

DAHIA-TL110

~120° wide beam

SPECIFICATION:

Dimensions	321.0 x 80.5
Height	11 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

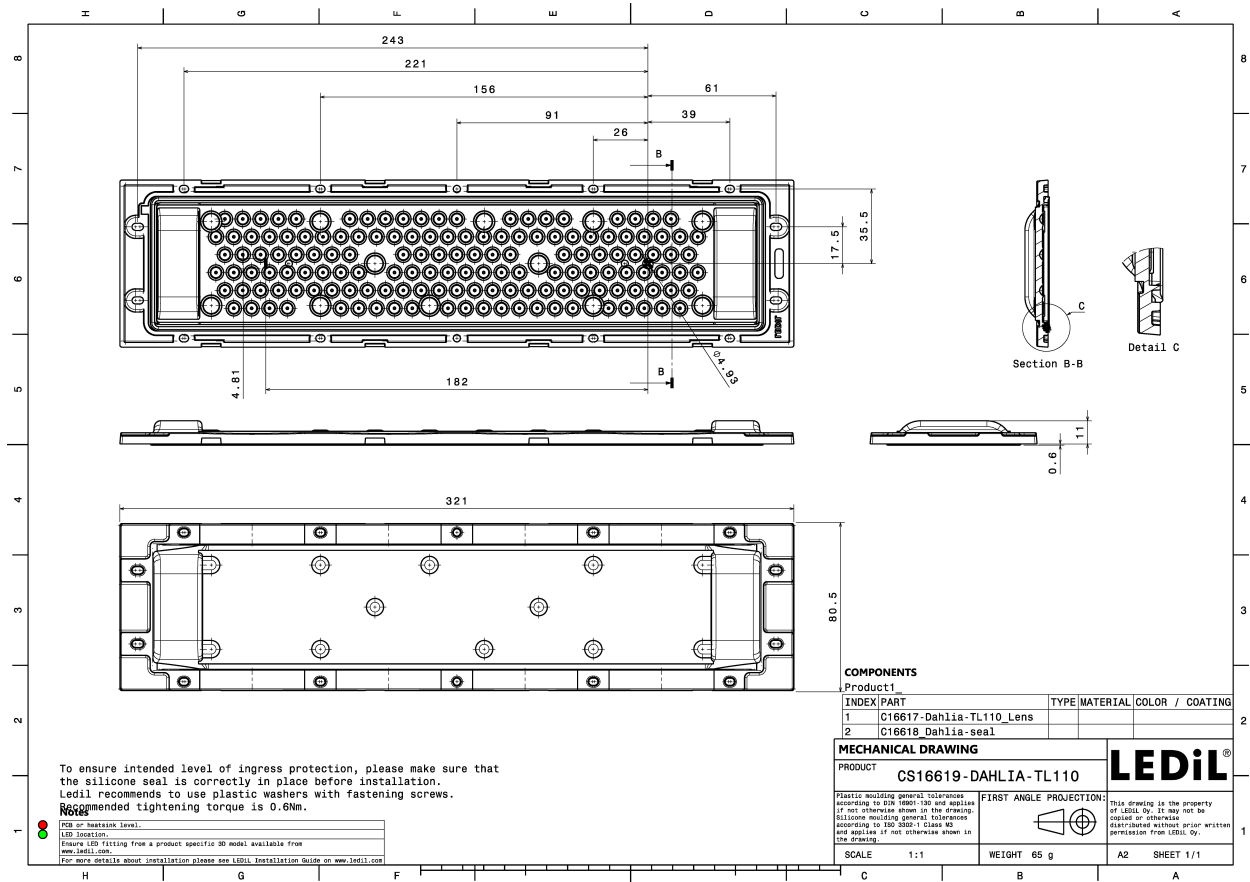


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
DAHIA-TL110	Multi-lens	PMMA	clear		
DAHIA-TL-SEAL	Seal	Silicone			

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CS16619_DAHIA-TL110 » Box size: 343 x 343 x 298 mm	80	80	4	8.9

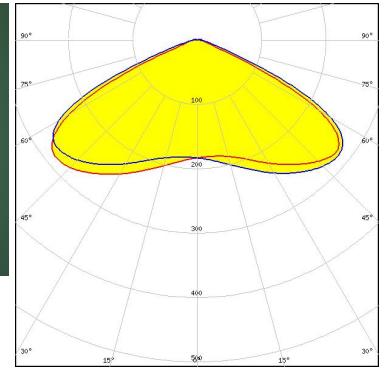


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CEZOS

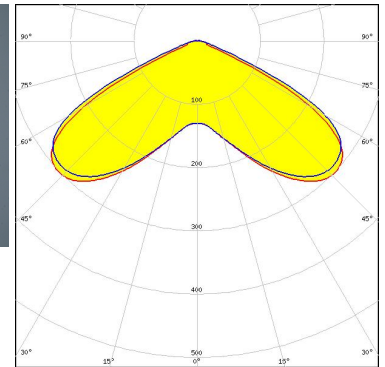
LED L0-278053-HW-C2800-K414
 FWHM / FWTM 130.0° / 143.0°
 Efficiency 96 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

CEZOS

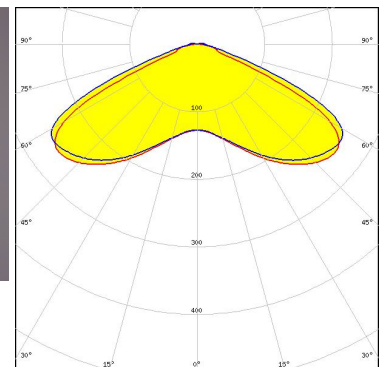
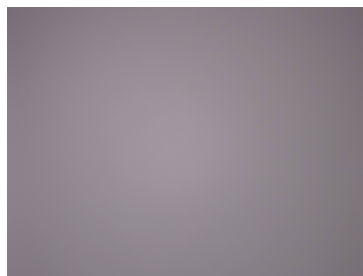
LED L0-278053-RGBW-C2000-K409
 FWHM / FWTM 127.0° / 138.0°
 Efficiency 95 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files

CEZOS

LED L0-278053-RGBW-C2100-K411
 FWHM / FWTM 133.0° / 156.0°
 Efficiency 92 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:

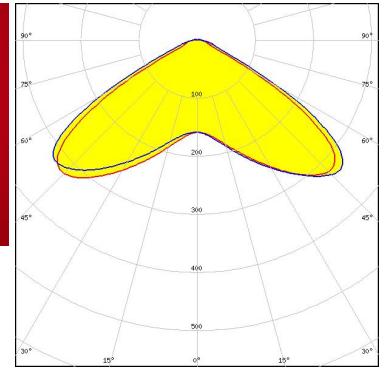


Light distribution files

OPTICAL RESULTS (MEASURED):

CEZOS

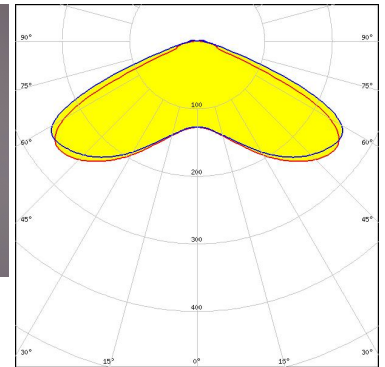
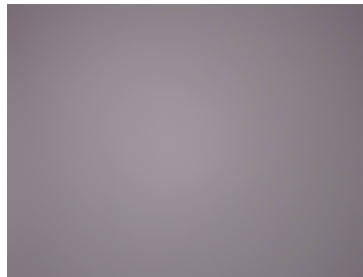
LED L0-278053-RRRR-C1000-K237
 FWHM / FWTM 122.0° / 142.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type Red
 Required components:



Light distribution files

LUMILEDS

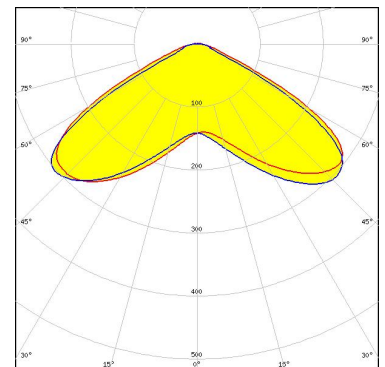
LED LUXEON C
 FWHM / FWTM 133.0° / 156.0°
 Efficiency 92 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files

LUMINUS

LED SST-10-B130
 FWHM / FWTM 123.0° / 140.0°
 Efficiency 93 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type Deep Red
 Required components:

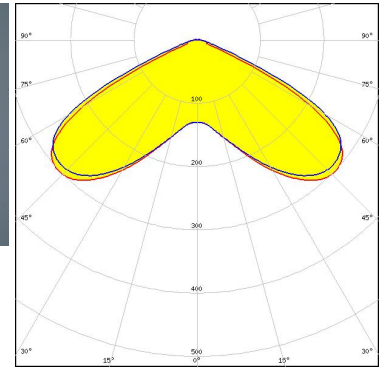


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

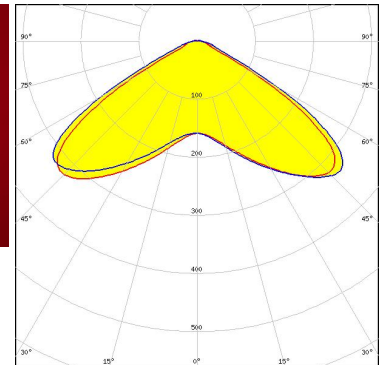
LED OSLON Pure 1414
 FWHM / FWTM 127.0° / 138.0°
 Efficiency 95 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

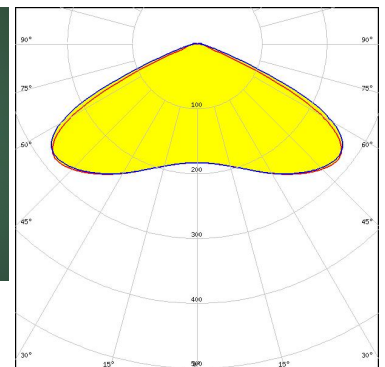
LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 122.0° / 142.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type Hyper Red
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Square GW CSSRM4.HW
 FWHM / FWTM 130.0° / 143.0°
 Efficiency 96 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

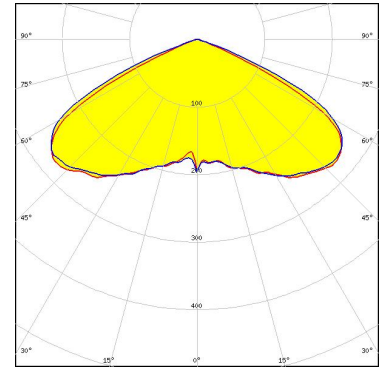


Light distribution files

OPTICAL RESULTS (SIMULATED):



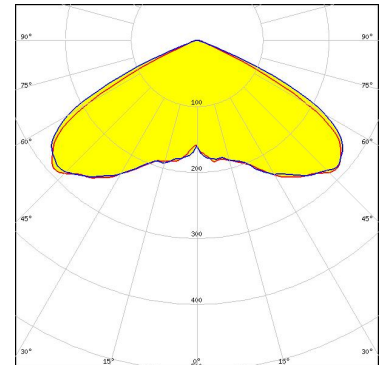
LED J Series 2835
 FWHM / FWTM 129.0° / 140.0°
 Efficiency 92 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



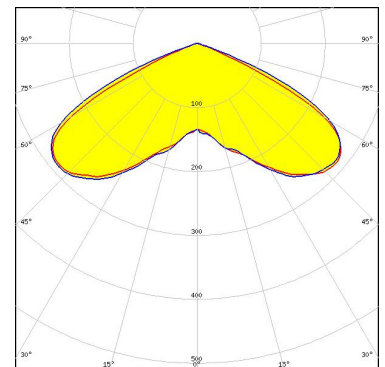
LED JB3030 HE B Class
 FWHM / FWTM 126.0° / 138.0°
 Efficiency 91 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

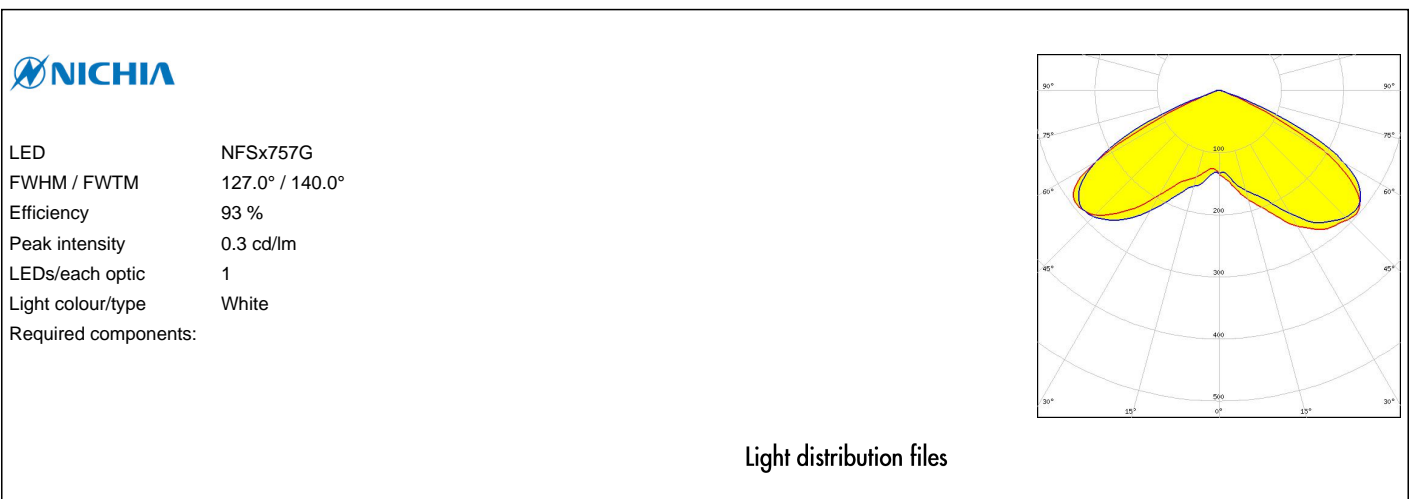
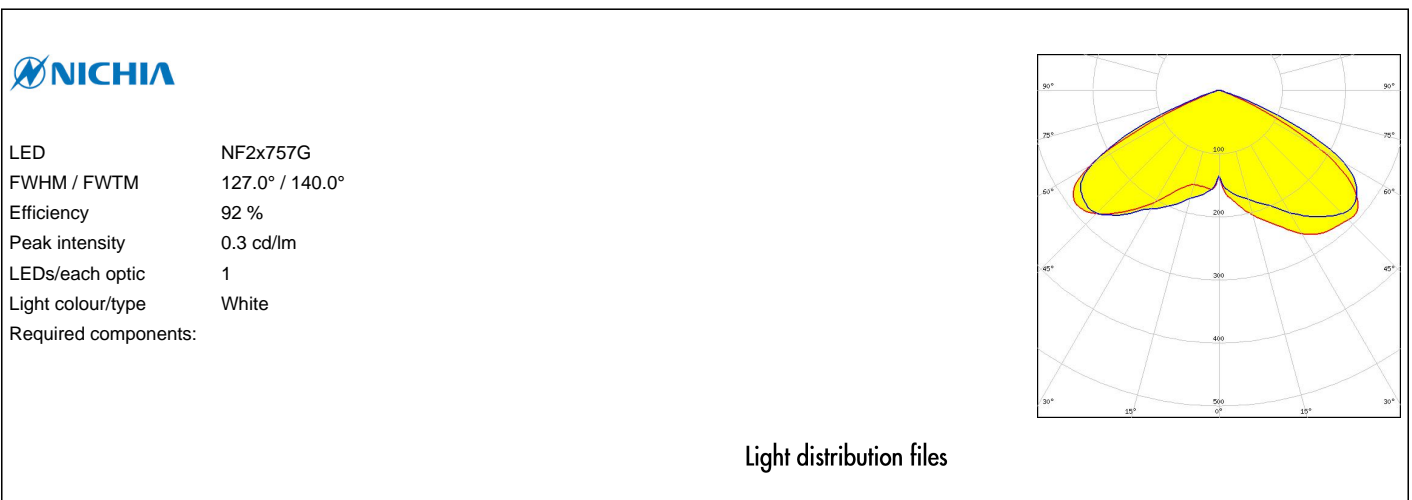
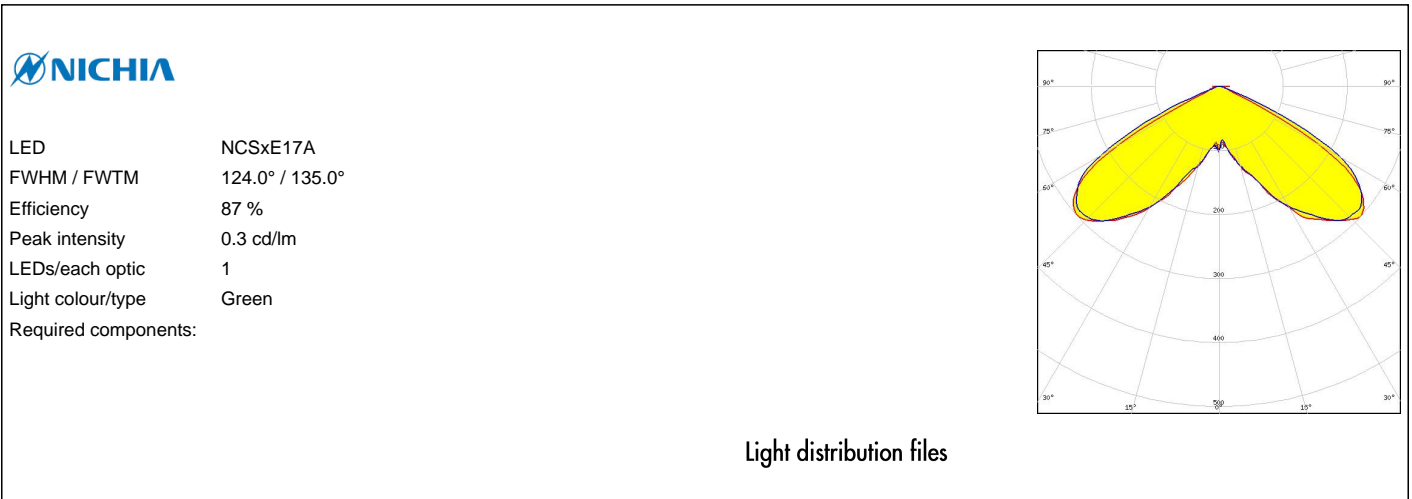


LED LUXEON 2835 Architectural
 FWHM / FWTM 118.0° / 133.0°
 Efficiency 93 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

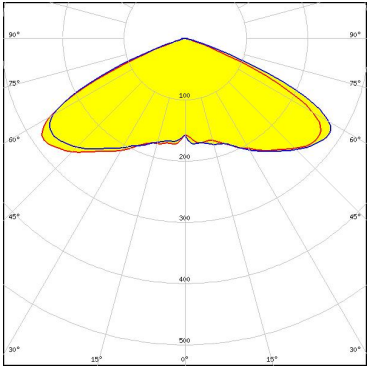
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

NICHIA

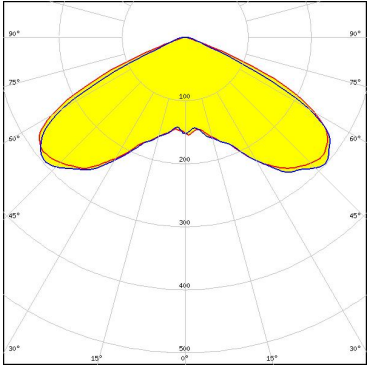
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	132.0° / 144.0°
Efficiency	93 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

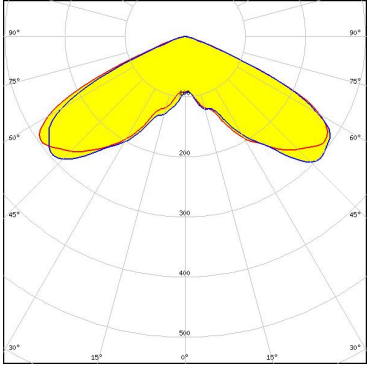
LED	DURIS S5 (Single chip)
FWHM / FWTM	128.0° / 141.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3030
FWHM / FWTM	129.0° / 142.0°
Efficiency	93 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

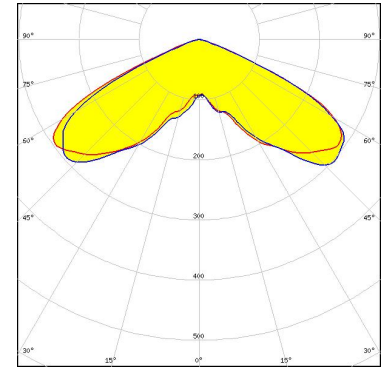


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

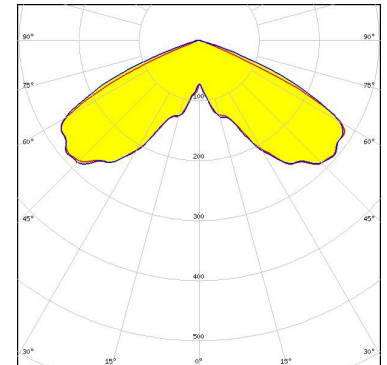
LED OSCONIQ P 3030
FWHM / FWTM 128.0° / 142.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type Hyper Red
Required components:



Light distribution files

OSRAM
Opto Semiconductors

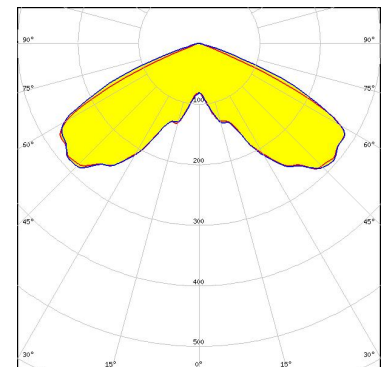
LED OSLO Pure 1414
FWHM / FWTM 130.0 + 134.0° / 138.0 + 146.0°
Efficiency 93 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type Deep Blue
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLO Pure 1414
FWHM / FWTM 130.0 + 134.0° / 138.0 + 146.0°
Efficiency 93 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type Green
Required components:

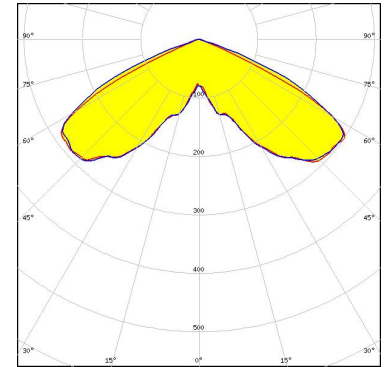


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

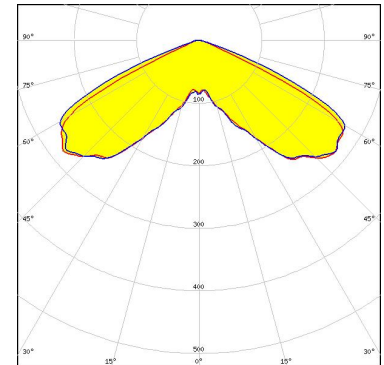
LED OSLON Pure 1414
 FWHM / FWTM 128.0 + 133.0° / 136.0 + 144.0°
 Efficiency 93 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

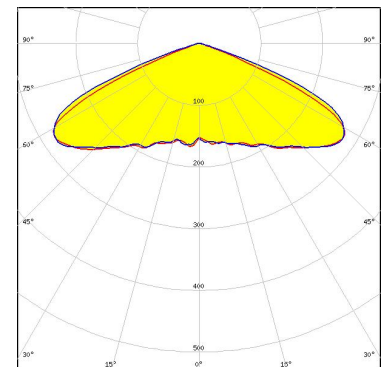
LED OSLON Pure 1414
 FWHM / FWTM 128.0 + 134.0° / 138.0 + 146.0°
 Efficiency 89 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type Red
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 135.0° / 145.0°
 Efficiency 93 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type Hyper Red
 Required components:

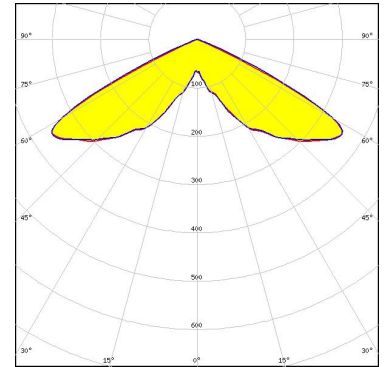


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

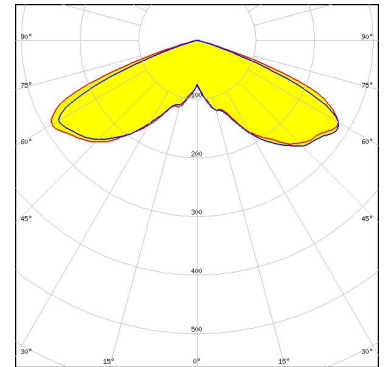
LED OSLON SSL 120
 FWHM / FWTM 127.0° / 135.0°
 Efficiency 95 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type Hyper Red
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

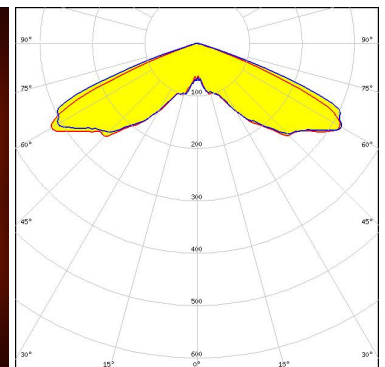
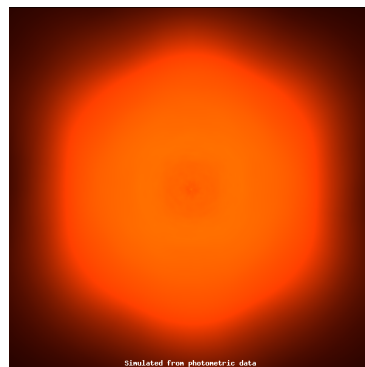
LED OSLON SSL 150
 FWHM / FWTM 137.0° / 146.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files


OSRAM
Opto Semiconductors

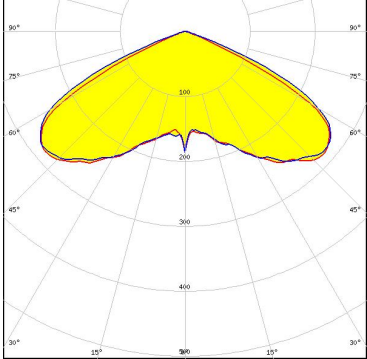
LED OSLON SSL 150 (Red)
 FWHM / FWTM 134.0 + 138.0° / 144.0 + 147.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type Red
 Required components:




Light distribution files

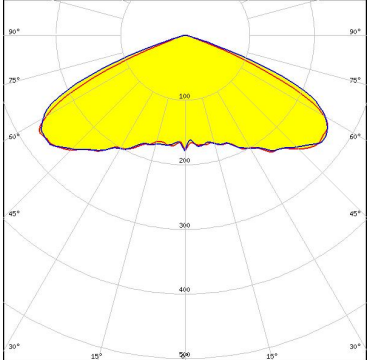
OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	SEOUL DC 3030
FWHM / FWTM	129.0° / 140.0°
Efficiency	92 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

 SEOUL SEMICONDUCTOR	
LED	Z5M
FWHM / FWTM	134.0° / 146.0°
Efficiency	92 %
Peak intensity	0.3 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

Distribution Partners

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