

EMILY-SS-WAS

~8° beam for wall-washing. 14.83 mm high lens.

SPECIFICATION:

Dimensions	Ø 26.0
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

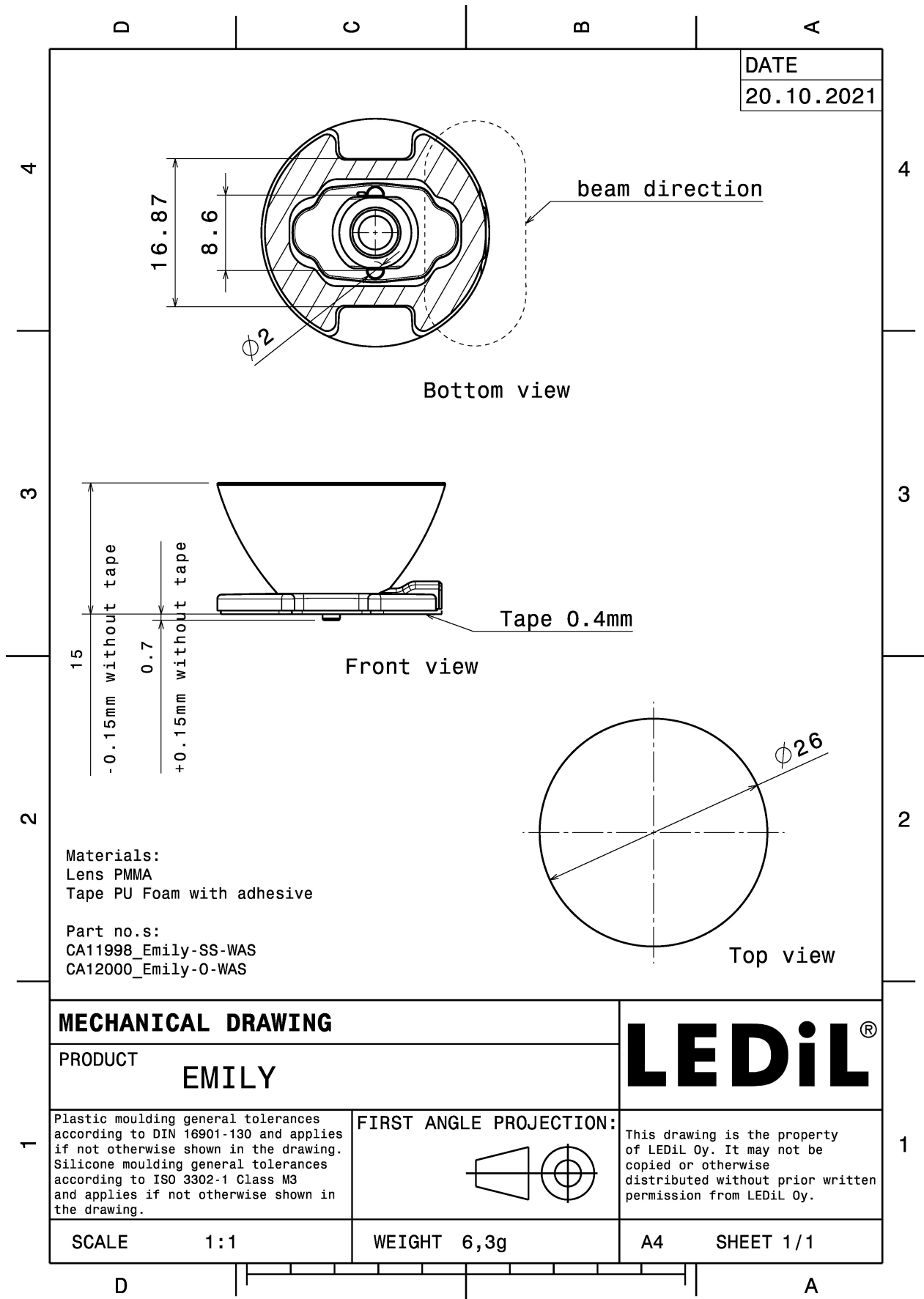
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
EMILY-SS-WAS	Single lens	PMMA	clear		
SPUTNIK-TAPE	Tape	Acryl tape	black		



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11998_EMILY-SS-WAS	Single lens	1690	260	130	11.4
» Box size: 480 x 280 x 300 mm					

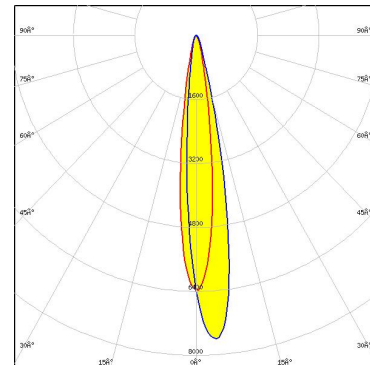


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



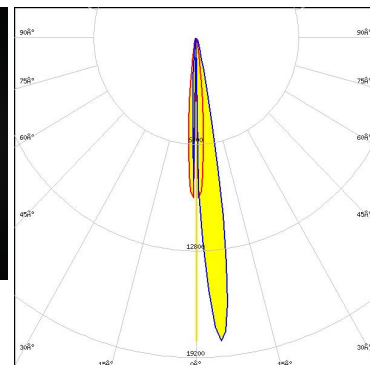
LED XHP35 HD
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 7.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



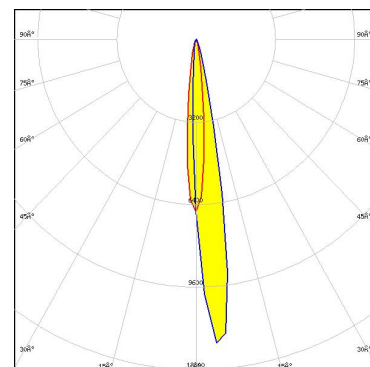
LED XP-E
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 92 %
 Peak intensity 18.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-G
 FWHM / FWTM 11.0° / 23.0°
 Efficiency 93 %
 Peak intensity 11.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

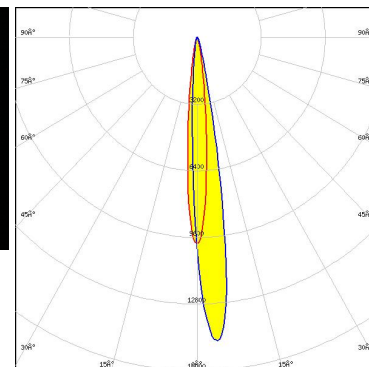
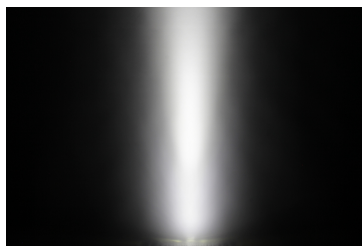


Light distribution files

OPTICAL RESULTS (MEASURED):



LED XP-L HI
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 14.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



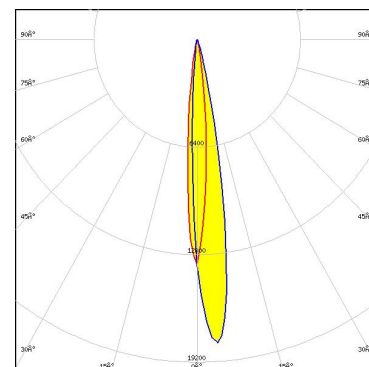
Light distribution files



LED LUXEON A
 FWHM / FWTM 12.0° / 25.0°
 Efficiency %
 Peak intensity 10.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED LUXEON Rebel
 FWHM / FWTM 8.0° / 23.0°
 Efficiency 88 %
 Peak intensity 11.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

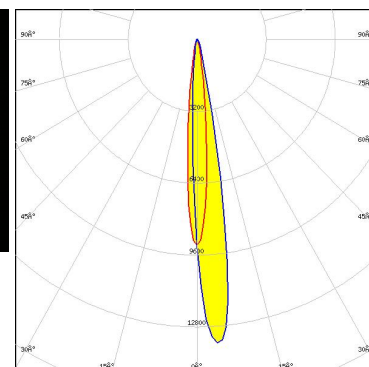
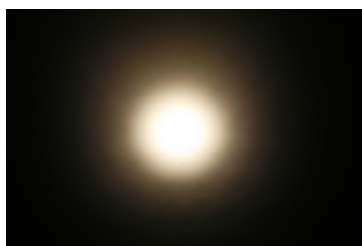
OPTICAL RESULTS (MEASURED):



LED LUXEON Rebel ES
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 91 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



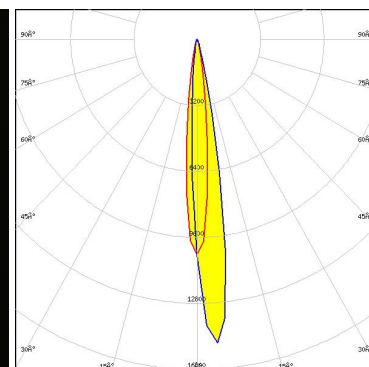
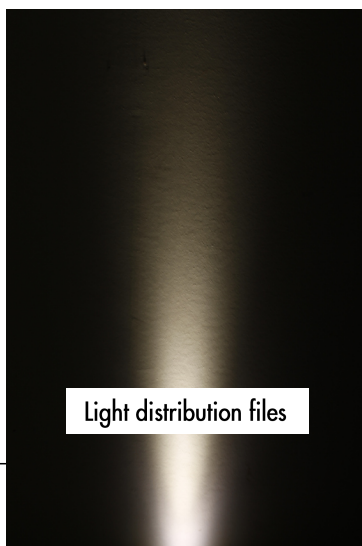
LED LUXEON T
 FWHM / FWTM 11.0° / 22.0°
 Efficiency 89 %
 Peak intensity 14 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON TX
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 14.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

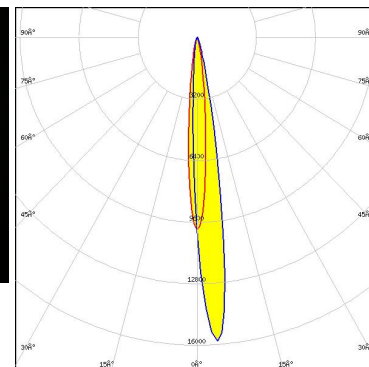
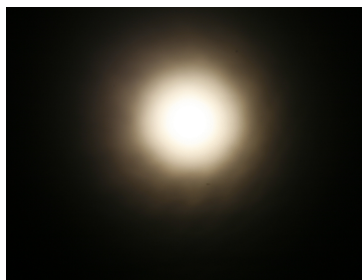


Light distribution files

OPTICAL RESULTS (MEASURED):



LED NCSxx19B
 FWHM / FWTM 11.0° / 22.0°
 Efficiency 89 %
 Peak intensity 15.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



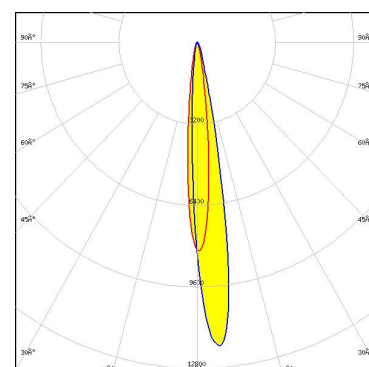
Light distribution files



LED NVSxx19A
 FWHM / FWTM 13.0° / 28.0°
 Efficiency 89 %
 Peak intensity 8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED NVSxx19B/NVSxx19C
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 12.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

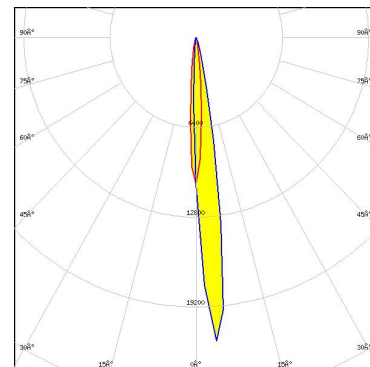


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

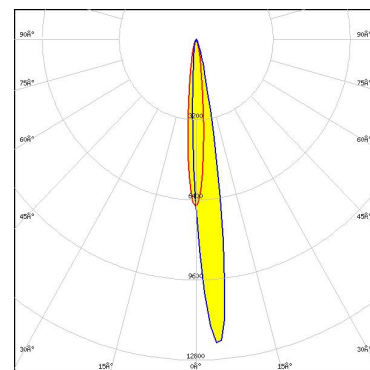
LED OSLON SSL 150
FWHM / FWTM 11.0° / 22.0°
Efficiency 88 %
Peak intensity 14.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

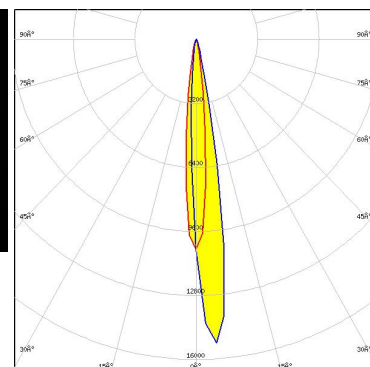
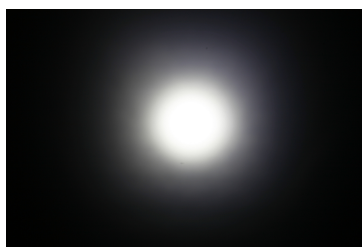
LED OSLON SSL 80
FWHM / FWTM 11.0°
Efficiency 91 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SEKUL
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
FWHM / FWTM Asymmetric
Efficiency 88 %
Peak intensity 15.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

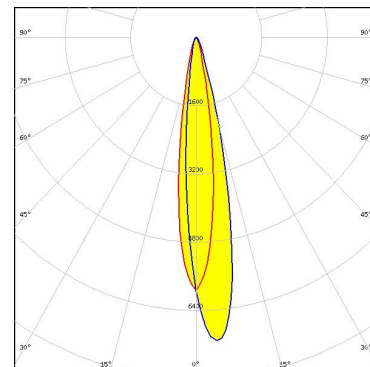


Light distribution files

OPTICAL RESULTS (SIMULATED):



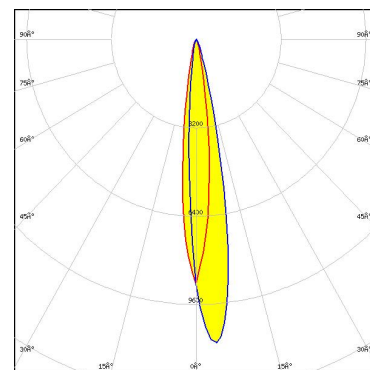
LED XHP35.2 HD
FWHM / FWTM 16.0° / 31.0°
Efficiency 92 %
Peak intensity 7.1 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



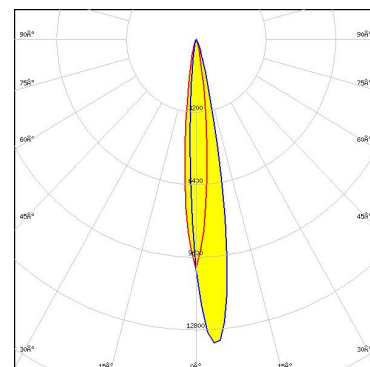
LED XT-E
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 11 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON H50-2
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 13.4 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:

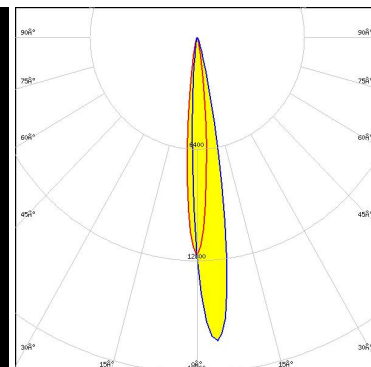
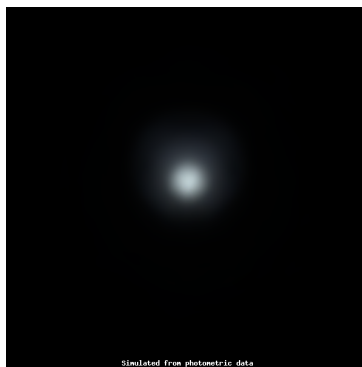


Light distribution files

OPTICAL RESULTS (SIMULATED):



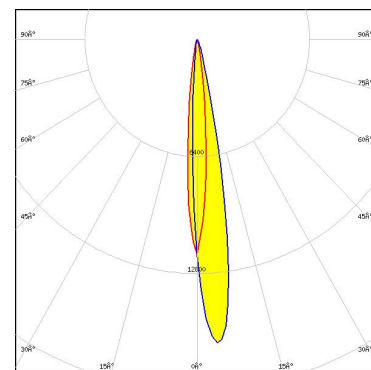
LED SST-20 Gen2
 FWHM / FWTM 10.0 + 11.0° / 22.0°
 Efficiency 96 %
 Peak intensity 17.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



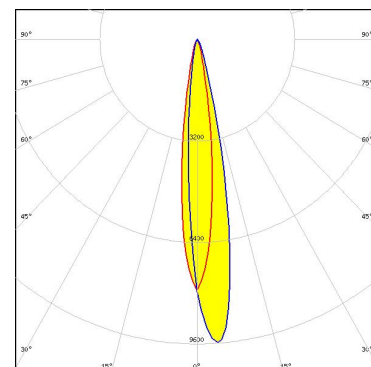
LED NCSxx19A
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 16.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NV4WB35AM
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 9.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

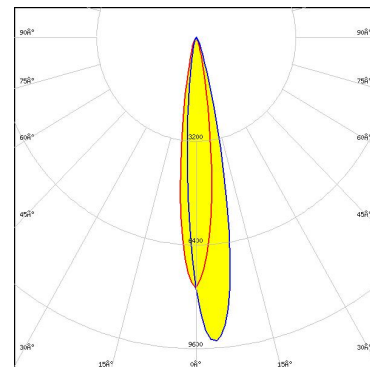


Light distribution files

OPTICAL RESULTS (SIMULATED):



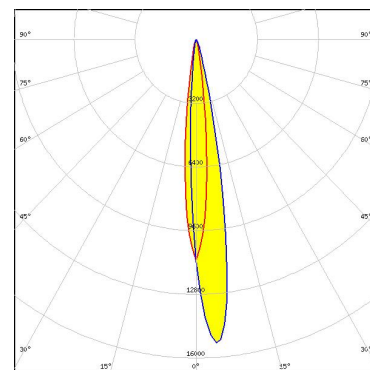
LED NV4WB35AM
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 9.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



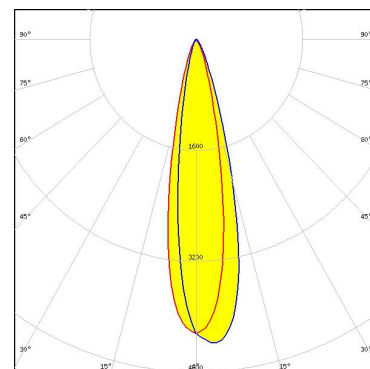
LED NVSW719AC
 FWHM / FWTM Asymmetric
 Efficiency 96 %
 Peak intensity 15.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NVSxE21A
 FWHM / FWTM Asymmetric
 Efficiency 95 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:

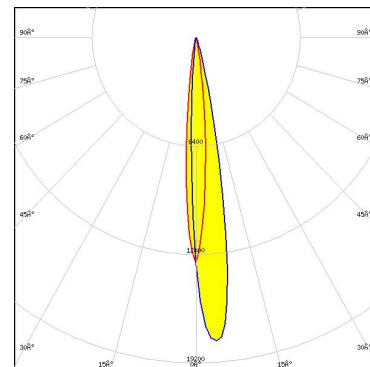


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

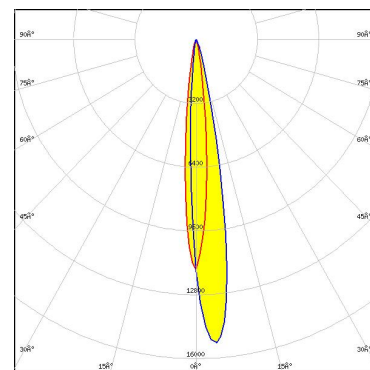
LED: OSCONIQ P 3030
FWHM / FWTM: Asymmetric
Efficiency: 96 %
Peak intensity: 18 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

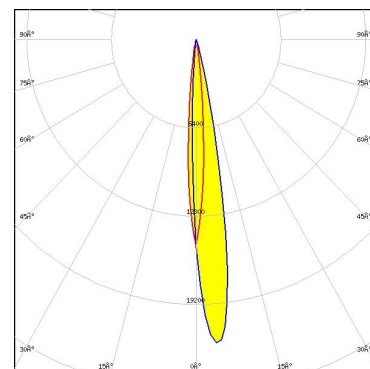
LED: OSCONIQ P 3737 (2W version)
FWHM / FWTM: Asymmetric
Efficiency: 94 %
Peak intensity: 15.3 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED: OSLO Pure 1414
FWHM / FWTM: 9.0 + 11.0° / 18.0 + 20.0°
Efficiency: 96 %
Peak intensity: 22.1 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):

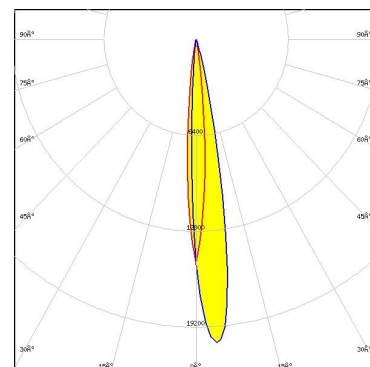
SAMSUNG

LED	LM301B
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	14.6 cd/m
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



LED	Z5
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	20.4 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.

MATERIALS:

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