STRADA-SQ-VSM

IESNA Type V (square) beam for wide areas lighting such as car parks. Version with location pins. Assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	25.0 x 25.0 mm
Height	7 mm
Fastening	tape, pin, screw
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADA-SQ-VSM	Single lens	PMMA	clear	
ROSE-TAPE	Tape	Acrylic foam	black	
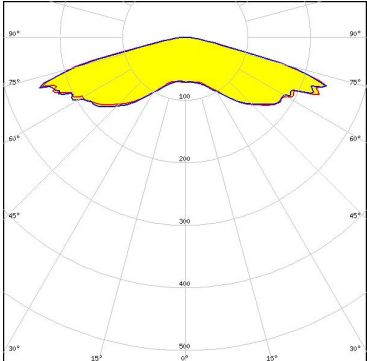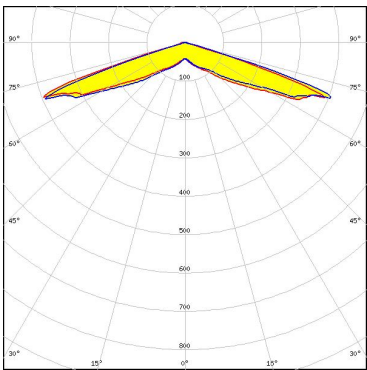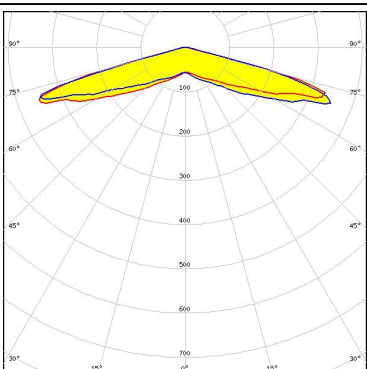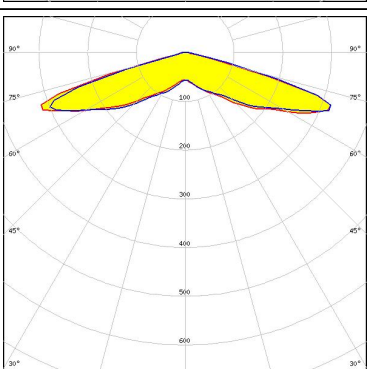
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12891_STRADA-SQ-VSM	Single lens	2058	294	98	7.8

» Box size: 480 x 280 x 300 mm

D | C | B | A

25

∅2

21.52 c/c

25

Bottom view

∅3.2

25.4
c/c fastening

Top view

Beam direction

6.8

6.9 with tape

Front view

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 Oy Salorankatu 10 FIN 24240 SALO Finland

THIRD ANGLE PROJECTION:

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DRAWING TITLE
STRADA-SQ-VSM MechanicalDrawing

SIZE	PART NUMBER
A4	-

SCALE	2:1	WEIGHT	-	SHEET	1/1

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

PHOTOMETRIC DATA (MEASURED):

	CREE LED
LED	MK-R
FWHM / FWTM	156.0° / 171.0°
Efficiency	91 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

	CREE LED
LED	XHP35 HI
FWHM / FWTM	145.0° / 148.0°
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

	CREE LED
LED	XM-L
FWHM / FWTM	154.0°
Efficiency	93 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

	CREE LED
LED	XM-L2
FWHM / FWTM	155.0° / 177.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (MEASURED):

CREE LED

LED	XP-L HD
FWHM / FWTM	150.0° / 159.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LED
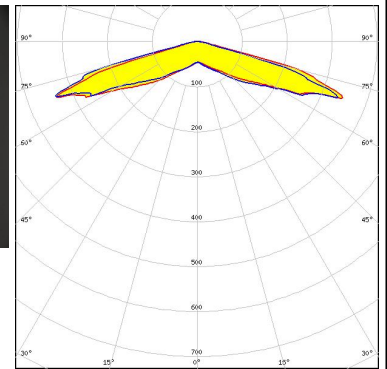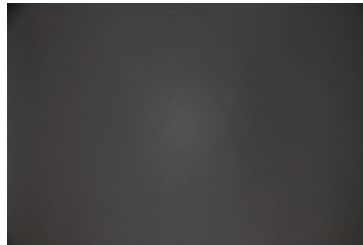
LED	XP-L2
FWHM / FWTM	146.0° / 163.0°
Efficiency	93 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LED
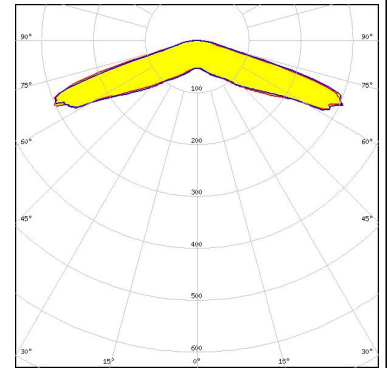
LED	XT-E
FWHM / FWTM	151.0°
Efficiency	93 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
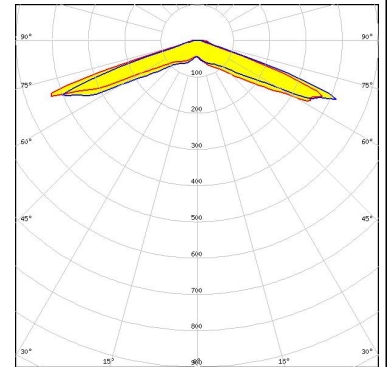
LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	154.0°
Efficiency	93 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
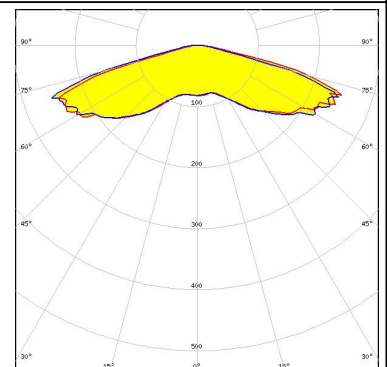
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON MZ
FWHM / FWTM	148.0° / 173.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
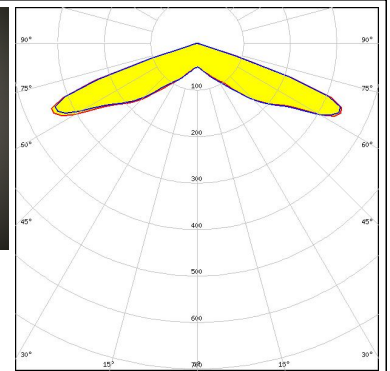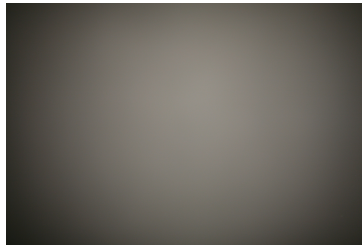
LUMILEDS

LED	LUXEON T
FWHM / FWTM	145.0°
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
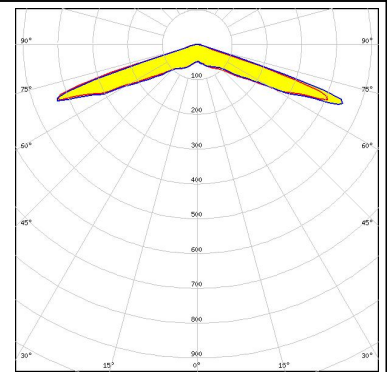
LUMILEDS

LED	LUXEON TX
FWHM / FWTM	148.0° / 152.0°
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
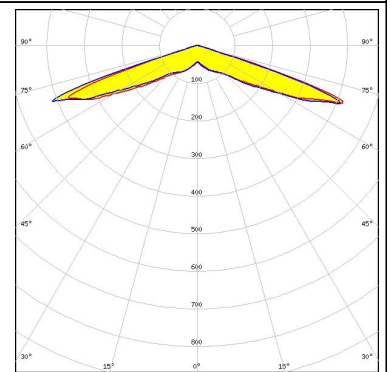
LUMILEDS

LED	LUXEON XR-M linear 1x3, 1x4, 1x5
FWHM / FWTM	151.0° / 162.0°
Efficiency	92 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
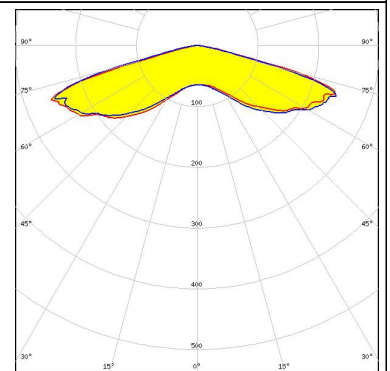
PHOTOMETRIC DATA (MEASURED):

NICHIA

LED	NCSU033A
FWHM / FWTM	149.0° / 155.0°
Efficiency	93 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NS9x383
FWHM / FWTM	149.0°
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NV4x144A
FWHM / FWTM	156.0° / 176.0°
Efficiency	91 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM
Opto Semiconductors

LED	Duris S10
FWHM / FWTM	148.0° / 158.0°
Efficiency	93 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

CREE LED

LED	XHP35 HD
FWHM / FWTM	158.0° / 170.0°
Efficiency	89 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LED

LED	XP-G3
FWHM / FWTM	148.0° / 156.0°
Efficiency	90 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

LED	LUXEON H50-2
FWHM / FWTM	140.0° / 144.0°
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	144.0°
Efficiency	89 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	150.0° / 158.0°
Efficiency	89 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM Opto Semiconductors

LED	Ostar
FWHM / FWTM	145.0° / 150.0°
Efficiency	92 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM Opto Semiconductors

LED	OSTAR Stage (S2WM)
FWHM / FWTM	145.0° / 150.0°
Efficiency	92 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM Opto Semiconductors

LED	OSTAR Stage (S2WN)
FWHM / FWTM	146.0° / 152.0°
Efficiency	92 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LH351B
FWHM / FWTM	148.0° / 156.0°
Efficiency	91 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
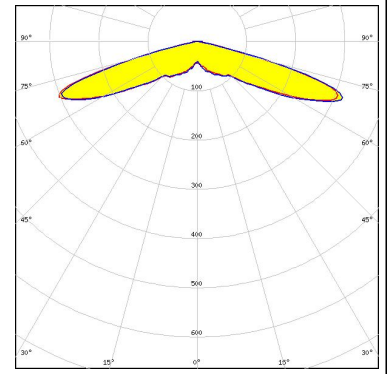
GENERAL INFORMATION:

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:

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