

PRODUCT DATASHEET CA13758_STRADA-SQ-FS-NP

STRADA-SQ-FS-NP

Forward throw beam for area lighting. Assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	25.0 x 25.0 mm
Height	12.6 mm
Fastening	tape
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component STRADA-SQ-FS-NP ROSE-TAPE

Туре	
Single lens	
Таре	

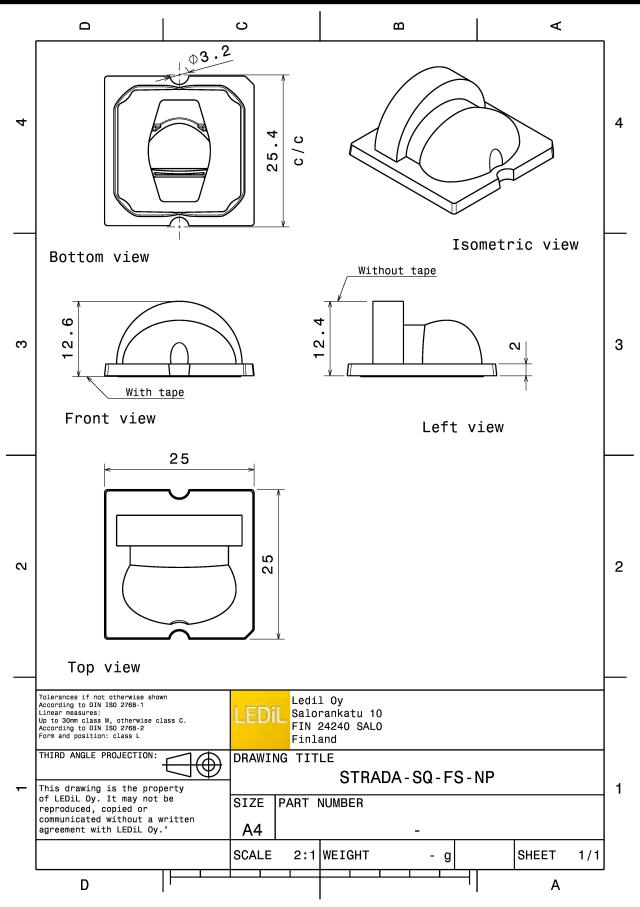
Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13758_STRADA-SQ-FS-NP	Single lens	1568	294	98	6.5
» Box size: 480 x 280 x 300 mm					



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



PHOTOMETRIC DATA (MEASURED):

			94 ⁴	
LED	MK-R			
FWHM / FWTM	Asymmetric		750	
Efficiency	93 %		400	\times \wedge $>$
Peak intensity	0.9 cd/lm		50° 600	504
LEDs/each optic	1			XX
Light colour	White		45*	TX at
Required componer			1000	TY
			1200	+V
			1430	A
			30° 15° 0°	15. 30.
	D		90*	94*
LED	XHP50			
FWHM / FWTM	Asymmetric		786 200	
Efficiency	94 %		400	
Peak intensity	0.9 cd/lm		60° 600	60*
LEDs/each optic	1		$X \times I$	$\setminus X X$
Light colour	White		45*	
Required componer	ents:		1000	+
			1200	J-
			1200	
			1430	30*
	_			18*
	D		15 ⁰ 0 ⁰	15*
	XHP70	 	 10° 0°	15*
				25"
LED	XHP70			15°
LED FWHM / FWTM Efficiency Peak intensity	XHP70 Asymmetric		25 ¹ e ¹	25 04 04 05
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XHP70 Asymmetric 80 % 0.6 cd/lm 1		25 ¹ e ¹	15°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White		23 ¹ et	15° 9° 98' 98' 98'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White		20 ¹ 20 ¹ 0 ¹	15° 9° 67 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White onts:			35°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White			35°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White onts:			137 137 137 137 137 137 137 137 137 137
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Protective	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White ents:			H
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen Protective	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White Ints: plate, glass			H
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen Protective	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White Ints: plate, glass			H
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Protective	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White ints: plate, glass XM-L Asymmetric			13 ⁴ 39 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Protective	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White Ints: Image: Second Secon			10° 20°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Protective	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White Ints: Iplate, glass XM-L Asymmetric 93 % 1.2 cd/lm			10° 20°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Protective	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White Ints: Iplate, glass XM-L Asymmetric 93 % 1.2 cd/lm 1			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Protective Protective	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White onts: plate, glass XM-L Asymmetric 93 % 1.2 cd/lm 1 White			13 ⁴ 39 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Protective	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White onts: plate, glass XM-L Asymmetric 93 % 1.2 cd/lm 1 White			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Protective CREE CLED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White onts: plate, glass XM-L Asymmetric 93 % 1.2 cd/lm 1 White			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Protective CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XHP70 Asymmetric 80 % 0.6 cd/lm 1 White onts: plate, glass XM-L Asymmetric 93 % 1.2 cd/lm 1 White			



PHOTOMETRIC DATA (MEASURED):

LED	– XP-L HD	
FWHM / FWTM	Asymmetric	75° 200 75°
Efficiency	93 %	40
Peak intensity	1.1 cd/lm	50° 500 50°
LEDs/each optic	1	$ X \times \times X $
Light colour	White	
Required compone		1000
		1200
		1400
		30° 15 ⁵ 0° 15° 30°
		90° - 90°
LED	XP-L2	
FWHM / FWTM	Asymmetric	770 2000 770
Efficiency	93 %	400
Peak intensity	1 cd/lm	.60°
LEDs/each optic	1	60
Light colour	White	45* 300 45*
Required compone	nts:	1000
		1200
		30° 3400 30°
		15° 0° 15°
		90* 99*
	XT-E	8°
		91' P'
LED	XT-E	91°
LED FWHM / FWTM	XT-E Asymmetric	0° 60 60
LED FWHM / FWTM Efficiency	XT-E Asymmetric 93 %	9°
LED FWHM / FWTM Efficiency Peak intensity	XT-E Asymmetric 93 % 1.2 cd/lm	8°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XT-E Asymmetric 93 % 1.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E Asymmetric 93 % 1.2 cd/lm 1 White	9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E Asymmetric 93 % 1.2 cd/lm 1 White	9° 129 129 129 129 129 129
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E Asymmetric 93 % 1.2 cd/lm 1 White	120
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E Asymmetric 93 % 1.2 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E Asymmetric 93 % 1.2 cd/lm 1 White nts:	120
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E Asymmetric 93 % 1.2 cd/lm 1 White nts:	220
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E Asymmetric 93 % 1.2 cd/lm 1 White nts:	84. 272, 04, 72, 24, 150 150 150
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E Asymmetric 93 % 1.2 cd/lm 1 White nts: EDS LUXEON M/MX Asymmetric 92 %	84. 27. 28. 29. 29. 20. 29. 29. 29. 29. 29. 29. 29. 29. 29. 29
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Weight Component Efficiency Peak intensity	XT-E Asymmetric 93 % 1.2 cd/lm 1 White nts:	1000 30° 10 ⁰ 30° 20° 30° 30° 30° 70° 70° 30° 70° 70°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Multiple Equired compone Efficiency Peak intensity LEDs/each optic	XT-E Asymmetric 93 % 1.2 cd/lm 1 White nts: EDS LUXEON M/MX Asymmetric 92 % 0.9 cd/lm 1	129 129 129 129 129 129 129 129 129 129
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Component Required component Efficiency Peak intensity LEDs/each optic Light colour	XT-E Asymmetric 93 % 1.2 cd/lm 1 White nts: EDS LUXEON M/MX Asymmetric 92 % 0.9 cd/lm 1 White	129 129 129 129 129 129 129 129 129 129
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Multiple Equired compone Efficiency Peak intensity LEDs/each optic	XT-E Asymmetric 93 % 1.2 cd/lm 1 White nts: EDS LUXEON M/MX Asymmetric 92 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Component Required component Efficiency Peak intensity LEDs/each optic Light colour	XT-E Asymmetric 93 % 1.2 cd/lm 1 White nts: EDS LUXEON M/MX Asymmetric 92 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Component Required component Efficiency Peak intensity LEDs/each optic Light colour	XT-E Asymmetric 93 % 1.2 cd/lm 1 White nts: EDS LUXEON M/MX Asymmetric 92 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E Asymmetric 93 % 1.2 cd/lm 1 White nts: EDS LUXEON M/MX Asymmetric 92 % 0.9 cd/lm 1 White	100 100 100 100 100 100 100 100



PHOTOMETRIC DATA (MEASURED):

UMIL	EDS	90* 90*
LED	LUXEON MZ	
FWHM / FWTM	Asymmetric	75°
Efficiency	93 %	400
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	010
Light colour	White	65° 65°.
Required componer	nts:	
		1600
		130° 30° 15° 30°
UMIL	EDS	50° 50°
LED	LUXEON XR-M linear 1x3, 1x4, 1x5	
FWHM / FWTM	Asymmetric	75° 200 75°
Efficiency	94 %	400
Peak intensity	1 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45° 1000 ST
Required componer	nts:	
		1200
		1430
		1600
		30° 15 ⁵ 0° 15° 30°
OSRAM Opto Semiconductors		90* 90*
LED	Duris S10	
FWHM / FWTM	Asymmetric	750 20 750
Efficiency	92 %	400
Peak intensity	0.9 cd/lm	60* 60*.
LEDs/each optic	1	
Light colour	White	45* 80 67*
Required componer	nts:	
		1230
		00° 1400 30° 30° 15°



PHOTOMETRIC DATA (SIMULATED):

	DS	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	LUXEON 5050 Round LES Asymmetric 97 % 1.1 cd/lm 1 White	
OSRAM Opto Semiconductors		89°
LED	OSCONIQ P 7070	
FWHM / FWTM	Asymmetric	724 702
Efficiency	90 %	
Peak intensity	1 cd/lm	6°*
LEDs/each optic	1	
Light colour	White	-5°
Required components	5:	50% 50% 50% 50% 60% 10% 50% 60% 10% 50% 60% 10% 50%



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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:

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