STRADA-C2

Beam for area and street lighting such as parks and pedestrian walkways. Assembly with installation tape.

SPECIFICATION:

Dimensions	19.6 x 15.5 mm
Height	5.9 mm
Fastening	tape, pin
ROHS compliant	yes

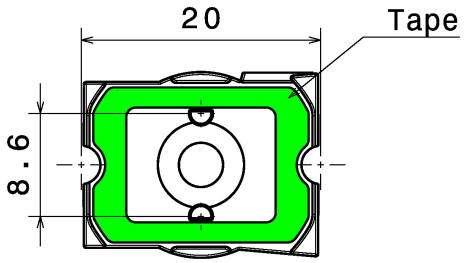
MATERIALS:

Component	Type	Material	Colour	Finish	Length
STRADA-C2	Single lens	PMMA	clear		19.6
VOSU-WU-M-365-TAPE	Tape	Acrylic foam			18.0

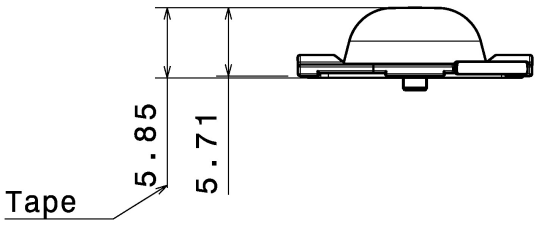
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11253_STRADA-C2	Single lens	4320	240	240	4.1
» Box size: 450 x 260 x 200 mm					

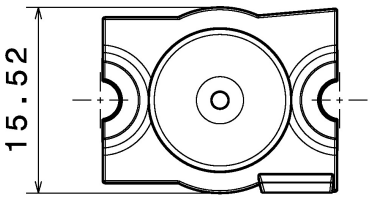
DATE
03.02.2021



Bottom view
Scale: 2:1



Front view
Scale: 2:1



Top view
Scale: 2:1

CA11253_STRADA-C2

PART	TYPE	MATERIAL	COLOR / COATING
C11252_STRADA-C2	LENS	PMMA	Clear
C10775_VOSU-WU-M-365-TAPE	TAPE		

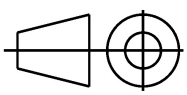
MECHANICAL DRAWING

PRODUCT STRADA

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:



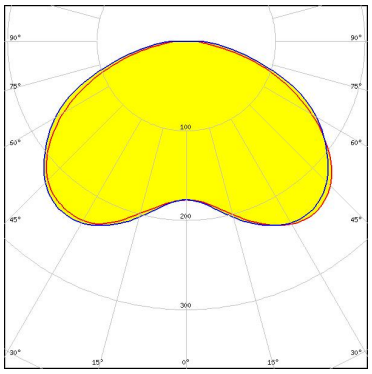
SCALE 2:1 | WEIGHT - | A4 SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XB-D
FWHM / FWTM	135.0° / 175.0°
Efficiency	93 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-E
FWHM / FWTM	124.0°
Efficiency	92 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

CREE LEDs

LED	XP-G
FWHM / FWTM	132.0°
Efficiency	92 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (MEASURED):

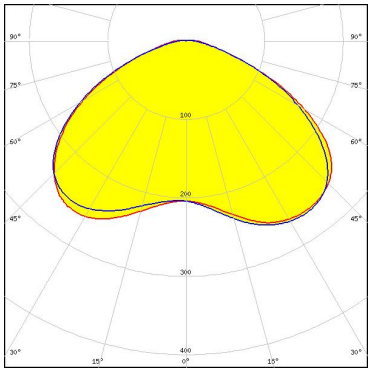
LUMILEDS

LED	LUXEON A
FWHM / FWTM	128.0°
Efficiency	92 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

LUMILEDS

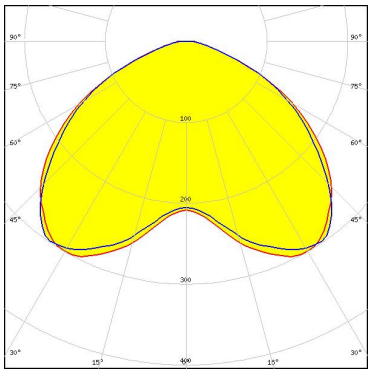
LED	LUXEON R
FWHM / FWTM	134.0° / 166.0°
Efficiency	93 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON Rebel
FWHM / FWTM	119.0°
Efficiency	92 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OPTICAL RESULTS (MEASURED):

LUMILEDS

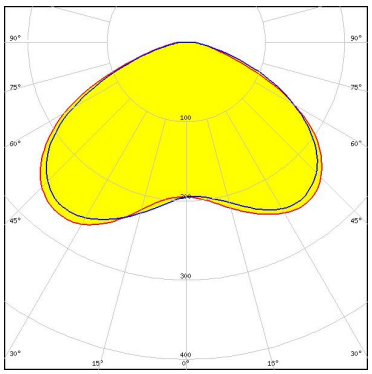
LED	LUXEON Rebel ES
FWHM / FWTM	128.0° / 162.0°
Efficiency	92 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

SetPlotAreaWorld(): X range error - min >= max

Light distribution files

LUMILEDS

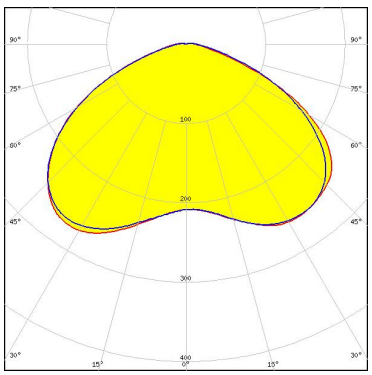
LED	LUXEON T
FWHM / FWTM	136.0°
Efficiency	92 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON TX
FWHM / FWTM	134.0° / 165.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

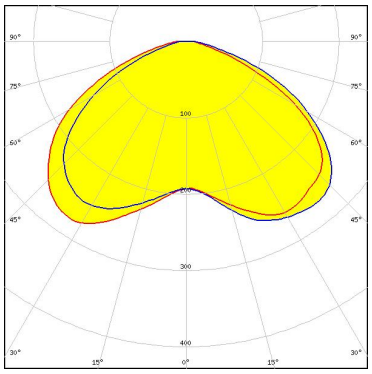


Light distribution files

OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON Z ES
FWHM / FWTM	136.0° / 165.0°
Efficiency	93 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

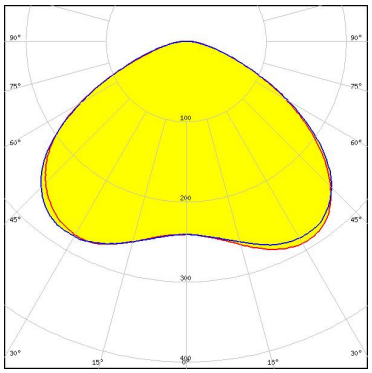
NICHIA

LED	NCSxx19A
FWHM / FWTM	124.0°
Efficiency	92 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

NICHIA

LED	NVSW219D
FWHM / FWTM	126.0° / 161.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA

LED	NVSxx19A
FWHM / FWTM	124.0°
Efficiency	92 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

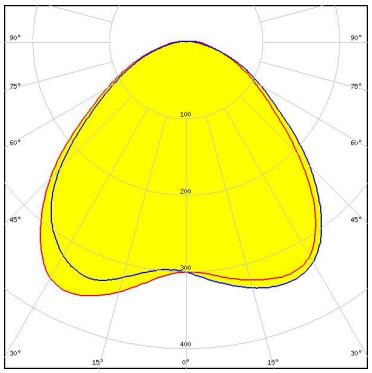
OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	92.0°
Efficiency	92 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	107.0° / 158.0°
Efficiency	93 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OPTICAL RESULTS (MEASURED):

SHARP

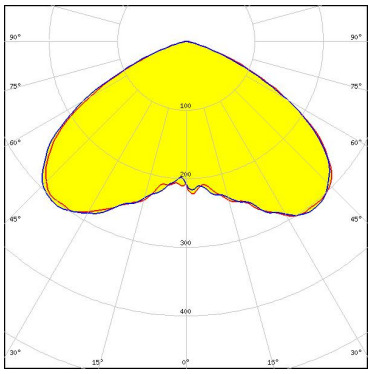
LED	Double Dome (GM2BB)
FWHM / FWTM	122.0°
Efficiency	92 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

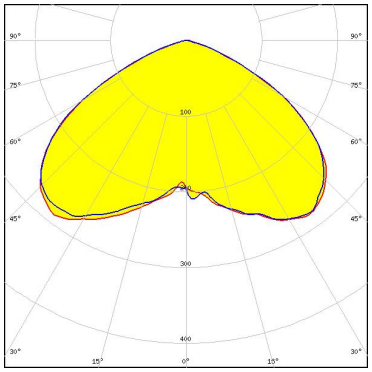
LED	J Series 2835
FWHM / FWTM	123.0° / 145.0°
Efficiency	96 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-E2
FWHM / FWTM	122.0° / 146.0°
Efficiency	88 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

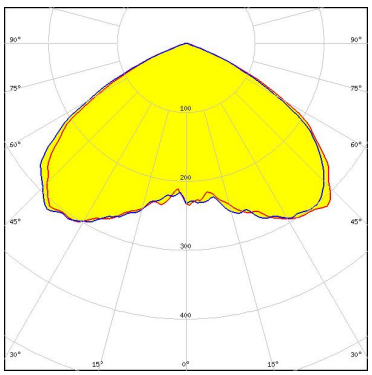


Protective plate, glass

Light distribution files

LUMILEDS

LED	LUXEON H50-2
FWHM / FWTM	121.0° / 138.0°
Efficiency	92 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

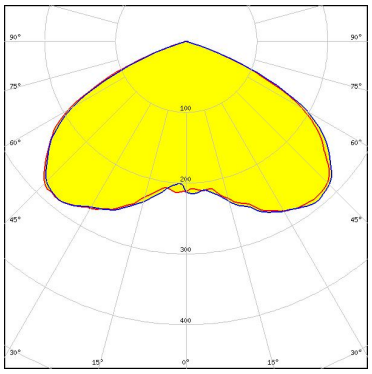


Light distribution files

OPTICAL RESULTS (SIMULATED):

NICHIA

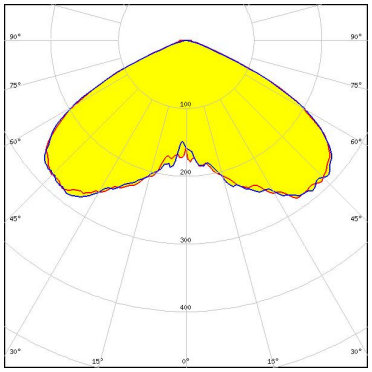
LED	NVSW219F
FWHM / FWTM	127.0° / 142.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

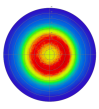
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	124.0° / 144.0°
Efficiency	94 %
LEDs/each optic	1
Light colour/type	White
Required components:	

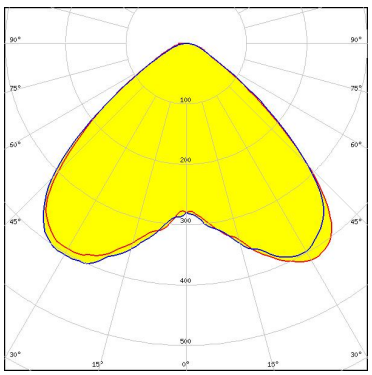


Light distribution files

OSRAM
Opto Semiconductors

LED	SFH 4715AS
FWHM / FWTM	100.0° / 128.0°
Efficiency	96 %
LEDs/each optic	1
Light colour/type	IR
Required components:	

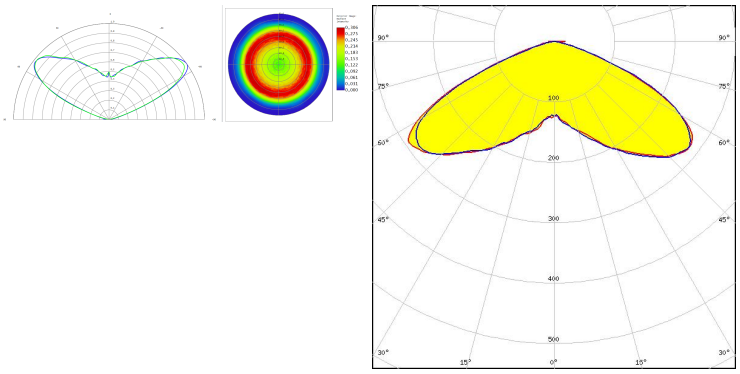




Light distribution files

OPTICAL RESULTS (SIMULATED):

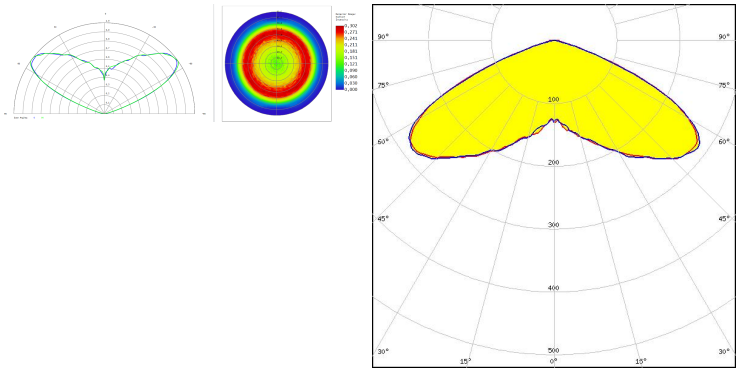
OSRAM
Opto Semiconductors



LED	SFH 4716AS
FWHM / FWTM	134.0° / 153.0°
Efficiency	96 %
LEDs/each optic	1
Light colour/type	IR
Required components:	

Light distribution files

OSRAM
Opto Semiconductors



LED	SFH 4716S
FWHM / FWTM	134.0° / 150.0°
Efficiency	96 %
LEDs/each optic	1
Light colour/type	IR
Required components:	

Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5
FWHM / FWTM	122.0°
Efficiency	%
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.

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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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