STRADA-SQ-T-DWC

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type III (medium). Version with location pins.

SPECIFICATION:

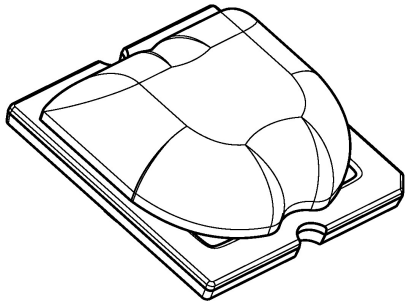
Dimensions	25.0 x 25.0 mm
Height	8 mm
Fastening	glue, pin, screw
ROHS compliant	yes

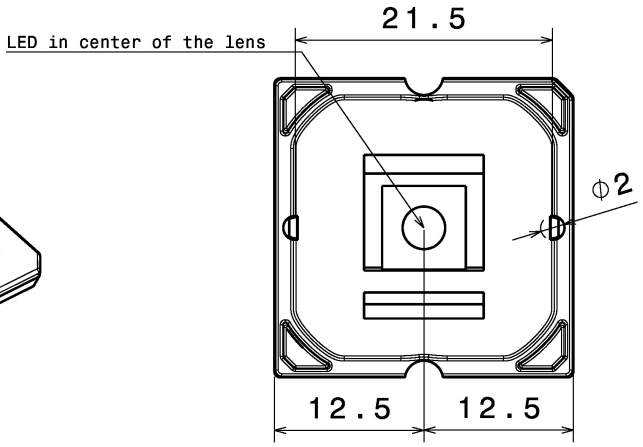
MATERIALS:

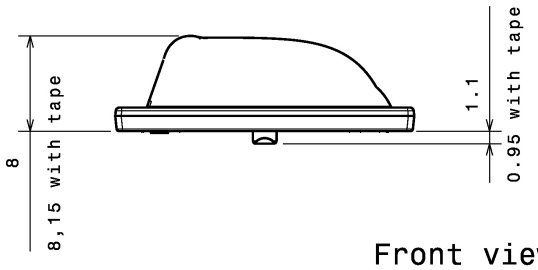
Component	Type	Material	Colour	Finish	Length
STRADA-SQ-T-DWC	Single lens	PMMA	clear		25.0

ORDERING INFORMATION:

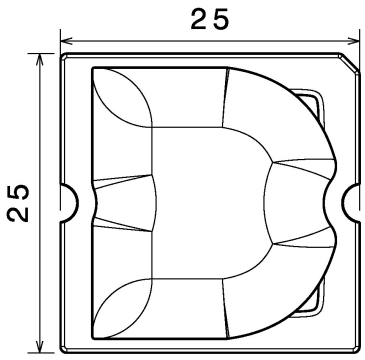
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12726_STRADA-SQ-T-DWC		294	98	7.9
» Box size:				







Front view



Top view

Materials:
Lens: PMMA

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

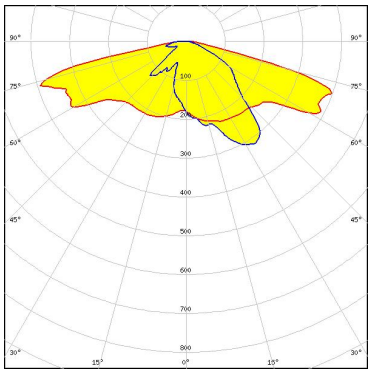
DRAWN BY: ol	DATE: 4.5.2012	DRAWING TITLE: Datasheet STRADA-SQ-DWC			
CHECKED BY: PV	DATE: 4.5.2012	SIZE: A4	DRAWING NUMBER: C12726		REV: 01
DESIGNED BY: OL	DATE: 24.4.2012	SCALE: 2:1	WEIGHT(kg): 0,00		SHEET: 1/1

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

OPTICAL RESULTS (MEASURED):

CREE LEDs

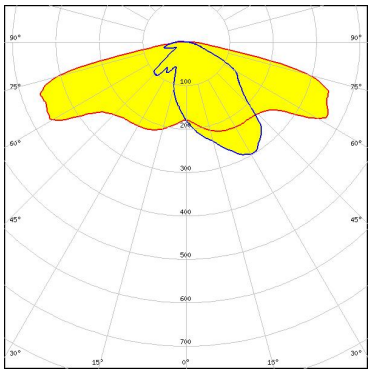
LED	XHP50
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

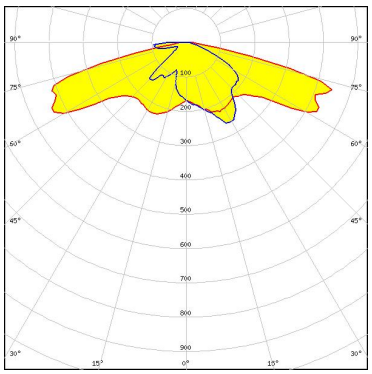
LED	XHP50.2
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

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

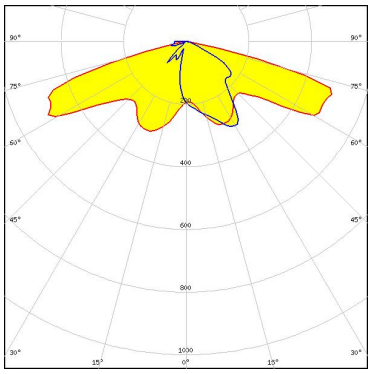


Light distribution files

OPTICAL RESULTS (MEASURED):

CREE LEDs

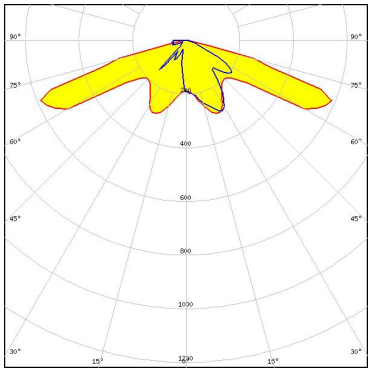
LED	XM-L2
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

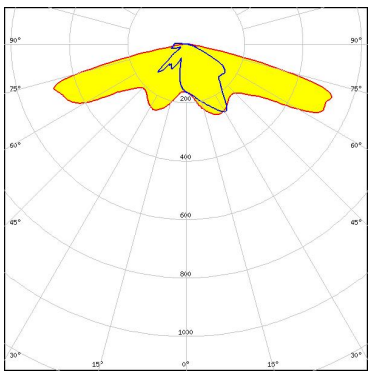
LED	XP-G2
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

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

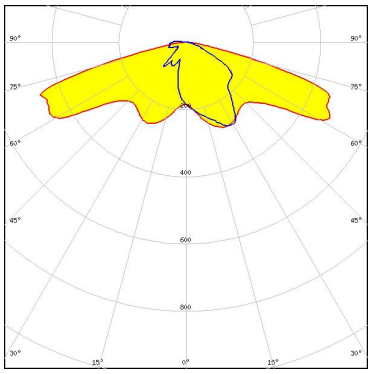


Light distribution files

OPTICAL RESULTS (MEASURED):

CREE LEDs

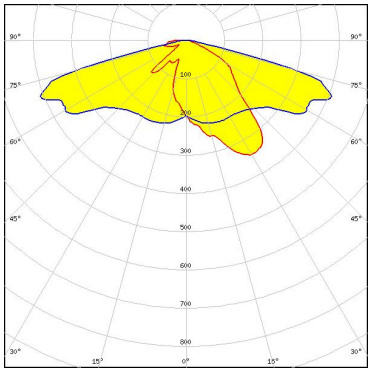
LED	XP-L2
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

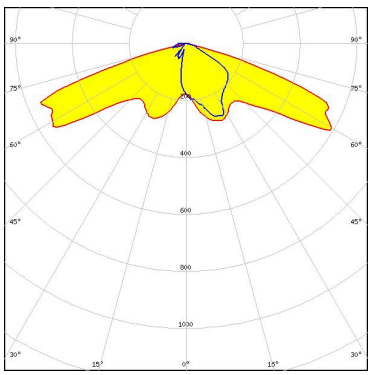
LED	LUXEON M/MX
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON MZ
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

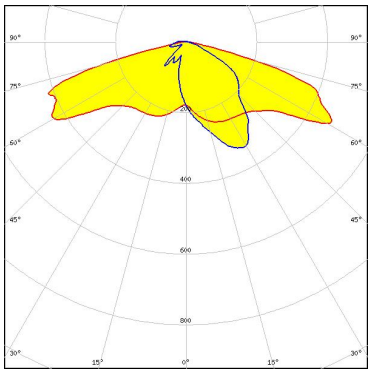


Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA

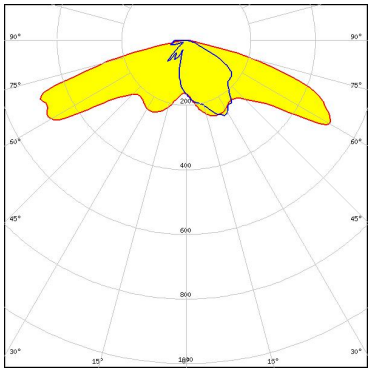
LED	NFMW48xA
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

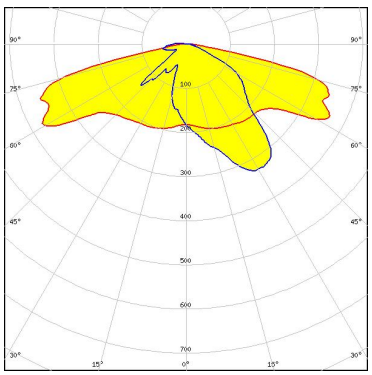
LED	NS9x383
FWHM / FWTM	Asymmetric
Efficiency	91 %
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

plessey

LED	PLW7070
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

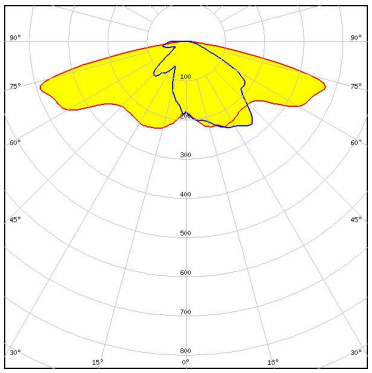
OPTICAL RESULTS (SIMULATED):

CREE LEDs

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

CREE LEDs

LED	XHP50.3 HD
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

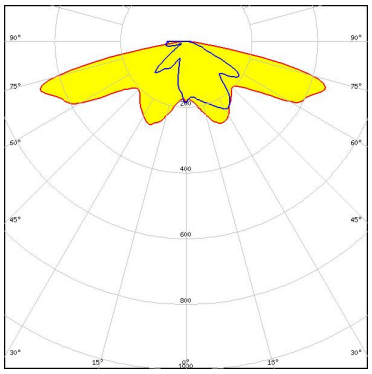
LED	LUXEON M/MX
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Protective plate, glass

OPTICAL RESULTS (SIMULATED):

NICHIA

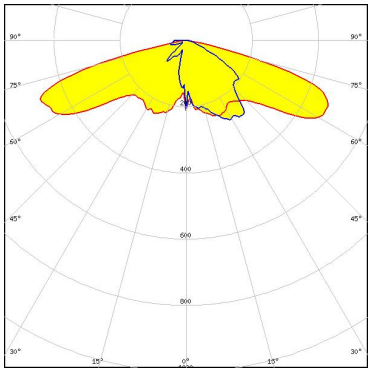
LED	NVSW519A
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

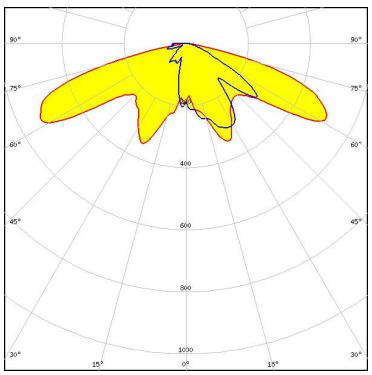
LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	94 %
LEDs/each optic	1
Light colour/type	White
Required components:	



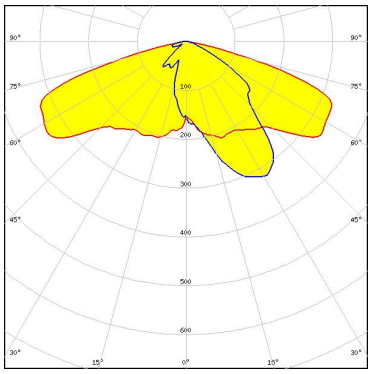
Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

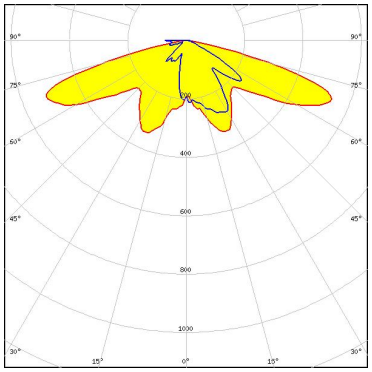
LED	LH181B
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.4 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	

Protective plate, glass



SAMSUNG

LED	LH351B
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.7 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.

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