STRADA-SQ-T-DN

Beam for area lighting with shorter illumination distances. Version with location pins. Optimized for CREE XP-E.



SPECIFICATION:

Dimensions	25.0 x 25.0 mm
Height	7.9 mm
Fastening	glue, pin, screw
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length
STRADA-SQ-T-DN	Single lens	PMMA	clear		25.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11889_STRADA-SQ-T-DN » Box size: 480 x 280 x 300 mm	2058	294	98	5.7

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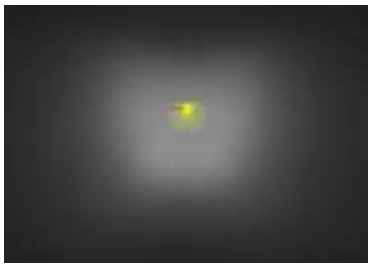
See also our general installation guide: www.ledil.com/installation_guide

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OPTICAL RESULTS (MEASURED):

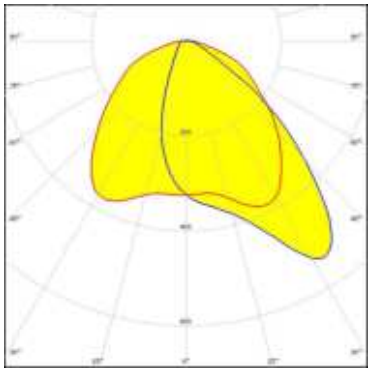
CREE LEDs

LED	XM-L
FWHM / FWTM	Asymmetric
Efficiency	92 %
LEDs/each optic	1
Light colour/type	White
Required components:	



CREE LEDs

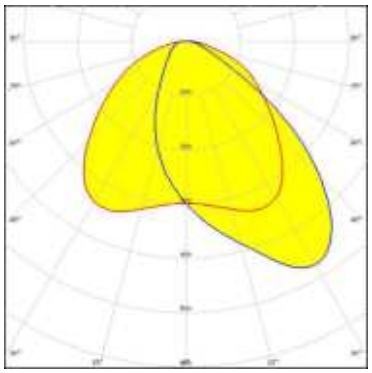
LED	XP-G2
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-L2
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XT-E
FWHM / FWTM	Asymmetric
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

LUMILEDS

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

LUMILEDS

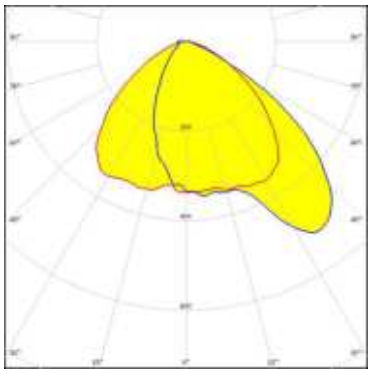
LED	LUXEON Rebel ES
FWHM / FWTM	Asymmetric
Efficiency	92 %
LEDs/each optic	1
Light colour/type	White
Required components:	

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OPTICAL RESULTS (SIMULATED):

CREE LEDs

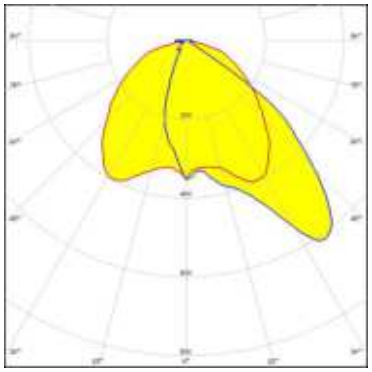
LED	XHP35 HD
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

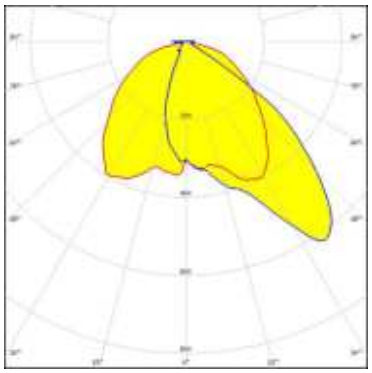
LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	



Light distribution files

CREE LEDs

LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



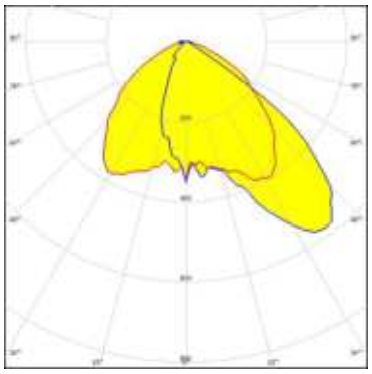
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CREE LEDs

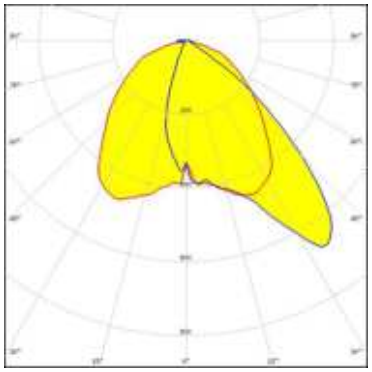
LED	XP-L HD
FWHM / FWTM	Asymmetric
Efficiency	93 %
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM

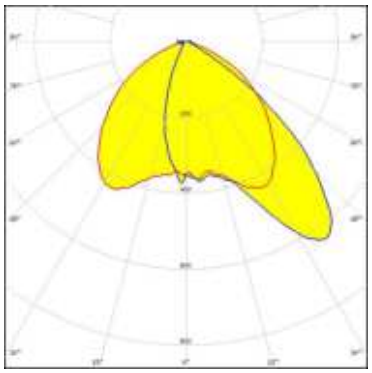
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LH351B
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



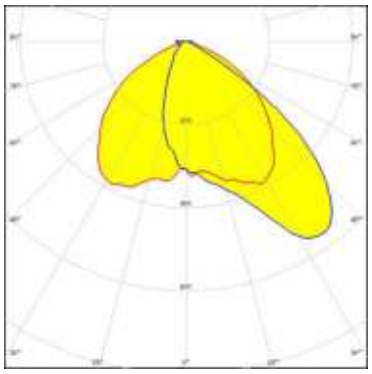
Light distribution files

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OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH351D
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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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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