STRADELLA-8-HB-W

~90° wide beam for industrial applications

TECHNICAL SPECIFICATIONS:

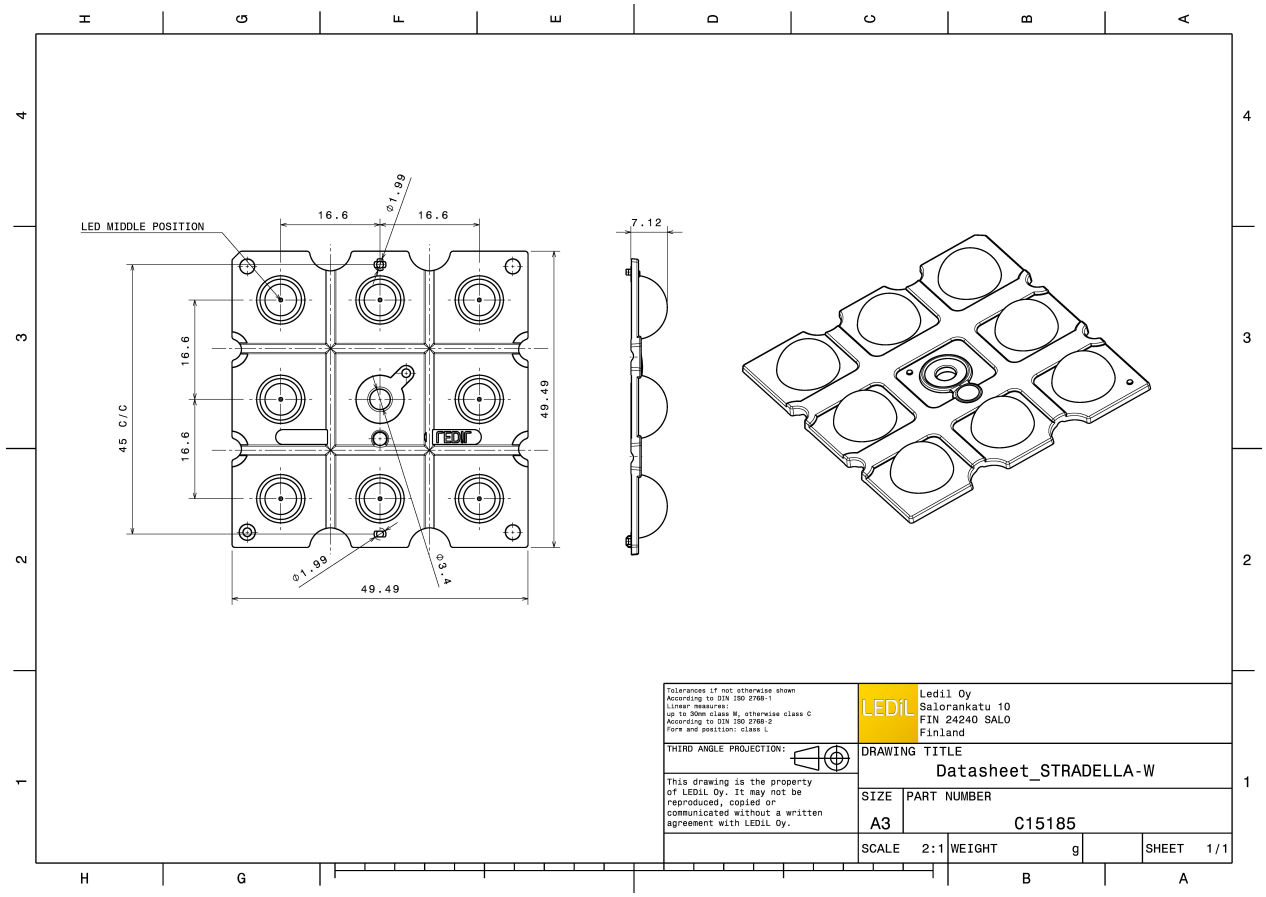
Dimensions	49.5 x 49.5 mm
Height	7.1 mm
Fastening	pin, screw
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADELLA-8-HB-W	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15185_STRADELLA-8-HB-W » Box size: 480 x 280 x 300 mm	800	160	160	6.0

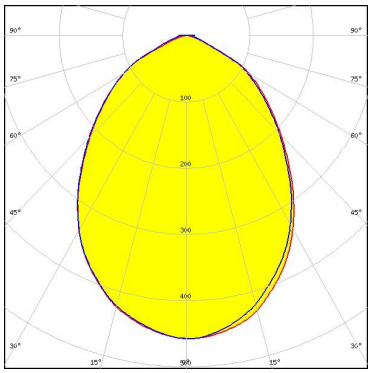


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

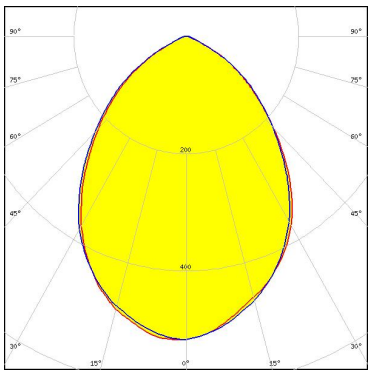
COMET ELECTRONICS

LED	QUICK FLUX XT 2x8 xxx STRDLL G5
FWHM / FWTM	85.0° / 135.0°
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



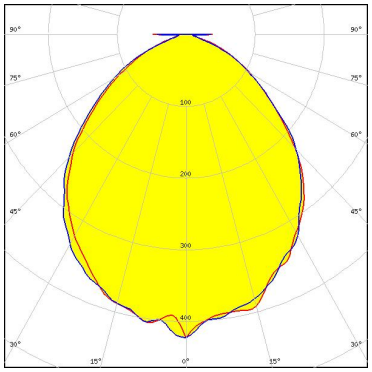
CREE LED

LED	J Series 3030
FWHM / FWTM	83.0° / 128.0°
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



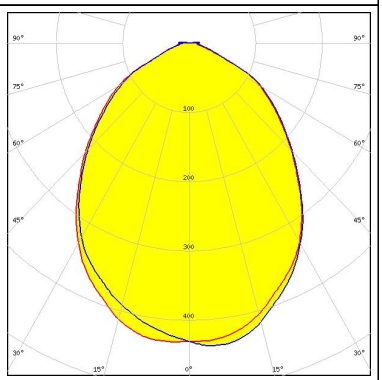
CREE LED

LED	XP-G3
FWHM / FWTM	97.0° / 138.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

LED	XT-E
FWHM / FWTM	91.0°
Efficiency	0 %
LEDs/each optic	1
Light colour	White
Required components:	



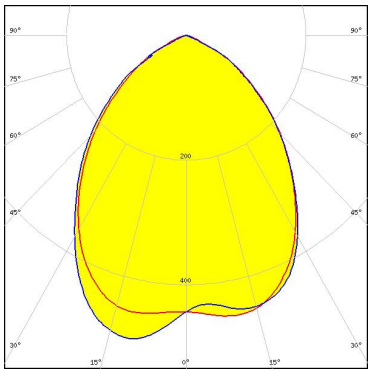
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON 3030 2D (Round LES)
FWHM / FWTM	87.0° / 129.0°
Efficiency	90 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

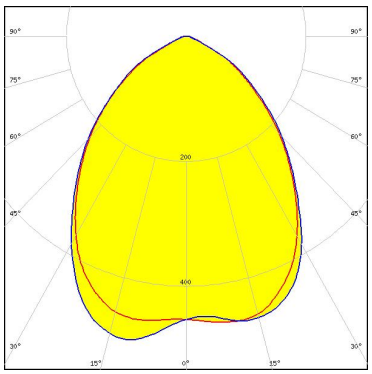
Protective plate, glass



LUMILEDS

LED	LUXEON 3030 2D (Round LES)
FWHM / FWTM	87.0° / 130.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

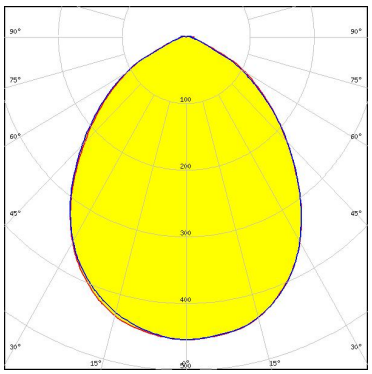
Required components:



LUMILEDS

LED	LUXEON V2
FWHM / FWTM	90.0° / 133.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

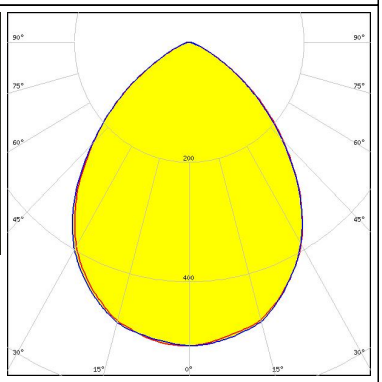
Required components:



NICHIA

LED	NVSW219D
FWHM / FWTM	87.0° / 126.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

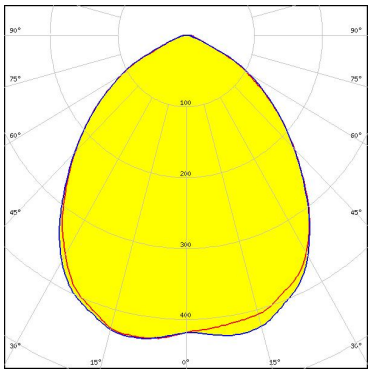
Required components:



PHOTOMETRIC DATA (MEASURED):

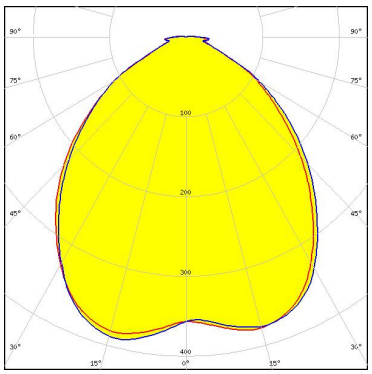
OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	93.0° / 134.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



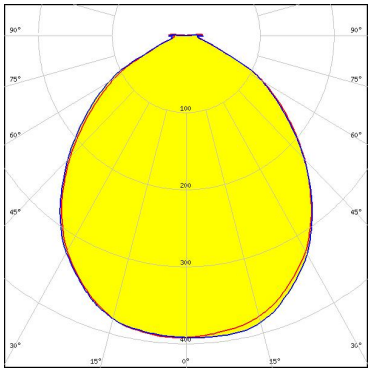
SEOUL SEMICONDUCTOR

LED	Z8Y19
FWHM / FWTM	100.0° / 142.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

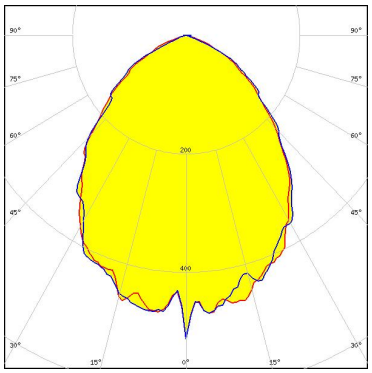
LED	Z8Y22P
FWHM / FWTM	98.0° / 141.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

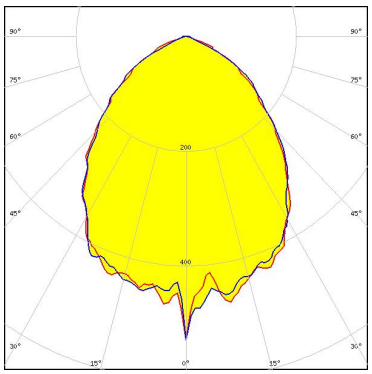
LUMILEDS

LED	LUXEON 3535L HE
FWHM / FWTM	80.0° / 131.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



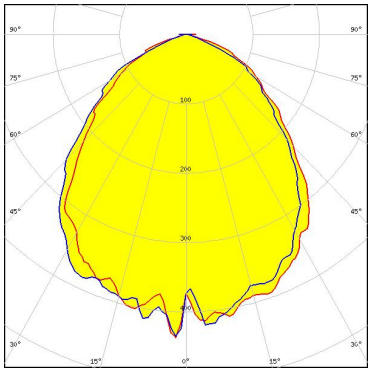
LUMILEDS

LED	LUXEON HR30
FWHM / FWTM	82.0° / 130.0°
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



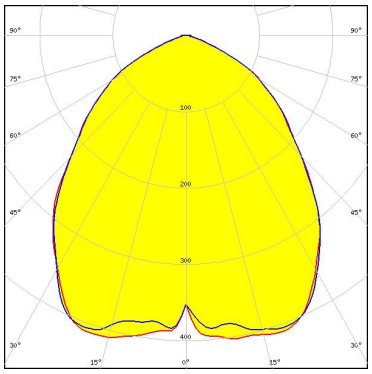
LUMILEDS

LED	LUXEON TX
FWHM / FWTM	84.0° / 139.0°
Efficiency	92 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

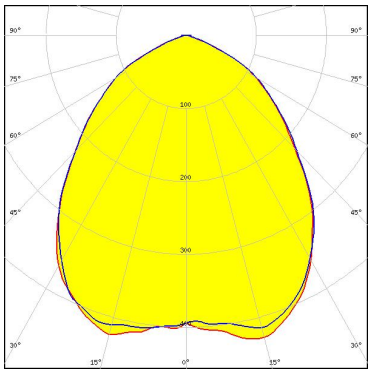
LED	NCSxE17A
FWHM / FWTM	90.0° / 138.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

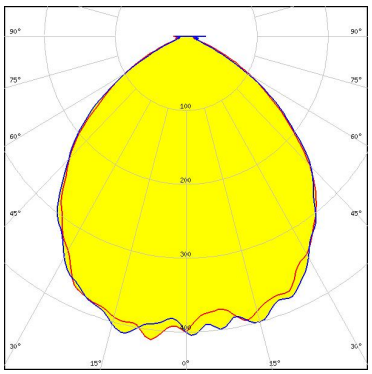
NICHIA

LED	NVSxE21A
FWHM / FWTM	90.0° / 138.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



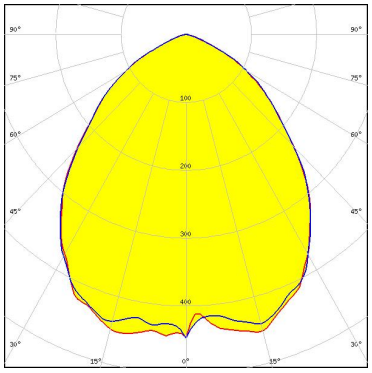
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	95.0° / 134.0°
Efficiency	91 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



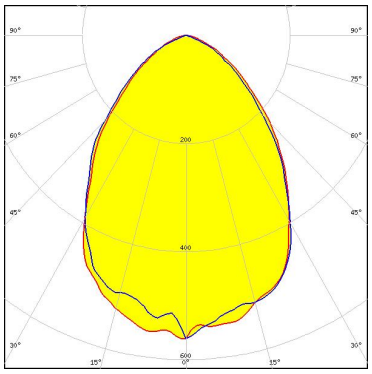
OSRAM
Opto Semiconductors

LED	OSCONIQ C 2424
FWHM / FWTM	92.0° / 134.0°
Efficiency	97 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

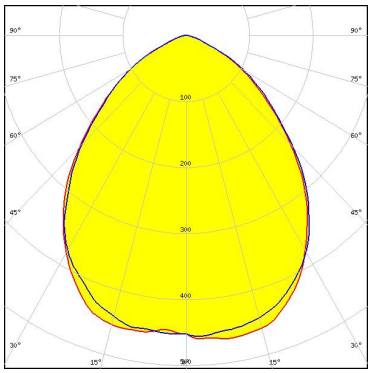
LED	OSCONIQ P 3030
FWHM / FWTM	80.0° / 130.0°
Efficiency	96 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

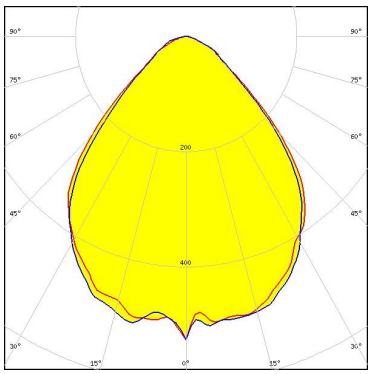
OSRAM Opto Semiconductors

LED	OSCONIQ P 3737 (2W version)
FWHM / FWTM	90.0° / 133.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM Opto Semiconductors

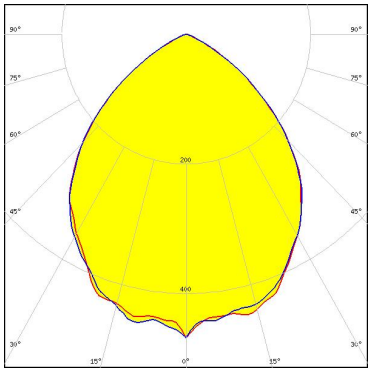
LED	OSLON Square PC
FWHM / FWTM	86.0° / 129.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

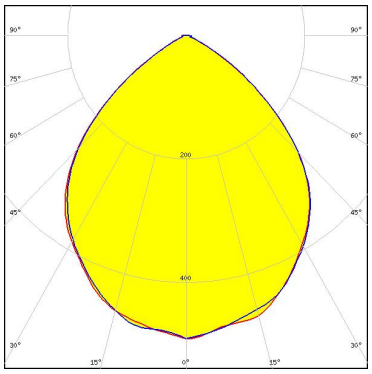
LED	LH351B
FWHM / FWTM	90.0° / 126.0°
Efficiency	89 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



SAMSUNG

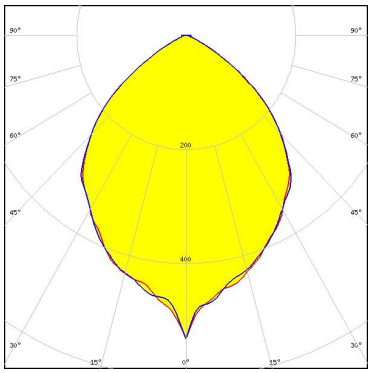
LED	LH351C
FWHM / FWTM	93.0° / 123.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LH351D
FWHM / FWTM	86.0° / 124.0°
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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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