

STRADELLA-IP-28-VSM

IESNA Type V (square) beam for wide areas lighting such as car parks. Variant made from PMMA.

SPECIFICATION:

Dimensions	100.0 x 100.0 mm
Height	9.5 mm
Fastening	screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes ⓘ

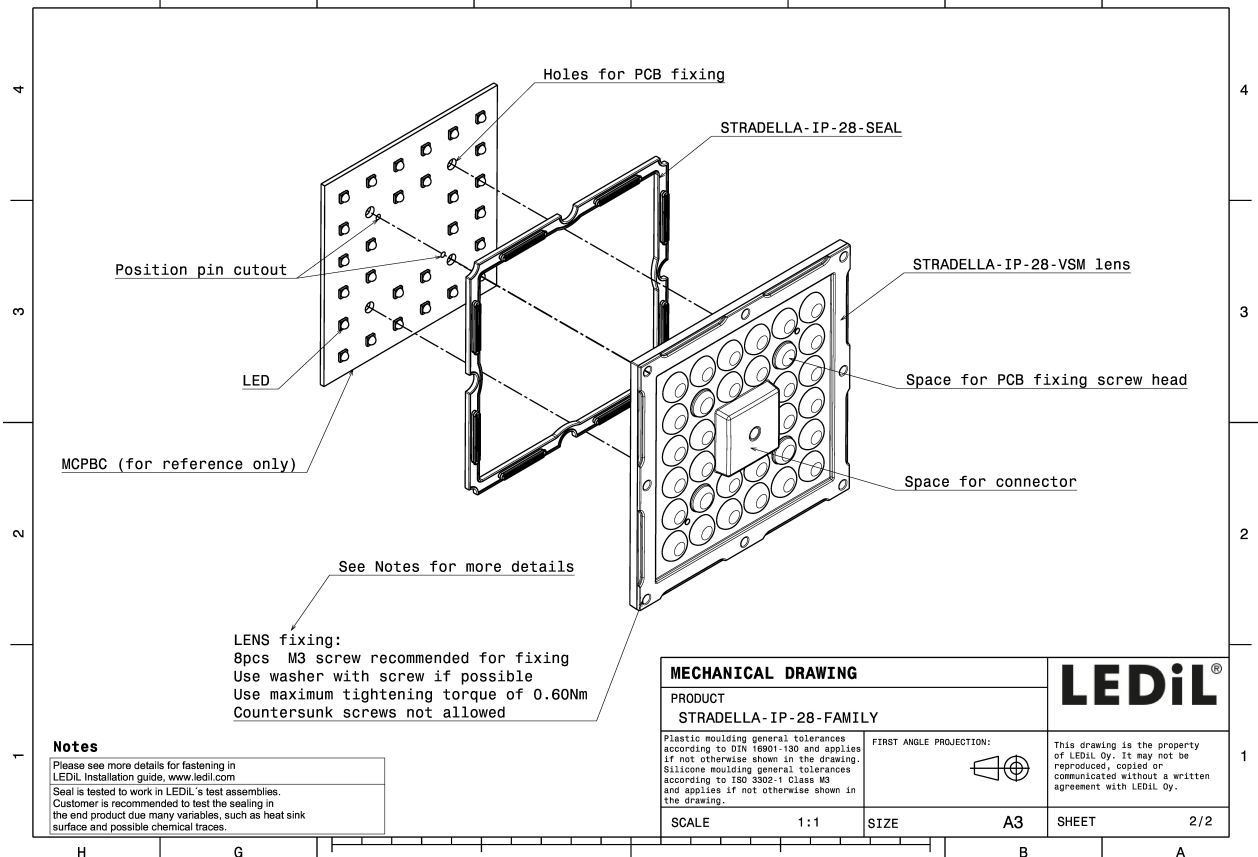
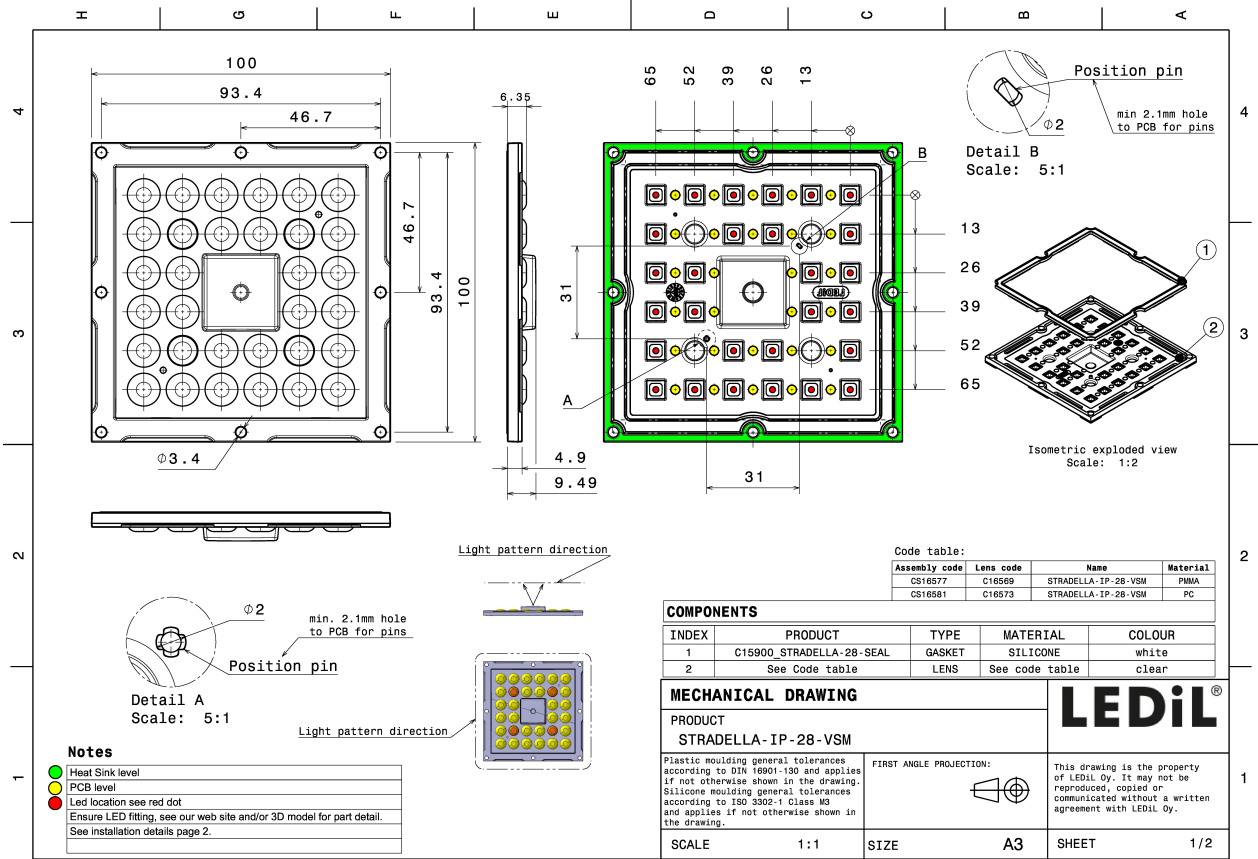


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
STRADELLA-IP-28-VSM	Multi-lens	PMMA	clear		
STRADELLA-28-SEAL	Seal	Silicone	white		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16577_STRADELLA-IP-28-VSM	Multi-lens	156	78	78	6.0
» Box size: 476 x 273 x 247 mm					

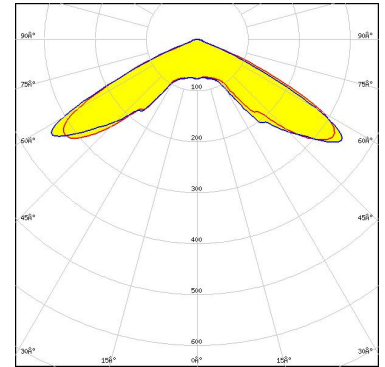


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



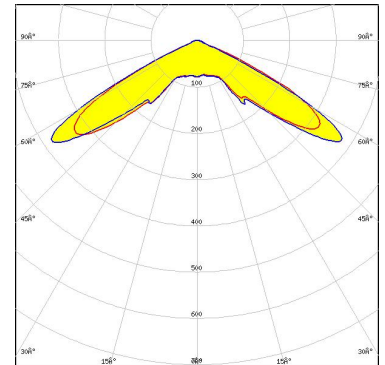
LED HiQLED STR28 CR JE2835 4x7 xxx
FWHM / FWTM 129.0° / 140.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



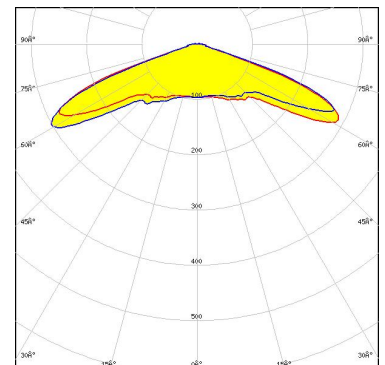
LED HiQLED STR28 CR JK3030 4x7 xxx
FWHM / FWTM 128.0° / 137.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED QUICK FLUX STR28 XD2x14 xxx G8
FWHM / FWTM 141.0° / 148.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

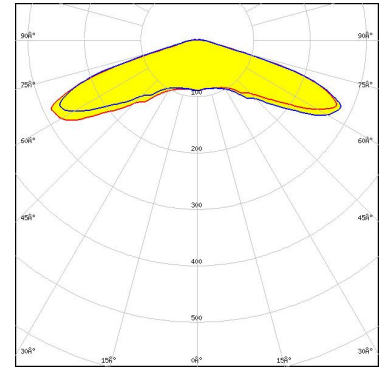


Light distribution files

OPTICAL RESULTS (MEASURED):



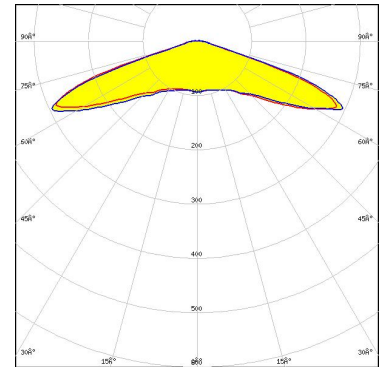
LED QUICK FLUX STR28 XP2x14 xxx G7
FWHM / FWTM 146.0° / 159.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



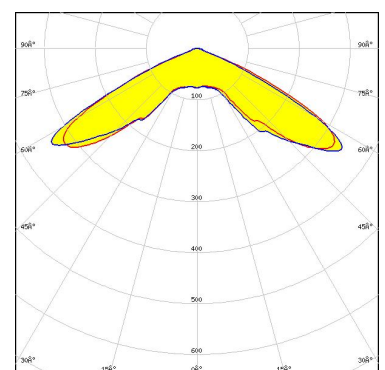
LED QUICK FLUX STR28 XT2x14 xxx G5
FWHM / FWTM 146.0° / 157.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED J Series 2835
FWHM / FWTM 129.0° / 140.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

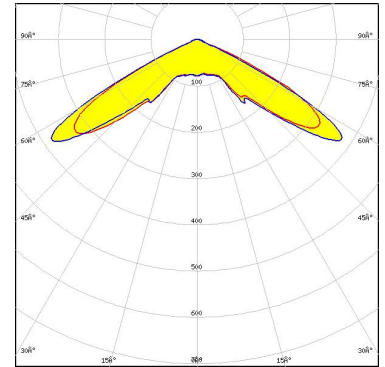


Light distribution files

OPTICAL RESULTS (MEASURED):



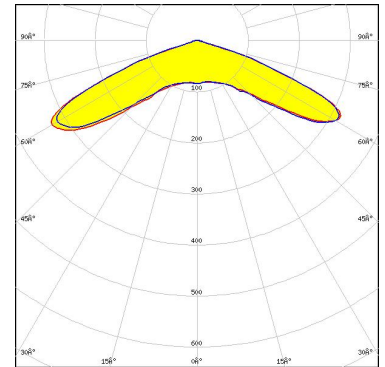
LED J Series 3030
FWHM / FWTM 128.0° / 137.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



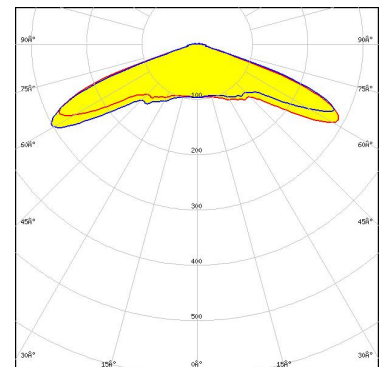
LED J Series 3030
FWHM / FWTM 138.0° / 148.0°
Efficiency 98 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XD16
FWHM / FWTM 141.0° / 148.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

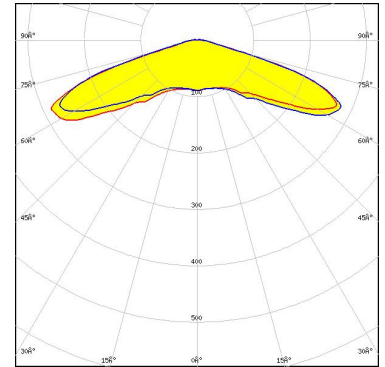


Light distribution files

OPTICAL RESULTS (MEASURED):



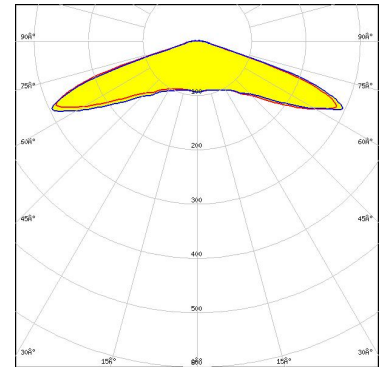
LED XP-G3
FWHM / FWTM 146.0° / 159.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



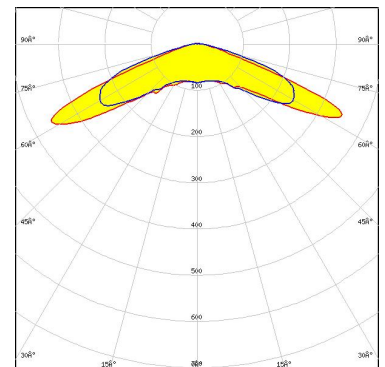
LED XT-E
FWHM / FWTM 146.0° / 157.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NF2W585AR
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

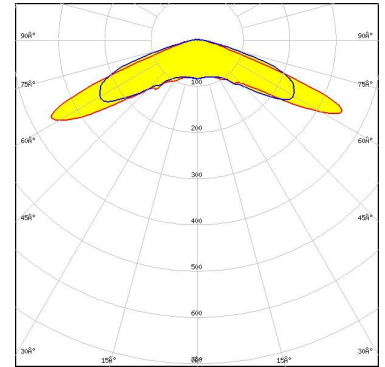


Light distribution files

OPTICAL RESULTS (MEASURED):



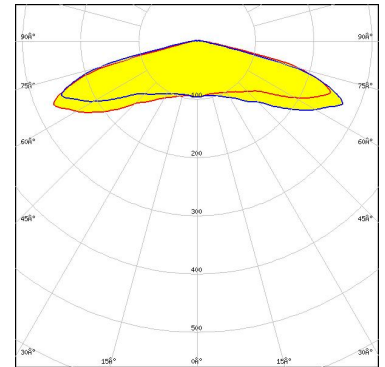
LED NF2W585AR
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



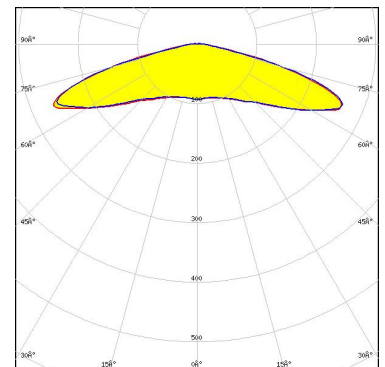
LED NVSW219F
FWHM / FWTM 153.0° / 161.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSW319B
FWHM / FWTM 154.0° / 166.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



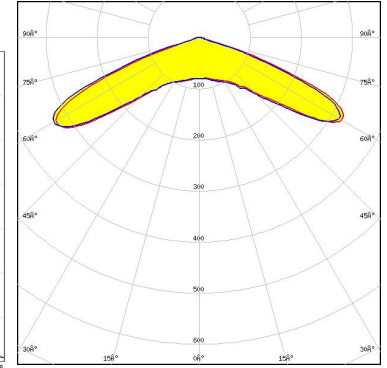
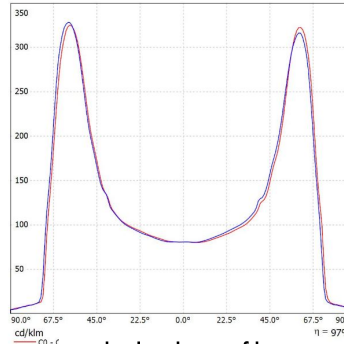
Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

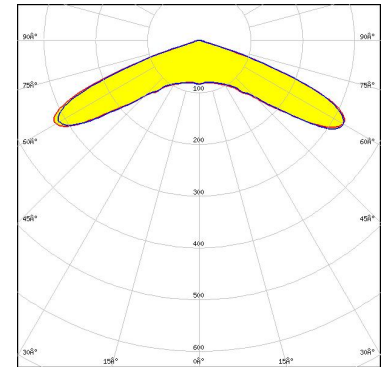
LED Duris S5 (Single chip)
 FWHM / FWTM 138.0° / 146.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Luminaire: LEDiL Oy CS16577_STRADELLA-IP-28-VSM_(Duris_S5)
 Lamps: 1 x Osram_Duris_S5_Stradella28_(GW_PSLR32 EM-JGIS-A333-1)
 _782.410nm@200mA_CCT=5000K_P=4.95560W_U=13.544V



OSRAM
Opto Semiconductors

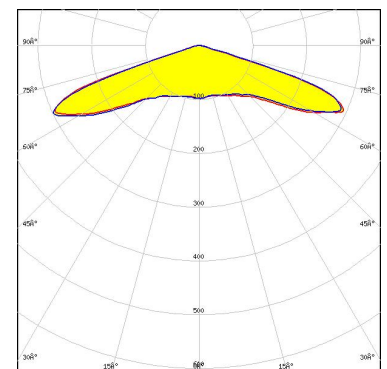
LED OSCONIQ S 3030 (QSLR31)
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 144.0° / 151.0°
 Efficiency 96 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

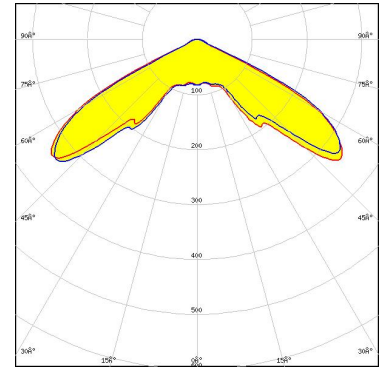


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

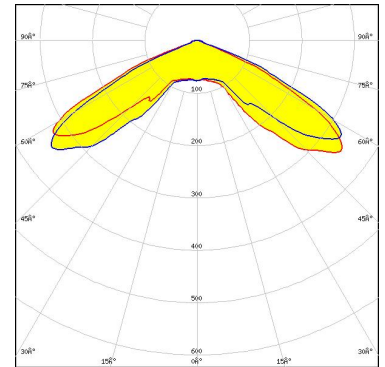
LED HiLOM SC28 (LH181B)
FWHM / FWTM 125.0° / 134.0°
Efficiency 94 %
Peak intensity 0.4 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

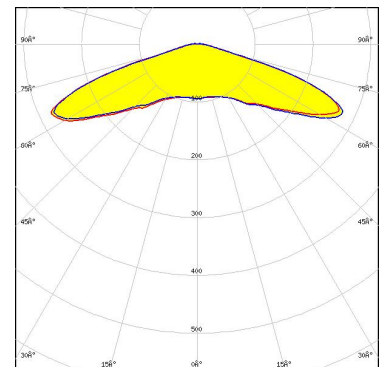
LED HiLOM SM28 (LM301B)
FWHM / FWTM 129.0° / 142.0°
Efficiency 94 %
Peak intensity 0.5 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Z5M3
FWHM / FWTM 147.0° / 162.0°
Efficiency 94 %
Peak intensity 0.4 cd/m
LEDs/each optic 1
Light colour/type White
Required components:

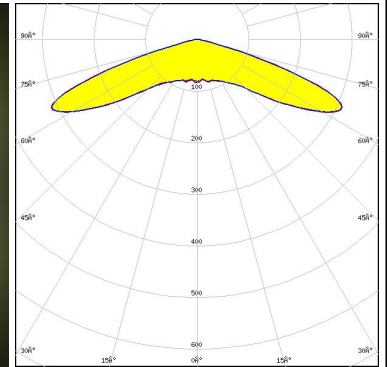
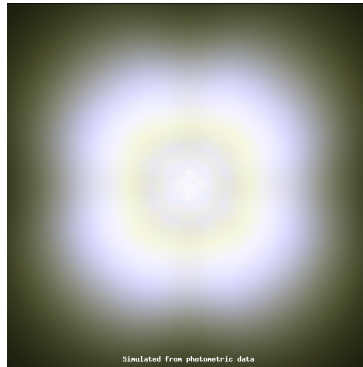


Light distribution files

OPTICAL RESULTS (SIMULATED):



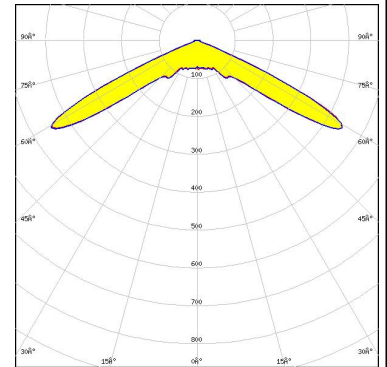
LED J Series 3030C
 FWHM / FWTM 144.0° / 154.0°
 Efficiency 95 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



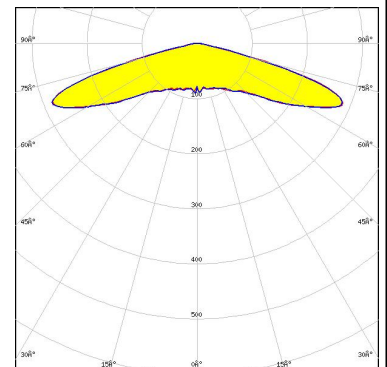
LED XP-E2
 FWHM / FWTM 130.0° / 137.0°
 Efficiency 95 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON V2
 FWHM / FWTM 150.0° / 158.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

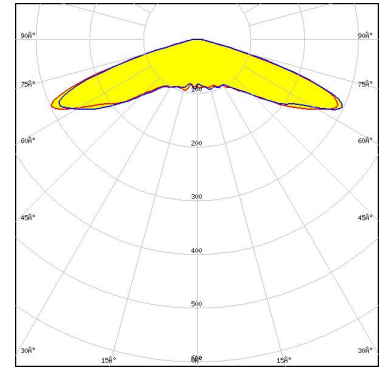


Light distribution files

OPTICAL RESULTS (SIMULATED):



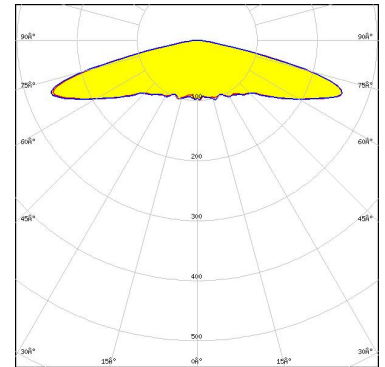
LED NF2x757G
FWHM / FWTM 144.0° / 155.0°
Efficiency 93 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



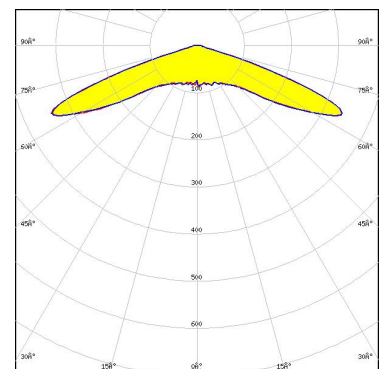
LED NVSW219F
FWHM / FWTM 154.0° / 164.0°
Efficiency 92 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSCONIQ C 2424
FWHM / FWTM 142.0° / 150.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

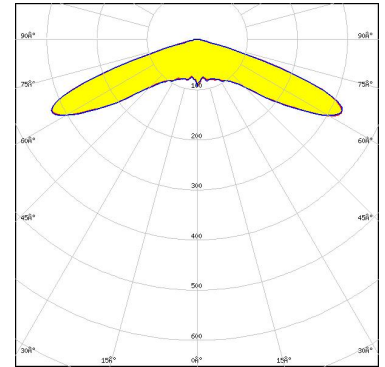


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

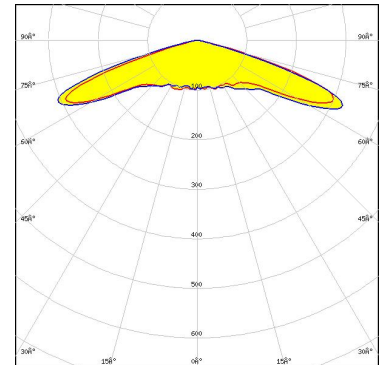
LED OSCONIQ C 3030
FWHM / FWTM 142.0° / 152.0°
Efficiency 95 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

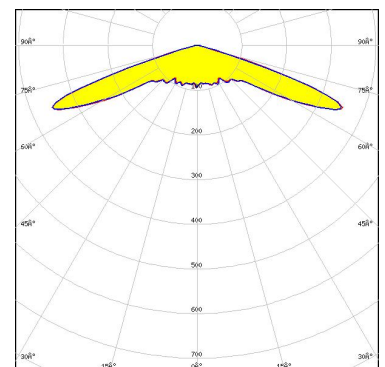
LED OSCONIQ P 3030
FWHM / FWTM 146.0° / 156.0°
Efficiency 95 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLO Pure 1414
FWHM / FWTM 144.0° / 150.0°
Efficiency 95 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

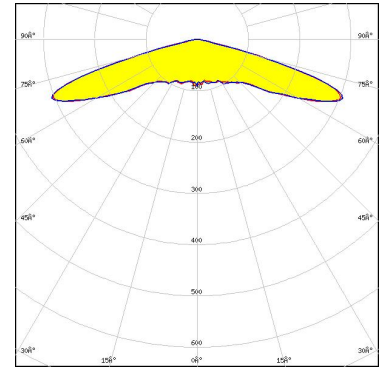


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

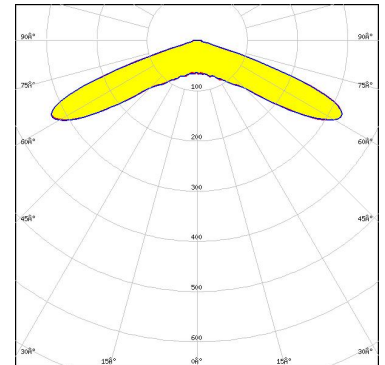
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 148.0° / 156.0°
Efficiency 95 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

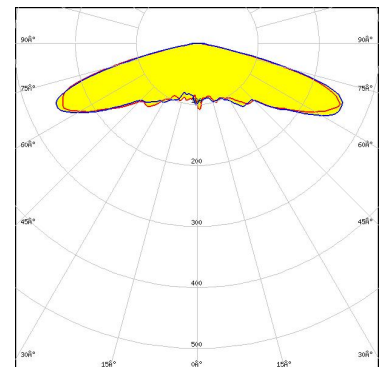
LED LH181B
FWHM / FWTM 140.0° / 148.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH351B
FWHM / FWTM 151.0° / 162.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

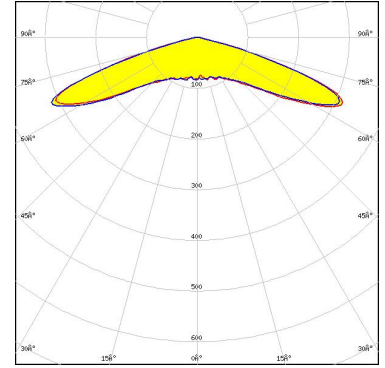


Light distribution files

OPTICAL RESULTS (SIMULATED):



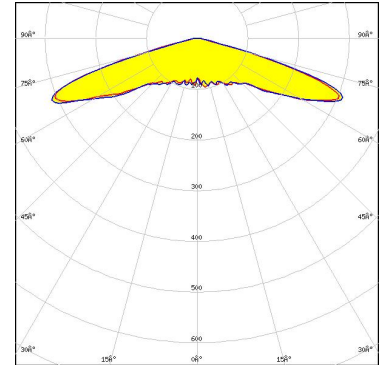
LED: SEOUL DC 3030C
FWHM / FWTM: 146.0° / 156.0°
Efficiency: 95 %
Peak intensity: 0.4 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:



Light distribution files



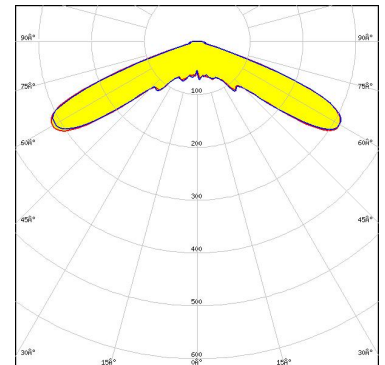
LED: Z5M1/Z5M2
FWHM / FWTM: 147.0° / 158.0°
Efficiency: 94 %
Peak intensity: 0.4 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:



Light distribution files




LED: Z8Y19
FWHM / FWTM: 138.0° / 148.0°
Efficiency: 93 %
Peak intensity: 0.4 cd/lm
LEDs/each optic: 1
Light colour/type: White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):

 SEUL SEMICONDUCTOR	
LED	Z8Y22
FWHM / FWTM	140.0° / 148.0°
Efficiency	92 %
Peak intensity	0.4 cd/lm
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:

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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LEDiL Oy

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Hong Kong, China

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