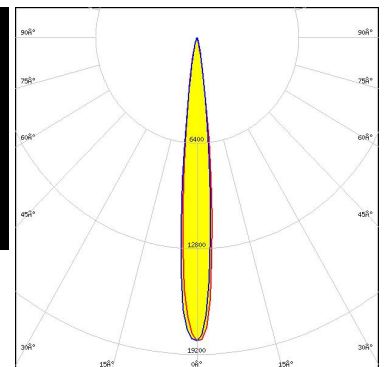
LED XM-L2
FWHM / FWTM 16.0° / 32.0°
Efficiency 90 %
Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G
FWHM / FWTM 12.0° / 22.0°
Efficiency 90 %
Peak intensity 18.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

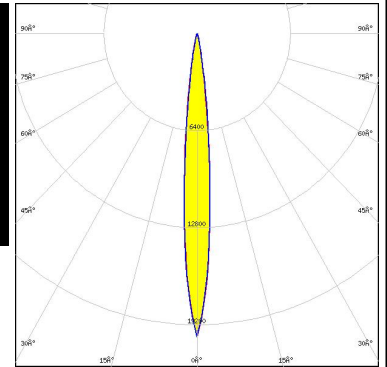
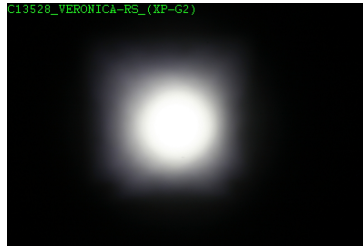


Light distribution files

OPTICAL RESULTS (MEASURED):



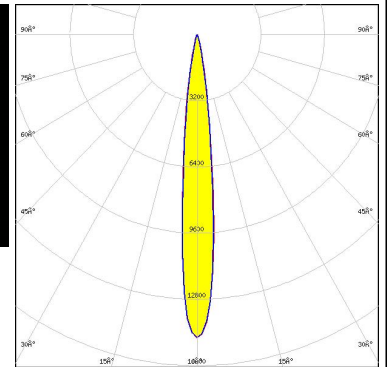
LED XP-G2
 FWHM / FWTM 10.0° / 21.0°
 Efficiency 90 %
 Peak intensity 19 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



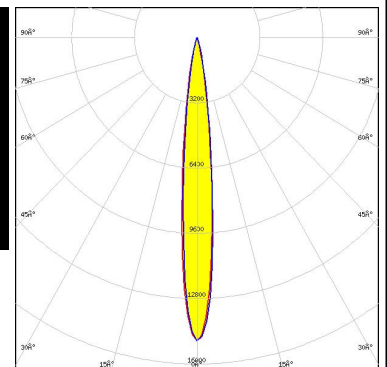
LED LUXEON A
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 89 %
 Peak intensity 14.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON Rebel
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 88 %
 Peak intensity 14.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

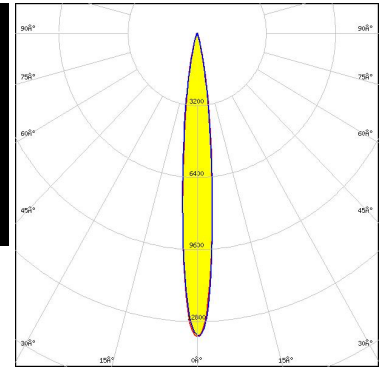


Light distribution files

OPTICAL RESULTS (MEASURED):



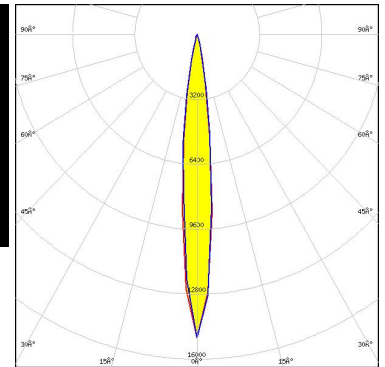
LED LUXEON V2
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 94 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



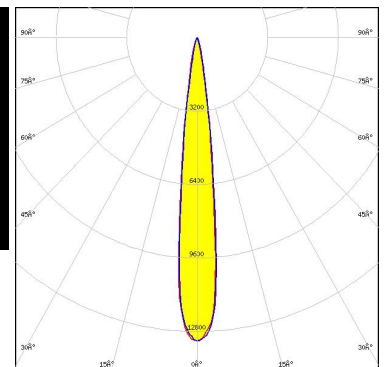
LED NCSxx19A
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 86 %
 Peak intensity 15 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

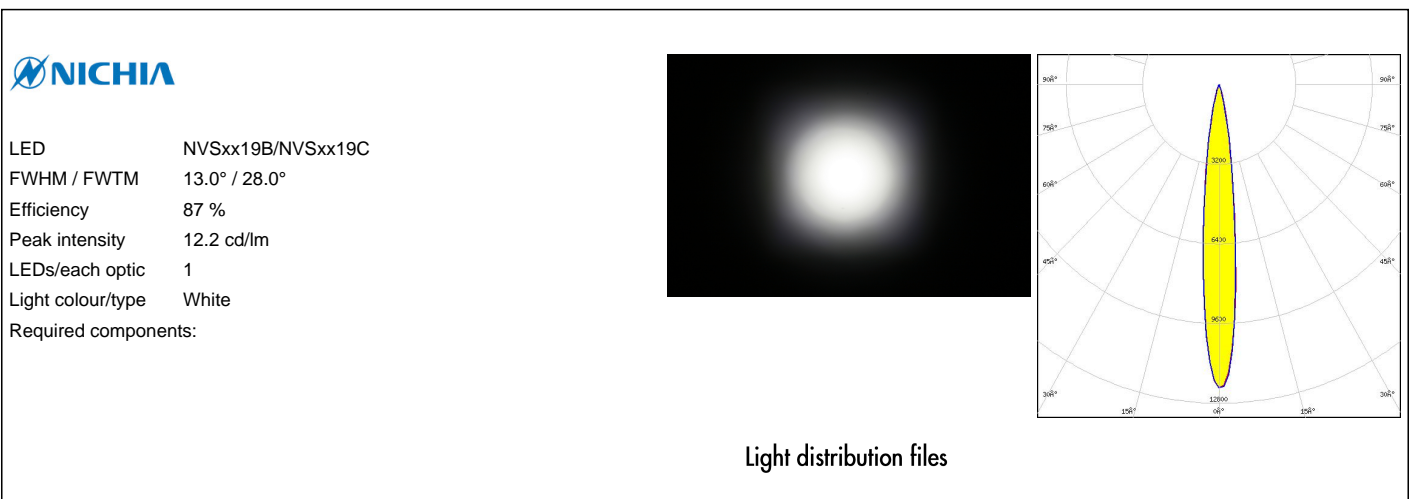
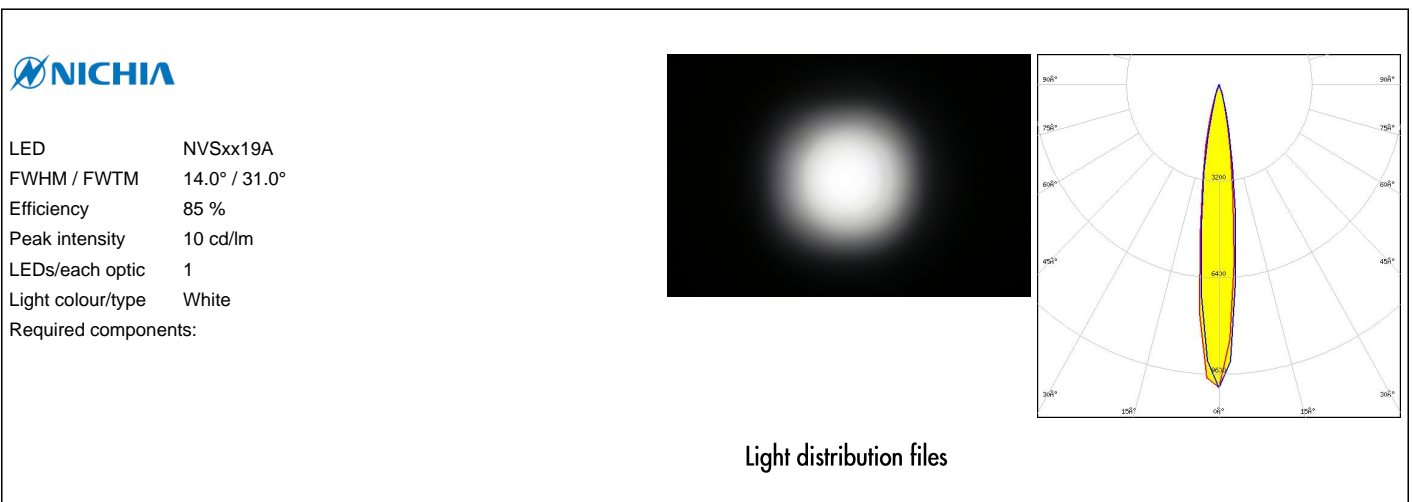
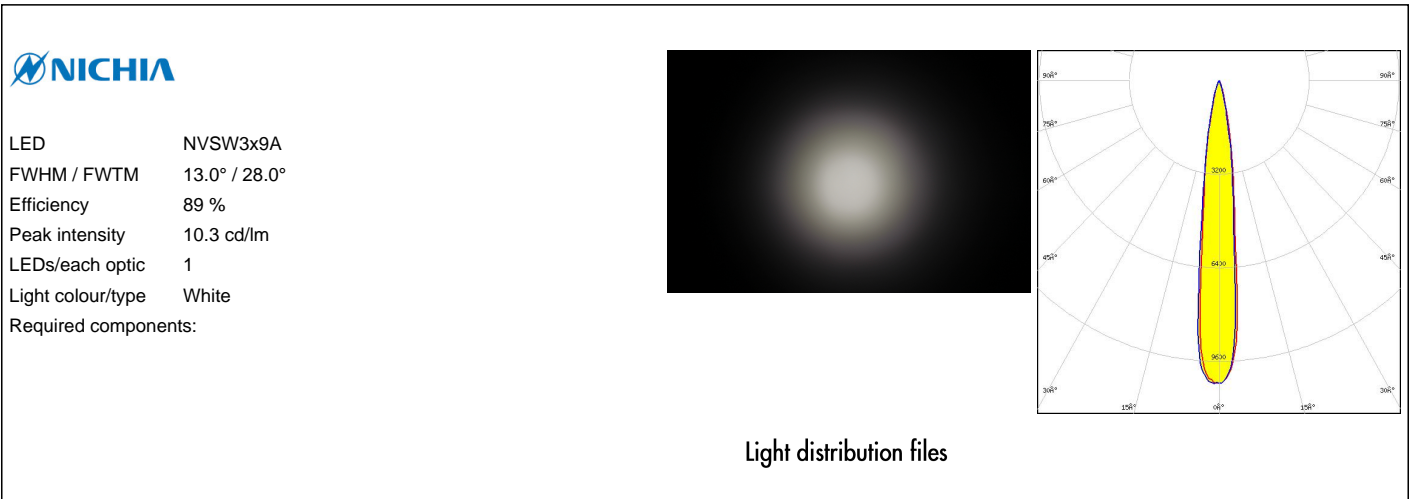


LED NVSW219F
 FWHM / FWTM 13.0° / 24.0°
 Efficiency 94 %
 Peak intensity 13.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

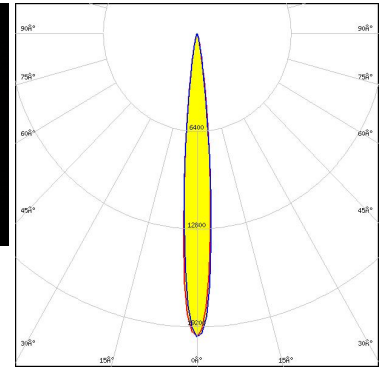
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):

SAMSUNG

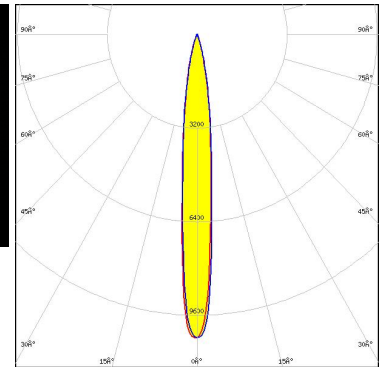
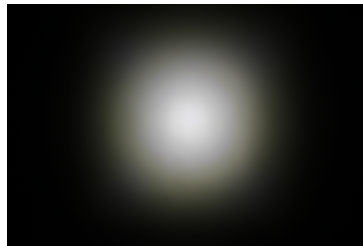
LED LH351Z
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 89 %
 Peak intensity 19.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z8Y22P
 FWHM / FWTM 11.0° / 29.0°
 Efficiency 87 %
 Peak intensity 10.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

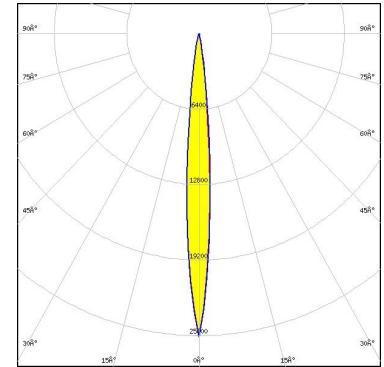


Light distribution files

OPTICAL RESULTS (SIMULATED):



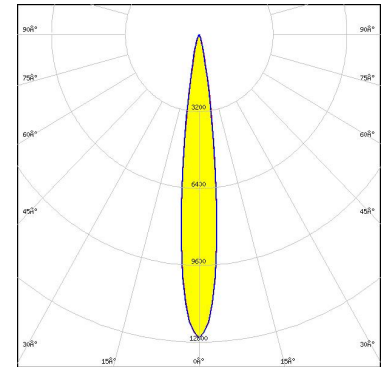
LED XP-E2
FWHM / FWTM 9.0° / 19.0°
Efficiency 96 %
Peak intensity 25.7 cd/lm
LEDs/each optic 1
Light colour/type Amber
Required components:



Light distribution files



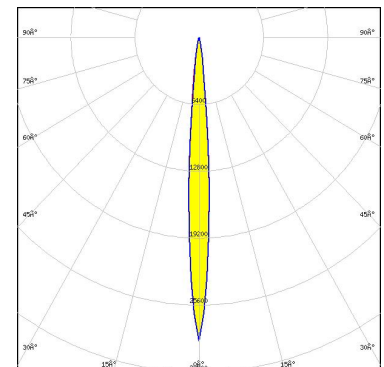
LED XP-G2 HE
FWHM / FWTM 14.0° / 26.0°
Efficiency 97 %
Peak intensity 12.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

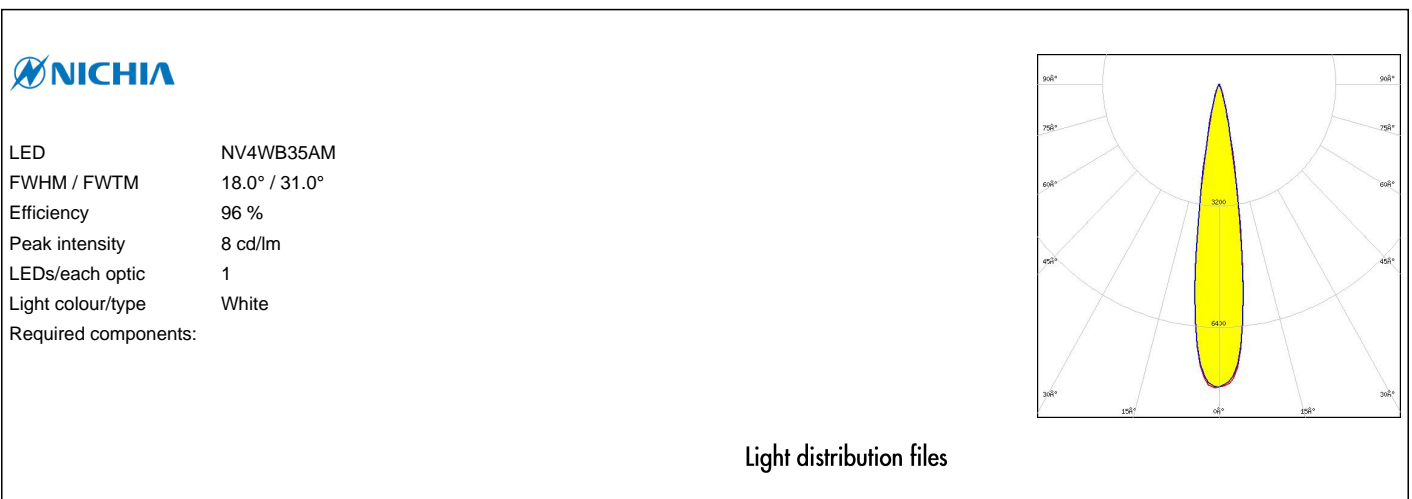
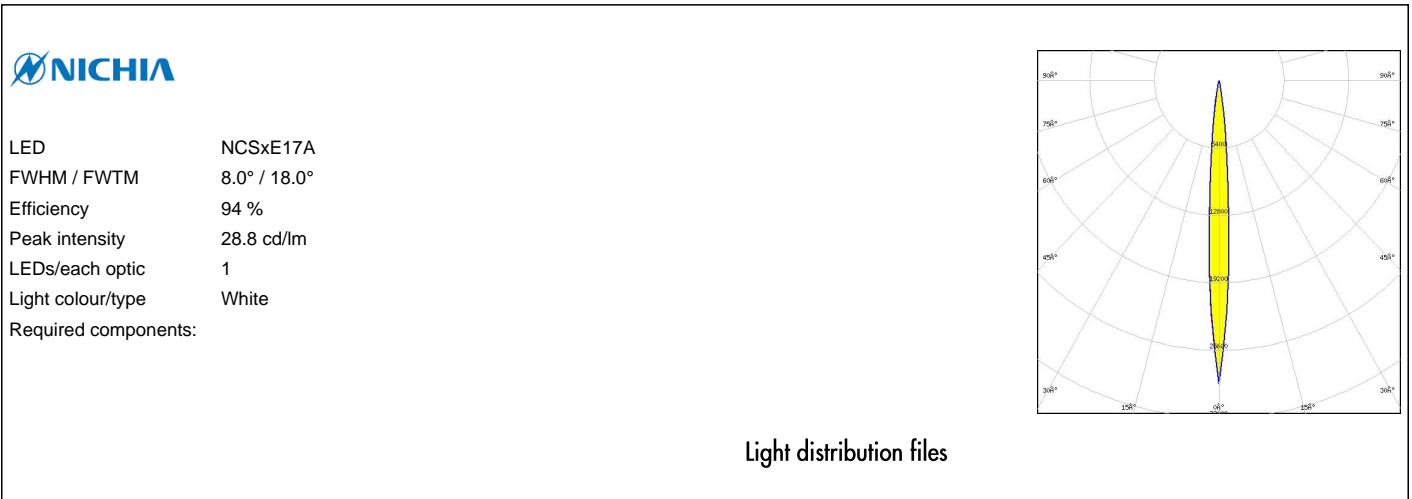


LED XP-G4 HI
FWHM / FWTM 8.0° / 16.0°
Efficiency 95 %
Peak intensity 29 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

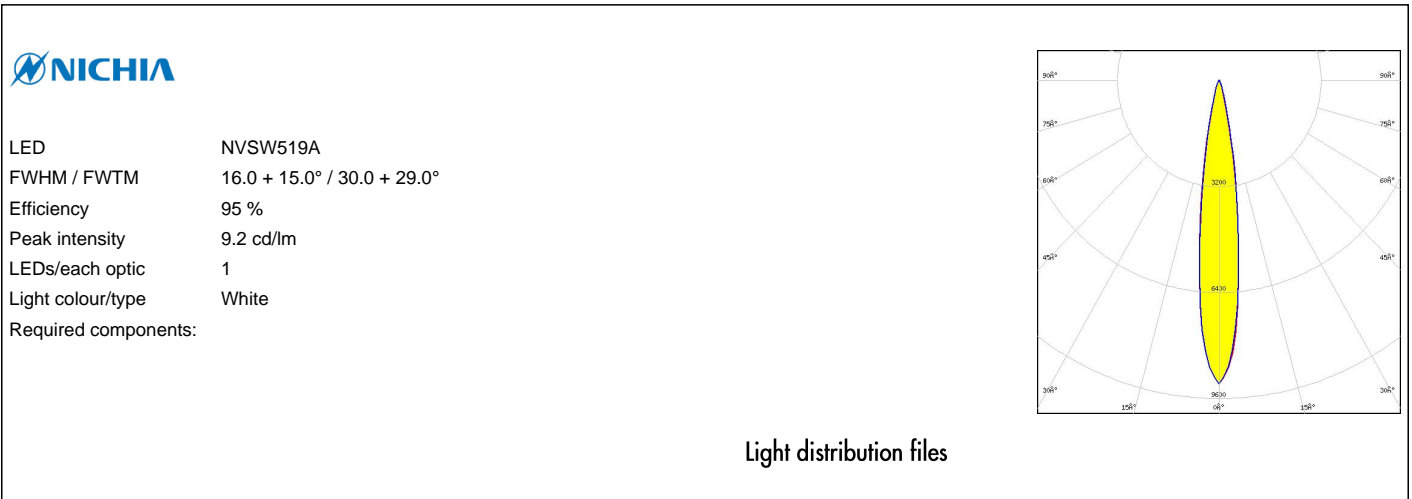


Light distribution files

OPTICAL RESULTS (SIMULATED):



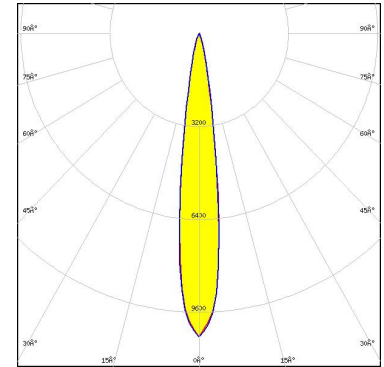
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

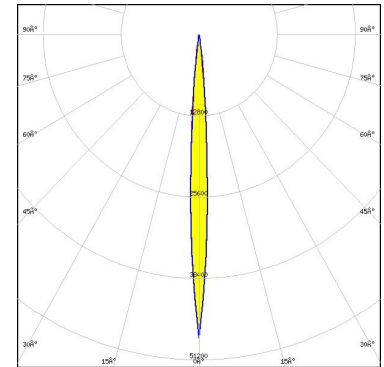
LED OSCONIQ P 3737 (3W version)
 FWHM / FWTM 15.0° / 28.0°
 Efficiency 94 %
 Peak intensity 10.5 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

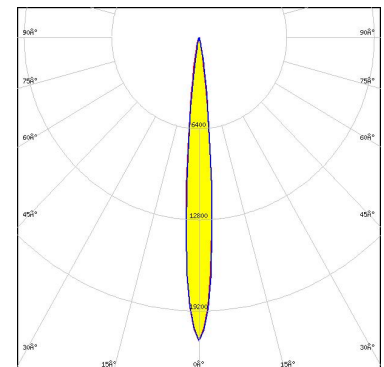
LED OSLO Pure 1414
 FWHM / FWTM 6.0° / 14.0°
 Efficiency 96 %
 Peak intensity 47.8 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLO Square CSSRM2/CSSRM3
 FWHM / FWTM 9.9° / 20.0°
 Efficiency 94 %
 Peak intensity 21.3 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):

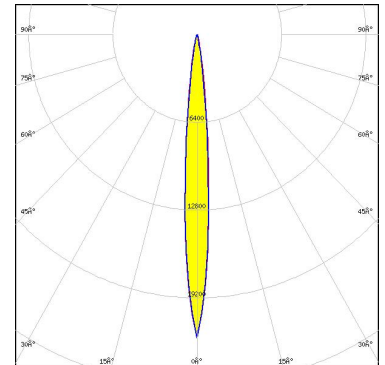
SAMSUNG

LED LH351B
FWHM / FWTM 12.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



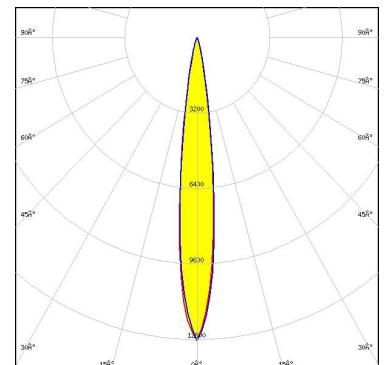
LED MJT 3030
FWHM / FWTM 10.0° / 20.0°
Efficiency 96 %
Peak intensity 22.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

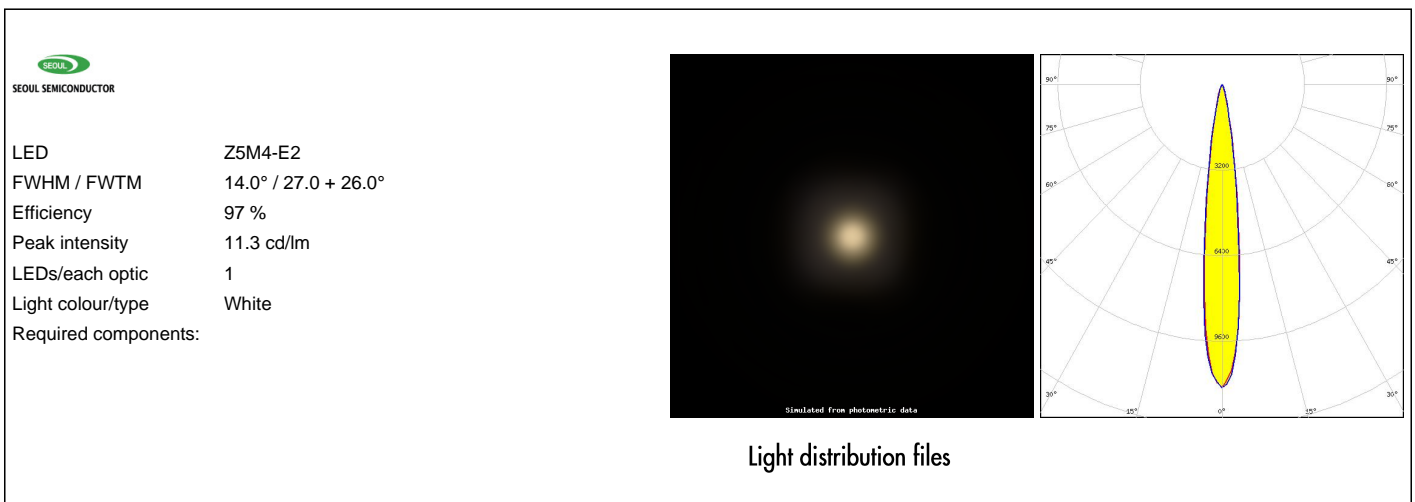
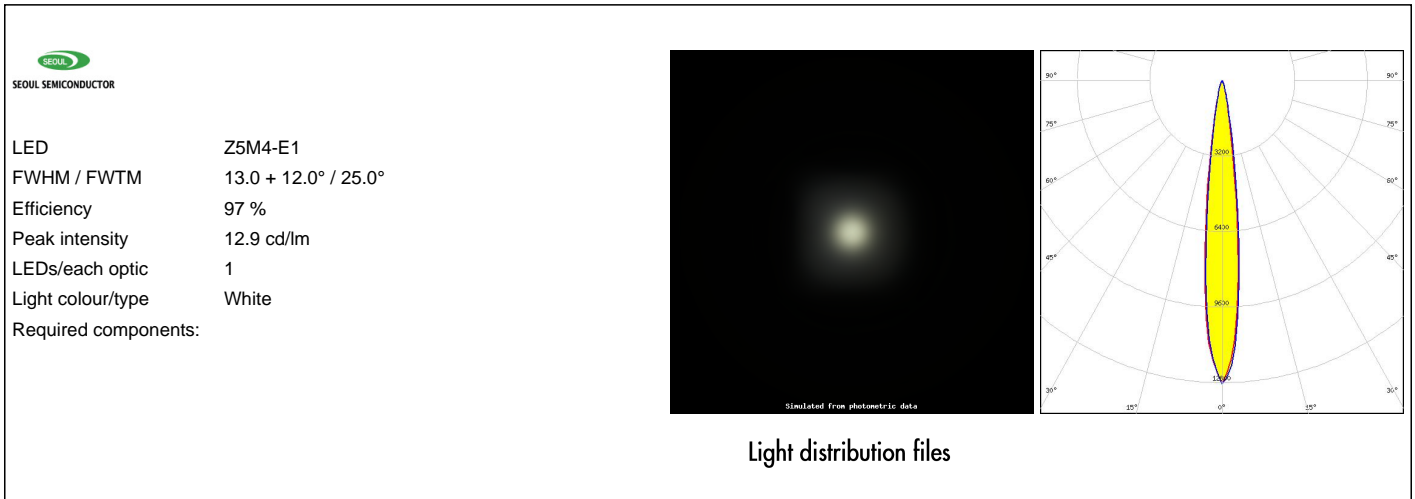


LED Z5M4
FWHM / FWTM 14.0° / 26.0°
Efficiency 96 %
Peak intensity 12.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):



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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