STRADA-SQ-FT

Forward throw beam for area lighting. Assembly with installation tape. Version with location pins.

TECHNICAL SPECIFICATIONS:

Dimensions	25.0 mm
Height	12.7 mm
Fastening	pin, screw, tape
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADA-SQ-FT	Single lens	PMMA	clear	
ROSE-TAPE	Tape	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13752_STRADA-SQ-FT	Single lens	1568	294	98	7.2

» Box size: 480 x 280 x 300 mm

D | C | B | A

4

Isometric view

Bottom view

21.5

Ø2
pos pins

Led location in part center.

Ø3.2
screw hole

Ø2
pin hole

Ø2

25.4

12.7

Front view

3

21.5

0.9

PCB suggestion

Ø3.2

Top view

25

2

25

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	CA13752	STRADA-SQ-FT	PMMA / PU double sided tape	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CA13752_STRADA-SQ-FT

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SIZE	PART NUMBER
A4	CA13752

SCALE 1:1 | WEIGHT - g | SHEET 1/1

D | A

PHOTOMETRIC DATA (MEASURED):

CREE
LED	MK-R
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
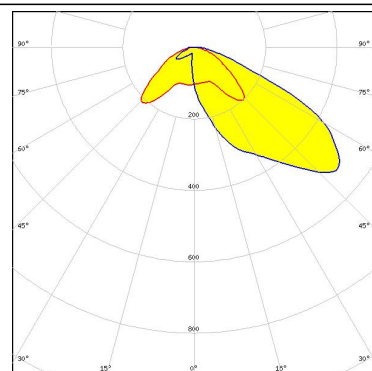
CREE
LED	XHP50
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
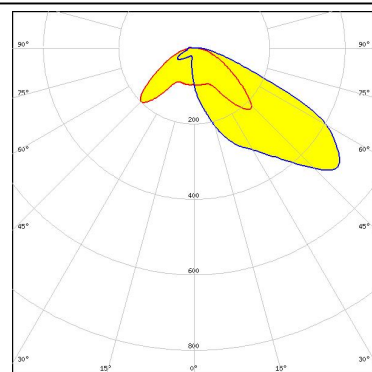
CREE
LED	XM-L
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
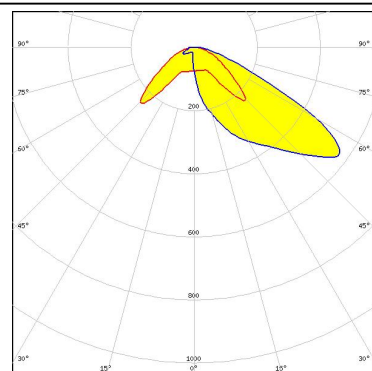
CREE
LED	XP-L HD
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-L2
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS
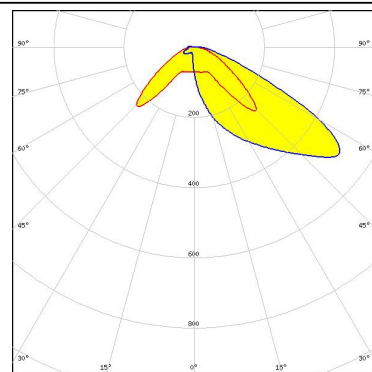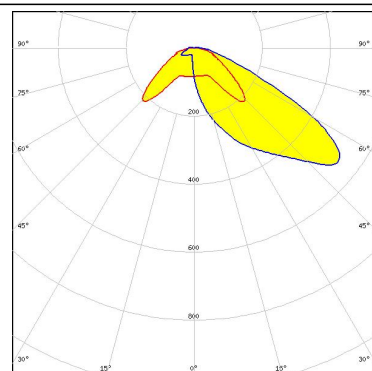
LED	LUXEON M/MX
FWHM	Asymmetric
Efficiency	88 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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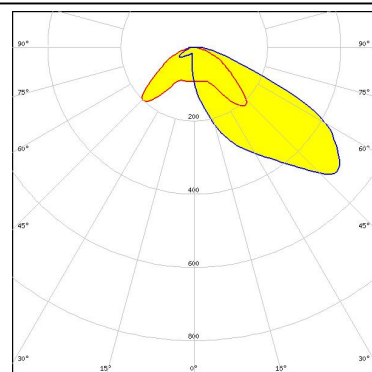
LED	LUXEON MZ
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS
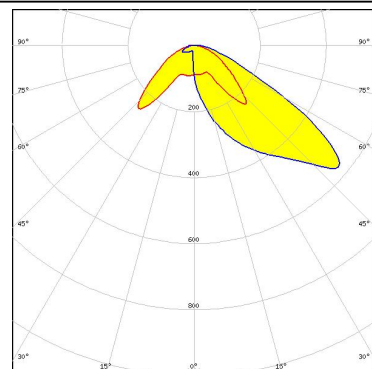
LED	LUXEON XR-M linear 1x3, 1x4, 1x5
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (MEASURED):

NICHIA
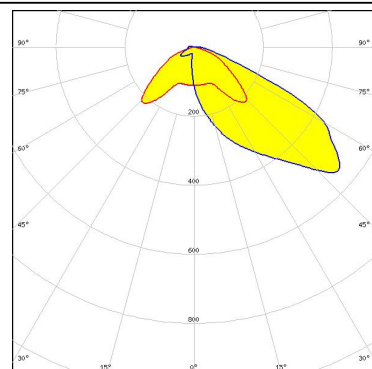
LED	NVSW319B
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
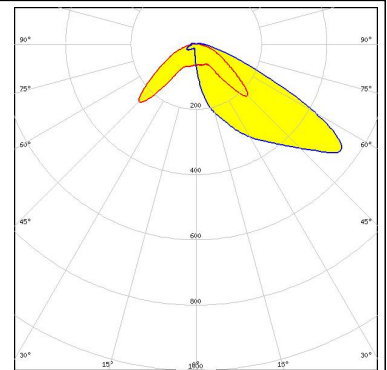
OSRAM
Opto Semiconductors

LED	Duris S10
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

CREE
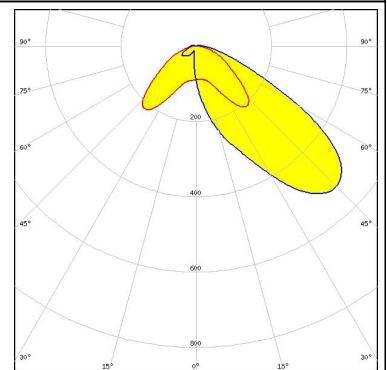
LED	MX-3
FWHM	Asymmetric
Efficiency	90 %
LEDs/each optic	1
Light colour	White
Required components:	

CREE
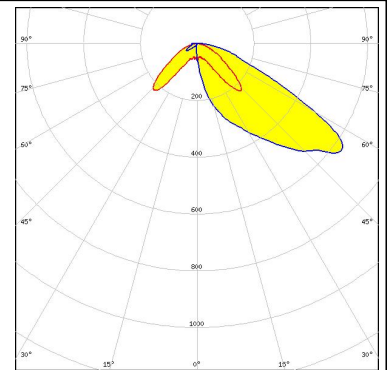
LED	MX-6
FWHM	Asymmetric
Efficiency	90 %
LEDs/each optic	1
Light colour	White
Required components:	

CREE
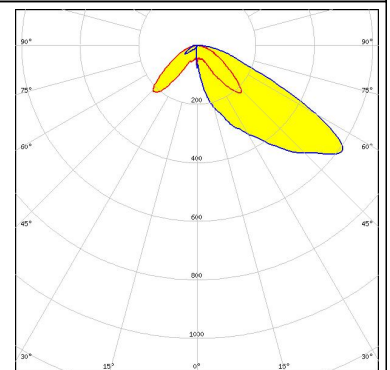
LED	XM-L2
FWHM	Asymmetric
Efficiency	90 %
LEDs/each optic	1
Light colour	White
Required components:	

CREE
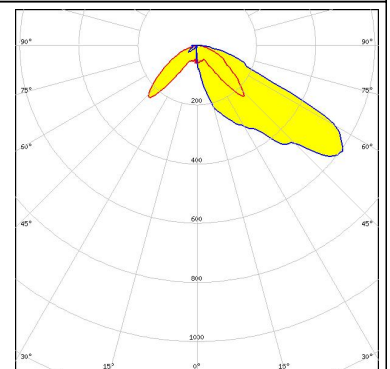
LED	XP-G2
FWHM	Asymmetric
Efficiency	89 %
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

CREE
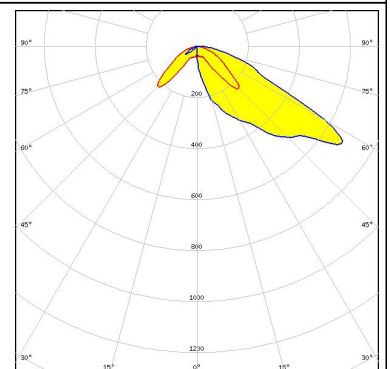
LED	XP-G3
FWHM	Asymmetric
Efficiency	76 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Transparent protective cover

CREE
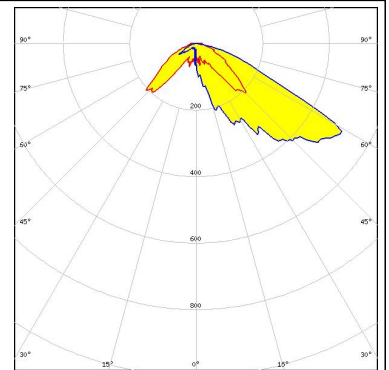
LED	XP-L2
FWHM	Asymmetric
Efficiency	76 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Transparent protective cover

LUMILEDS

LED	LUXEON M/MX
FWHM	Asymmetric
Efficiency	91 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS
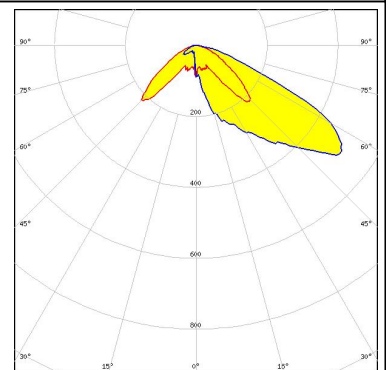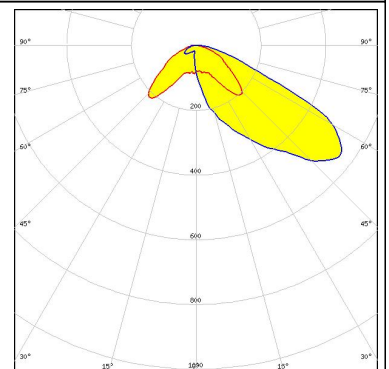
LED	LUXEON M/MX
FWHM	Asymmetric
Efficiency	78 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Transparent protective cover

PHOTOMETRIC DATA (SIMULATED):
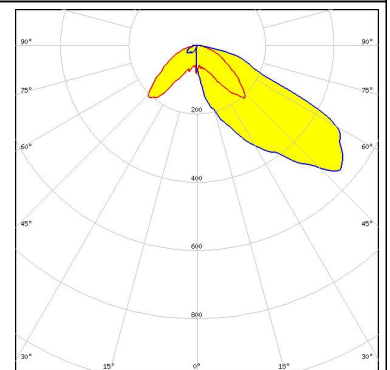
OSRAM
Opto Semiconductors

LED	OSCONIQ C 2424
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
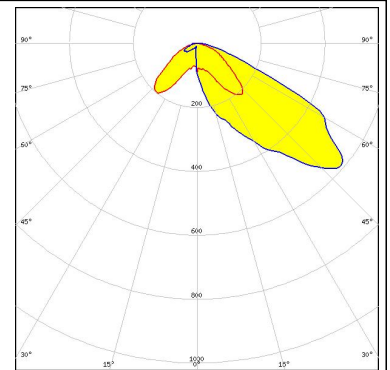
OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM	Asymmetric
Efficiency	89 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

SAMSUNG

LED	LH181B
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	
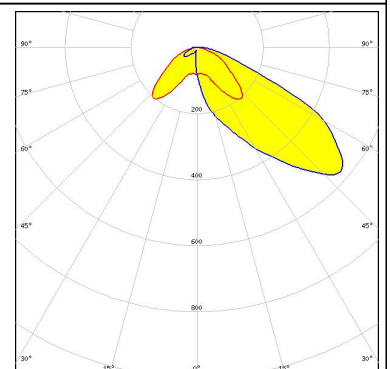
GENERAL INFORMATION:

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:

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