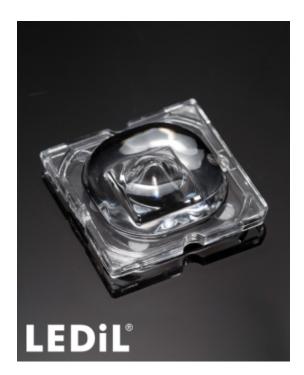


STRADA-SQ-VSM

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 mm Height 7 mm Fastening tape, pin, screw ROHS compliant yes 🛈



PRODUCT DATASHEET

MATERIAL SPECIFICATIONS:

Component STRADA-SQ-VSM **ROSE-TAPE**

Туре	Material	Colour
Single lens	PMMA	clear
Таре	PU tape	black

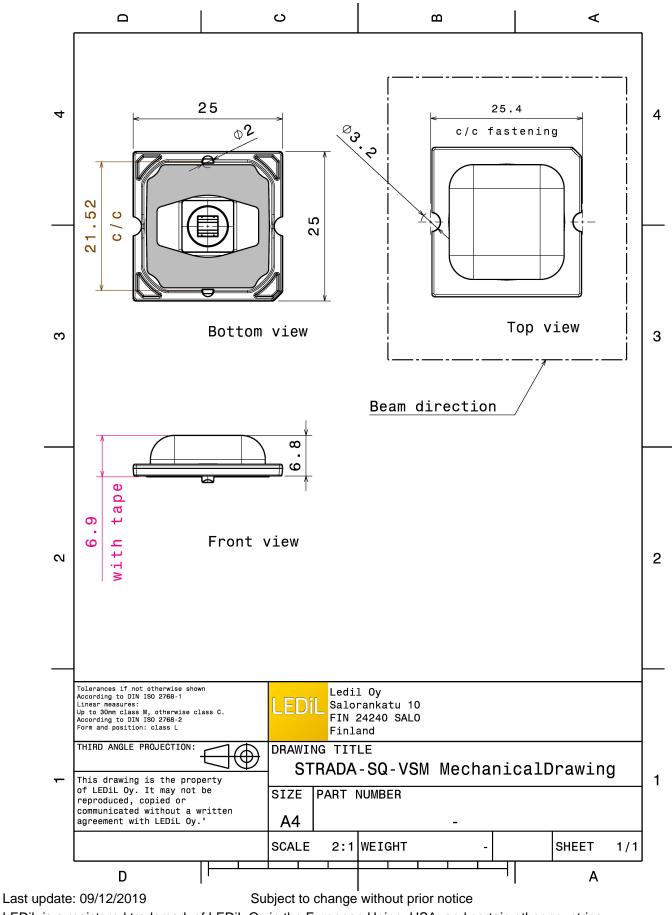
ORDERING INFORMATION:

Component CA12891_STRADA-SQ-VSM » Box size:

	Qty in box	MOQ	MPQ	Box weight (kg)
Single lens			98	7.8

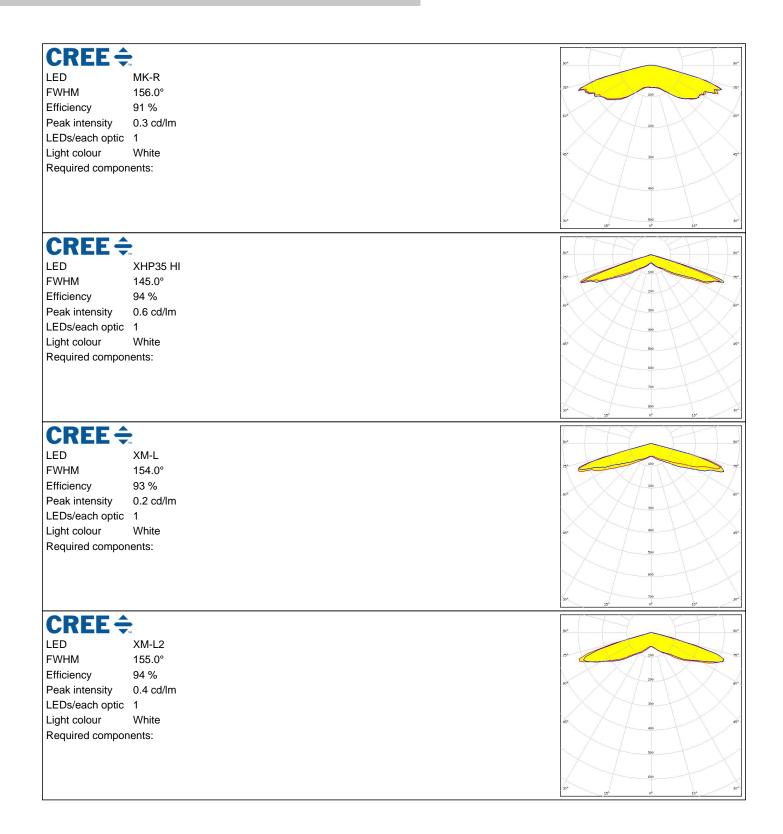
Finish





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FWHM Efficiency Peak intensity LEDs/each optic	XP-L HD 150.0° 94 % 0.5 cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic	XP-L2 146.0° 93 % 0.4 cd/lm 1 White	65 67 70 70 10 10 10 10 10 10 10 10 10 1
FWHM Efficiency Peak intensity LEDs/each optic	XT-E 151.0° 93 % 0.2 cd/lm 1 White	
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX 154.0° 93 % 0.3 cd/m 1 White	200
Required compon	ents.	50° 500 30° 30°



C LUMIL	EDS LUXEON MZ 148.0°	50° 5° 75° 500 72°
Efficiency	94 %	
Peak intensity	0.4 cd/lm	50 ⁴ 60 ⁴
LEDs/each optic		X X
Light colour	White	$X \times / X X$
Required compor		-65* 400 45*
Required compor		200
		\times
		600
		30* 11 ⁵ 20 ⁶ 30*
	EDS	
		90* 90+
LED	LUXEON T	100
FWHM	145.0°	20
Efficiency	92 %	51 ⁶ 300 50°
Peak intensity	0.7 cd/lm	$\nabla X \times / T \times X /$
LEDs/each optic		XXXX
Light colour	White	45° 500 65°
Required compor	nents:	600
		710
		200
		30* 200 30*
		19. 0. 12.
	EDS	THANK THE
		N° 92
LED	LUXEON TX	95* 95* 90*
LED FWHM	LUXEON TX 148.0°	90° 90° 73° 100 70°
LED FWHM Efficiency	LUXEON TX 148.0° 94 %	90° 73° 100 200 00°
LED FWHM Efficiency Peak intensity	LUXEON TX 148.0° 94 % 0.7 cd/lm	90° 733 60° 60° 700 700 700 700 700 700 700
LED FWHM Efficiency Peak intensity LEDs/each optic	LUXEON TX 148.0° 94 % 0.7 cd/lm 1	90° 73° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White	90° 90° 90° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White	90 73 60 60 60 60 60 60
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White	90° 73° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White	90° 73° 60° 60° 60° 60° 60° 60° 60° 60
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White nents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White hents: EDS	90° 73° 60° 60° 70° 70° 70° 70° 70° 70° 70° 7
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White hents: EDS LUXEON XR-M linear 1x3, 1x4, 1x5	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White hents: EDS LUXEON XR-M linear 1x3, 1x4, 1x5 151.0°	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White hents: EDS LUXEON XR-M linear 1x3, 1x4, 1x5 151.0° 92 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White hents: EDS LUXEON XR-M linear 1x3, 1x4, 1x5 151.0° 92 % 0.3 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White nents: EDS LUXEON XR-M linear 1x3, 1x4, 1x5 151.0° 92 % 0.3 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White nents: EDS LUXEON XR-M linear 1x3, 1x4, 1x5 151.0° 92 % 0.3 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White nents: EDS LUXEON XR-M linear 1x3, 1x4, 1x5 151.0° 92 % 0.3 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White nents: EDS LUXEON XR-M linear 1x3, 1x4, 1x5 151.0° 92 % 0.3 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White nents: EDS LUXEON XR-M linear 1x3, 1x4, 1x5 151.0° 92 % 0.3 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON TX 148.0° 94 % 0.7 cd/lm 1 White nents: EDS LUXEON XR-M linear 1x3, 1x4, 1x5 151.0° 92 % 0.3 cd/lm 1 White	



~/		
ΜΝΙCΗΙΛ		90° 90°
LED	NCSU033A	
FWHM	149.0°	73°
Efficiency	93 %	200
Peak intensity	0.6 cd/lm	60 ⁴
LEDs/each optic		
Light colour	White	40
Required compor		
rtequired compor		
		710
		30° 15° 80 15° 30°
Μ ΝΙCΗΙΛ		
		90* 90*
LED	NS9x383	75° 100 75°
FWHM	149.0°	
Efficiency	91 %	60° 200 60°.
Peak intensity	0.5 cd/lm	
LEDs/each optic		
Light colour	White	45* 400 45*
Required compor	ients:	
		200
		60
		30* 30*
		5/4
MAICHIA		
MNICHIA		10°
LED	NV4x144A	90° 90°
LED FWHM	NV4x144A 156.0°	10 50 50 50 50 50 50 50 50 50 50 50 50 50
LED FWHM Efficiency	NV4x144A 156.0° 91 %	5° 50 5° 5°
LED FWHM Efficiency Peak intensity	NV4x144A 156.0° 91 % 0.3 cd/lm	50° 500 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM Efficiency Peak intensity LEDs/each optic	NV4x144A 156.0° 91 % 0.3 cd/lm 1	90* 93* 64* 80 67.
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White	92 ³ 92 ⁷ 92 ⁷ 85 ⁶ 86 ⁹ 85 ⁶ 86 ⁹ 85 ⁶ 86 ⁹ 85 ⁶ 87 ⁹
LED FWHM Efficiency Peak intensity LEDs/each optic	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White	91 92 33 10 97 64 60 67 30 67
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White	91 92 23 10 58 60 ⁴ 200 60 ⁴ 40 40 40
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White	80° 00° 00° 00° 00° 00° 00° 00° 00° 00°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White	20 20 20 20 20 20 20 20
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White nents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White hents: Duris \$10 148.0°	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White hents: Duris S10 148.0° 93 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White hents: Duris S10 148.0° 93 % 0.3 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White hents: Duris S10 148.0° 93 % 0.3 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White nents: Duris S10 148.0° 93 % 0.3 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White nents: Duris S10 148.0° 93 % 0.3 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White nents: Duris S10 148.0° 93 % 0.3 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White nents: Duris S10 148.0° 93 % 0.3 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NV4x144A 156.0° 91 % 0.3 cd/lm 1 White nents: Duris S10 148.0° 93 % 0.3 cd/lm 1 White	



PHOTOMETRIC DATA (SIMULATED):

EUMILE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON H50-2 140.0° 90 % 0.6 cd/lm 1 White	20 20 6 ¹ 20 6 ¹ 20 7 ¹ 20
S LUMILEI	LUXEON T	
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	145.0° 92 % 0.6 cd/lm 1 White ts:	
ΟΝΙCΗΙΛ LED		y.
FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	NVSxx19B/NVSxx19C 144.0° 89 % 0.5 cd/lm 1 White ts:	20 20 0 ⁺ 30 6 ⁺ 30 6 ⁺ 6 ⁺ 30 6 ⁺ 6 ⁺
		50 30 ⁴ 23 ⁴ 33 ⁴
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	OSCONIQ P 7070 150.0° 89 % 0.4 cd/lm 1 White ts:	5° 5° 100 5° 6° 300 6°
		10 10 10 10 10 10 10 10 10 10 10 10 10 1



PHOTOMETRIC DATA (SIMULATED):

OSRAM		THY YHT
Opto Semiconductors	Onter	90* 90*
LED	Ostar	750 100 750
FWHM	145.0°	210
Efficiency	92 %	50* 50*
Peak intensity	0.6 cd/lm	300
LEDs/each optic	1	
Light colour	White	65 ⁺ 500 65 ⁺
Required componer	its:	
		600
		710
		30* 800 30*
OSRAM		15 ⁵ 0 ⁶ 15 ⁵
Opto Semiconductors		90* 90*
LED	OSTAR Stage (S2WM)	100
FWHM	145.0°	73*
Efficiency	92 %	
Peak intensity	0.6 cd/lm	300 607
LEDs/each optic	1	400
Light colour	White	45*
Required componer	its:	
		00
		700
		30° 15 ⁵ 0 ⁶ 15° 30°
OSRAM Opto Semiconductors		905
LED	OSTAR Stage (S2WN)	
FWHM	146.0°	75° 100 75°
Efficiency	92 %	
Peak intensity	0.5 cd/lm	.60 ⁴ 200 60*.
LEDs/each optic	1	× / 300 ×
Light colour	White	
Required componer		400
litequirea compone.		~~~~~
		X / T
		500
		30° 15° 30° 30°
SAMSU	NG	
LED	LH351B	90* 90*
FWHM	148.0°	75° 100 75°
Efficiency	91 %	
Poak intensity		60° 200 66°.
Peak intensity	0.4 cd/lm	. 60 - 200 - 60°.
LEDs/each optic	0.4 cd/lm 1	201 201 201
LEDs/each optic Light colour	0.4 cd/lm 1 White	20 64 30 67 10 10
LEDs/each optic	0.4 cd/lm 1 White	20 64 20 64
LEDs/each optic Light colour	0.4 cd/lm 1 White	20 00 00 00 00 00 00 00 00 00 00
LEDs/each optic Light colour	0.4 cd/lm 1 White	
LEDs/each optic Light colour	0.4 cd/lm 1 White	20° CO 20° CO

PRODUCT DATASHEET

CA12891_STRADA-SQ-VSM



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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LEDiL Oy

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