

STRADA-2X2-TF

Narrow forward throw beam optimized for European tunnels

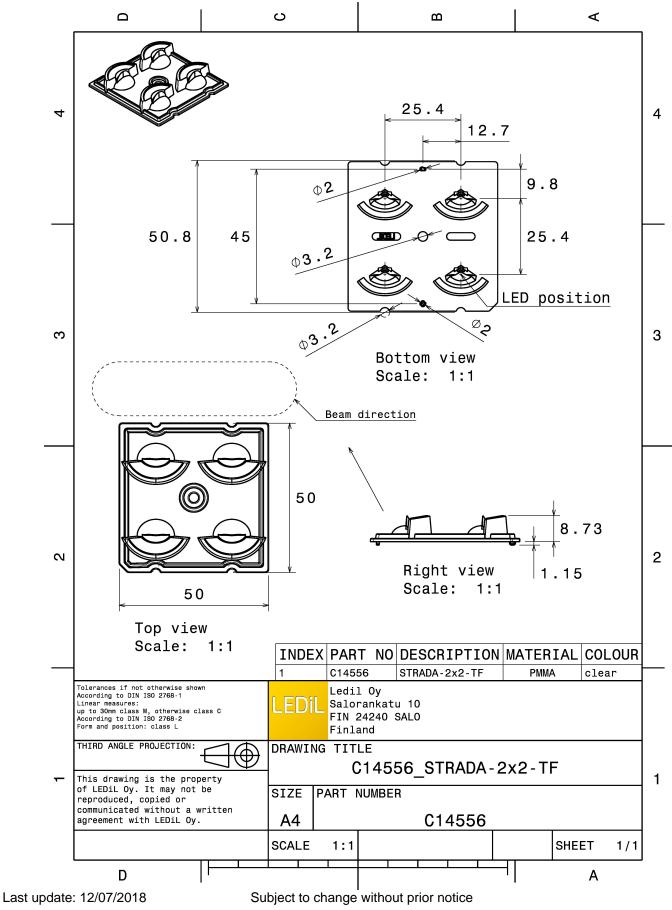
TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	8.7 mm
Fastening	screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.5 kg
Quantity in Box	800 pcs
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component STRADA-2X2-TF **Type** Lens array **Material** PMMA Colour clear PRODUCT DATASHEET C14556_STRADA-2X2-TF



LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.



LED FWHM Efficiency Peak intensity Required comp		2° 2° 2° 2° 2° 2° 2° 2° 2° 2° 2° 2° 2° 2
CONET		
	QUICK FLUX XTP 2x6 xxx LS G5	90° - 90°
FWHM	Asymmetric	73° 400 75°.
Efficiency	94 %	50 ⁺ 8/0
Peak intensity		
Required comp		100 (C)
		200
		152 00 158
CREE \$		122 0 ⁴ 12 ⁵
	XP-G2	90° 10 ² 0° 10°
CREE 🖨	XP-G2	23 ⁴ 6 ⁴ 23 ⁴ 90 90 ⁴ 90 90 ⁴ 90 ⁴ 90 ⁴
LED FWHM		23 ² 0 ⁴ 13 ²
LED	XP-G2 Asymmetric 94 %	20 ² 0 ² 10 ²
LED FWHM Efficiency	XP-G2 Asymmetric 94 % 2.100 cd/lm	
LED FWHM Efficiency Peak intensity	XP-G2 Asymmetric 94 % 2.100 cd/lm	
LED FWHM Efficiency Peak intensity Required comp	XP-G2 Asymmetric 94 % 2.100 cd/Im onents:	
LED FWHM Efficiency Peak intensity Required comp	XP-G2 Asymmetric 94 % 2.100 cd/Im onents:	
LED FWHM Efficiency Peak intensity Required comp	XP-G2 Asymmetric 94 % 2.100 cd/Im onents:	
LED FWHM Efficiency Peak intensity Required comp	XP-G2 Asymmetric 94 % 2.100 cd/lm onents: XP-G3	
LED FWHM Efficiency Peak intensity Required comp CREE LED FWHM Efficiency	XP-G2 Asymmetric 94 % 2.100 cd/lm onents: XP-G3 Asymmetric 94 %	
LED FWHM Efficiency Peak intensity Required comp CREE LED FWHM	XP-G2 Asymmetric 94 % 2.100 cd/lm onents: XP-G3 Asymmetric 94 % 1.700 cd/lm	

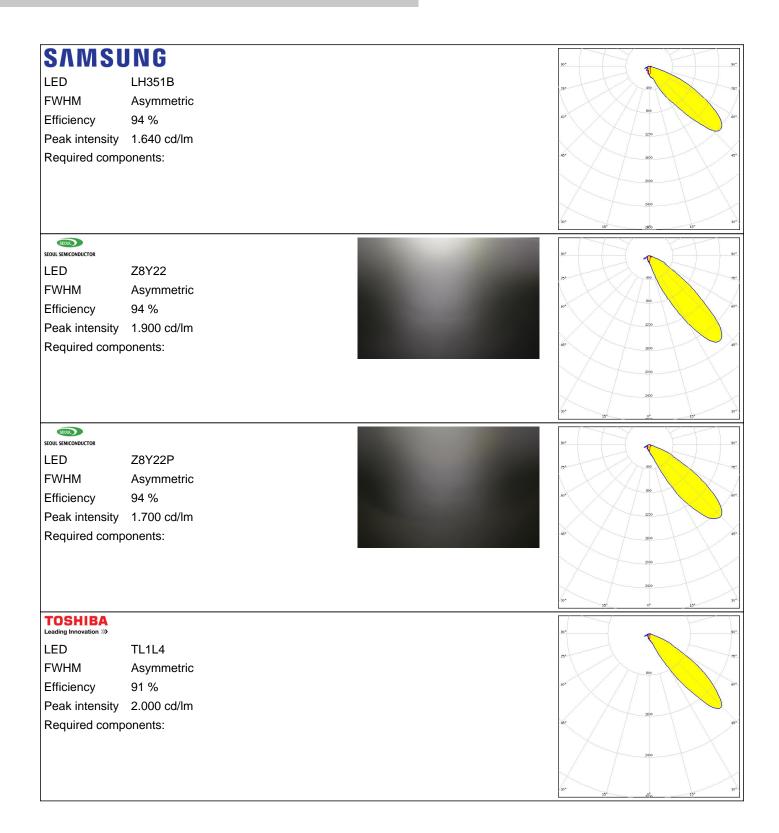


🕑 LG Innot	ek	THY KHT
LED		90*
FWHM	H35C1 (LEMWA33)	726 400 75
	Asymmetric 94 %	000 000 pt -
Efficiency		
Peak intensity Required comp		457 467
Required comp	onems.	200
		200
		2800
		30* 3250 15 ⁵ 0 ⁴ 15 ⁴ 30 ⁴
UMIL	EDS	90° 00°
LED	LUXEON T	
FWHM	Asymmetric	200
Efficiency	94 %	60 ⁴ 1220 60 ⁴
Peak intensity	1.950 cd/lm	1000
Required comp	onents:	451
		203
		30* 38*
<i><i></i></i>		15° 3230 15°
		THY KHI
		50°
LED	NVSW3x9A	92 ⁴ 90 ⁴ 97 ⁵
LED FWHM	NVSW3x9A Asymmetric	
LED FWHM Efficiency	NVSW3x9A Asymmetric 94 %	50°
LED FWHM Efficiency Peak intensity	NVSW3x9A Asymmetric 94 % 1.600 cd/lm	
LED FWHM Efficiency	NVSW3x9A Asymmetric 94 % 1.600 cd/lm	30° 0° 73° 00 0° 64° 129 65° 129
LED FWHM Efficiency Peak intensity	NVSW3x9A Asymmetric 94 % 1.600 cd/lm	30°
LED FWHM Efficiency Peak intensity	NVSW3x9A Asymmetric 94 % 1.600 cd/lm	
LED FWHM Efficiency Peak intensity	NVSW3x9A Asymmetric 94 % 1.600 cd/lm	90° 23° 409 129 409 129 409 409 409 409 409 409 409 40
LED FWHM Efficiency Peak intensity	NVSW3x9A Asymmetric 94 % 1.600 cd/lm onents:	
LED FWHM Efficiency Peak intensity Required comp	NVSW3x9A Asymmetric 94 % 1.600 cd/lm onents:	
LED FWHM Efficiency Peak intensity Required comp	NVSW3x9A Asymmetric 94 % 1.600 cd/lm onents:	
LED FWHM Efficiency Peak intensity Required comp	NVSW3x9A Asymmetric 94 % 1.600 cd/lm onents: NVSxE21A	
LED FWHM Efficiency Peak intensity Required comp	NVSW3x9A Asymmetric 94 % 1.600 cd/lm onents: NVSxE21A Asymmetric 94 %	
LED FWHM Efficiency Peak intensity Required comp Required comp LED FWHM Efficiency	NVSW3x9A Asymmetric 94 % 1.600 cd/lm onents: NVSxE21A Asymmetric 94 % 2.900 cd/lm	
LED FWHM Efficiency Peak intensity Required comp	NVSW3x9A Asymmetric 94 % 1.600 cd/lm onents: NVSxE21A Asymmetric 94 % 2.900 cd/lm	
LED FWHM Efficiency Peak intensity Required comp WICHIA LED FWHM Efficiency Peak intensity	NVSW3x9A Asymmetric 94 % 1.600 cd/lm onents: NVSxE21A Asymmetric 94 % 2.900 cd/lm	
LED FWHM Efficiency Peak intensity Required comp Required comp LED FWHM Efficiency Peak intensity	NVSW3x9A Asymmetric 94 % 1.600 cd/lm onents: NVSxE21A Asymmetric 94 % 2.900 cd/lm	



OSRAM		90* B
LED	PrevaLED Brick DC 2x8	70
FWHM	Asymmetric	
Efficiency	94 %	- 50 - 1720
Peak intensity	1.200 cd/lm	150
Required comp	onents:	45' 2000
		24,20
		20* 2220
OSRAM Opto Semiconductors		
		8*
LED	Oslon Square Gen3	750 400
FWHM	Asymmetric	
Efficiency	94 %	607 1220
Peak intensity		1690
Required comp	onents:	45* 2000
		2450
		280
		30° <u>3226</u> 13 ² 0° 15°
000414		
OSRAM Opto Semiconductors		90*
OSRAM Opto Semiconductors	Oslon Square PC	9°
	Oslon Square PC Asymmetric	30°
LED	Oslon Square PC Asymmetric 94 %	5°
LED FWHM Efficiency	Asymmetric 94 %	50°
LED FWHM	Asymmetric 94 % 2.200 cd/lm	9° 3° 50 50 50
LED FWHM Efficiency Peak intensity	Asymmetric 94 % 2.200 cd/lm	9° 5° 6° 50°
LED FWHM Efficiency Peak intensity	Asymmetric 94 % 2.200 cd/lm	90° 73° 60° 500 500 500 500 500
LED FWHM Efficiency Peak intensity	Asymmetric 94 % 2.200 cd/lm	9°
LED FWHM Efficiency Peak intensity Required comp	Asymmetric 94 % 2.200 cd/lm onents:	
LED FWHM Efficiency Peak intensity Required comp	Asymmetric 94 % 2.200 cd/lm onents:	
LED FWHM Efficiency Peak intensity Required comp	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4	
LED FWHM Efficiency Peak intensity Required comp PHILLED FWHM	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4 Asymmetric	
LED FWHM Efficiency Peak intensity Required comp LED FWHM Efficiency	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4 Asymmetric 94 %	
LED FWHM Efficiency Peak intensity Required comp LED FWHM Efficiency Peak intensity	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4 Asymmetric 94 % 2.100 cd/lm	
LED FWHM Efficiency Peak intensity Required comp LED FWHM Efficiency	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4 Asymmetric 94 % 2.100 cd/lm	
LED FWHM Efficiency Peak intensity Required comp LED FWHM Efficiency Peak intensity	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4 Asymmetric 94 % 2.100 cd/lm	
LED FWHM Efficiency Peak intensity Required comp LED FWHM Efficiency Peak intensity	Asymmetric 94 % 2.200 cd/lm onents: S Fortimo FastFlex LED board 2x8 DA G4 Asymmetric 94 % 2.100 cd/lm	







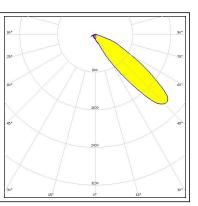
TRIDON	lic	90* 90
LED	RLE G1 49x121mm 2000lm xxx EXC OTD	
FWHM	Asymmetric	1000
Efficiency	94 %	60 ⁴ 60
Peak intensity	2.100 cd/lm	2200
Required comp	onents:	45*
		4000
		\times / \setminus \times
		30* 5430 30* 13 ⁵ 0 ⁴ 13* 30
TRIDON		
LED	RLE G1 49x133mm 2000lm xxx EXC OTD	
FWHM	Asymmetric	57
Efficiency	94 %	55%
Peak intensity		3200
Required comp		45"
		6990
		30* 600 30
TRIDON		12 ⁵ 0 ⁴ 15 ⁴
LED	RLE G1 49x223mm 4000lm xxx EXC OTD	95* 99
FWHM	Asymmetric	730
Efficiency	94 %	55%
Peak intensity		3200
Required comp		45"
		6300
		\times / \setminus \times
		30* 6430 30
TRIDON		
LED	RLE G1 49x245mm 4000lm xxx EXC OTD	90°
FWHM	Asymmetric	750
Efficiency	94 %	50 ⁴ 60
Peak intensity		1500
Required comp		
		2430
		24 ⁻ 225



PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LEDRLE G2 HP 2x8 4000lmFWHMAsymmetricEfficiency94 %Peak intensity2.200 cd/lmRequired components:





PHOTOMETRIC DATA (SIMULATED):

MICHIΛ		90* PK
LED	NWSx229A	
FWHM	Asymmetric	400
Efficiency	92 %	50*
Peak intensity	1.200 cd/lm	
Required compor		45* 1220 45
		X X
		1650
		30* 300 0* 11* 32
PHILIP	S	9°
LED	Fortimo FastFlex LED board 2x8 DAX G4	
FWHM	Asymmetric	73* 400 72
Efficiency	93 %	50 ⁴ 800 60
Peak intensity	1.360 cd/lm	1200
Required compor		45* d
		1000
		2000
		30* 2490 30 13 ⁴ 0 ⁴ 13 ⁴
SAMSU	NG	80°
LED	LH351D	
FWHM	Asymmetric	400
Efficiency	88 %	
Dool interativ	80 /6	
Peak intensity	1.150 cd/lm	
Peak intensity Required compor	1.150 cd/lm	00 07 1122
	1.150 cd/lm	6°
	1.150 cd/lm	6° 102 C
	1.150 cd/lm	6°
Required compor	1.150 cd/lm	
	1.150 cd/lm nents:	90 90 109 109 109 109 109 109 10
Required comport	1.150 cd/lm nents: Z5M1/Z5M2	
Required compor	1.150 cd/lm nents: Z5M1/Z5M2 Asymmetric	
Required comport secure semiconductor LED FWHM Efficiency	1.150 cd/lm nents: Z5M1/Z5M2 Asymmetric 94 %	20
Required comport scout semiconductor LED FWHM Efficiency Peak intensity	1.150 cd/lm nents: Z5M1/Z5M2 Asymmetric 94 % 1.810 cd/lm	
Required comport secure semiconductor LED FWHM Efficiency	1.150 cd/lm nents: Z5M1/Z5M2 Asymmetric 94 % 1.810 cd/lm	
Required comport scout semiconductor LED FWHM Efficiency Peak intensity	1.150 cd/lm nents: Z5M1/Z5M2 Asymmetric 94 % 1.810 cd/lm	
Required comport scout semiconductor LED FWHM Efficiency Peak intensity	1.150 cd/lm nents: Z5M1/Z5M2 Asymmetric 94 % 1.810 cd/lm	
Required compor scoul semiconductor LED FWHM Efficiency Peak intensity	1.150 cd/lm nents: Z5M1/Z5M2 Asymmetric 94 % 1.810 cd/lm	



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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