

PRODUCT DATASHEET CA13753_STRADA-SQ-FW

STRADA-SQ-FW

Beam with wide light distribution and good illuminance uniformity for residential street lighting and staggered pole setups. Assembly with installation tape. Version with location pins.

TECHNICAL SPECIFICATIONS:

Dimensions Height Fastening ROHS compliant 25.0 x 25.0 mm 15.2 mm tape, pin, screw yes 1



MATERIAL SPECIFICATIONS:

Component STRADA-SQ-FW ROSE-TAPE

Туре	
Single lens	
Таре	

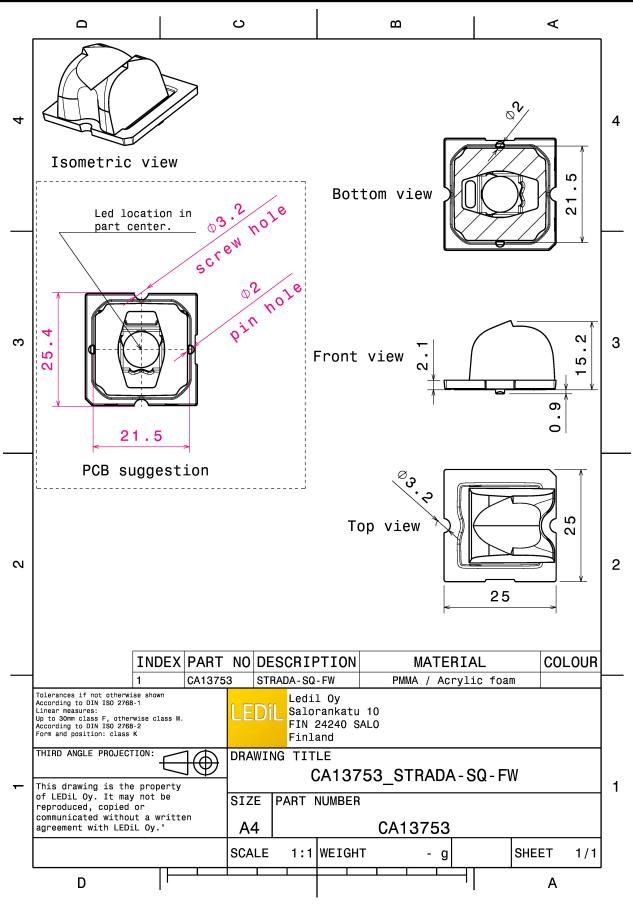
Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13753_STRADA-SQ-FW	Single lens	1568	294	98	7.4
» Box size: 480 x 280 x 300 mm					



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



PHOTOMETRIC DATA (MEASURED):

LED MK-R FWHM / FWTM Asymmetric Efficiency % LEDs/each optic 1 Light colour White Required components: 40	90°. 774. 674.
LED MK-R FWHM / FWTM Asymmetric Efficiency % LEDs/each optic 1 Light colour White	10. 10.
FWHM / FWTM Asymmetric Efficiency % LEDs/each optic 1 Light colour White	ir.
FWHM / FWTM Asymmetric Efficiency % LEDs/each optic 1 Light colour White	in.
Efficiency % LEDs/each optic 1 Light colour White	694
LEDs/each optic 1 Light colour White	64
Light colour White **	67*
	\times
40	\sim
	· · · /
***	X
	$ \leftarrow $
20 ⁴ 12 ³ 0 ⁴	15° 30°
	90*
LED XHP50	
FWHM / FWTM Asymmetric	780
Efficiency 92 %	
Peak intensity 0.7 cd/lm	60%
LEDs/each optic 1	\bigvee
Light colour White	45*
Required components:	\sim
	\sim
200	30*
	-18*
LUMILEDS	90*
LED LUXEON M/MX	
FWHM / FWTM Asymmetric	780
Efficiency 89 %	\sim
Peak intensity 0.6 cd/lm	$\langle \ \rangle$
LEDs/each optic 1	$\setminus X$
Light colour White	65*
Required components:	
	X
40	
30° et al.	30°
LUMILEDS	90*
LED LUXEON MZ	- de
FWHM / FWTM Asymmetric	X *
FWHM / FWTM Asymmetric Efficiency 90 %	
FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 0.7 cd/lm	604
FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 0.7 cd/lm LEDs/each optic 1	are and
FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White	67
FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 0.7 cd/lm LEDs/each optic 1	67-
FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White	er er
FWHM / FWTM Asymmetric Efficiency 90 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White	er.



PHOTOMETRIC DATA (MEASURED):

🥙 LUMIL	EDS	90*
LED	LUXEON XR-M linear 1x3, 1x4, 1x5	
FWHM / FWTM	Asymmetric	75 100
Efficiency	90 %	
Peak intensity	0.6 cd/lm	60°
LEDs/each optic	1	
Light colour	White	6
Required compone	ints:	
		30°
ØNICHI		5)* 50
LED	NVSW319B	
FWHM / FWTM	Asymmetric	251 200 75
Efficiency	92 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	40 65
Required compone	nts:	200 600 52° 700 13° 13° 30
OSRAM Opto Semiconductors		90°
LED	Duris S10	4
FWHM / FWTM	Asymmetric	75
Efficiency	89 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	$ X /T \setminus X$
Light colour	White	6. A
Required compone	nts:	



PHOTOMETRIC DATA (SIMULATED):

		NY FT
		90* 90*
LED	XHP50.2	75%
FWHM / FWTM	Asymmetric	100
Efficiency	91 %	50* 60*
Peak intensity	0.9 cd/lm	200
LEDs/each optic	1	
Light colour	White	45* 340 45*
Required components:		\times
		400
		\times / \times
		30" 500 30" 30"
		90* 90*
	XHP50.3 HD	75°
FWHM / FWTM	Asymmetric	100
Efficiency	93 %	604 604
Peak intensity	0.9 cd/lm	200
LEDs/each optic	1	
Light colour	White	45° 300 45°
Required components:		\times \times
		400
		\times
		30° 500 30° 30°
LED	XP-G2	
FWHM / FWTM	Asymmetric	75° 100 75°
Efficiency	73 %	
Peak intensity	1 cd/lm	60 ⁴ 200 60 ⁴ .
LEDs/each optic	1	
Light colour	White	
Required components:	Windo	400
rioquirou componente.		
Protective plate	, glass	50
Protective plate	, glass	00
Protective plate	, glass	20 ⁴ 20 ³ 0 ⁴ 10 ³ 30 ⁴
Protective plate	, glass	50° 500 50°
	, glass XP-G2	90° 30° 20° 20° 20° 20° 20° 20° 20° 20° 20° 2
	XP-G2	50 50 50 50 50 50 50 50 50 50 50 50 50 5
		30 30 50 50 50 50 50 50 50 50 50 5
LED FWHM / FWTM Efficiency	XP-G2 Asymmetric	No. No.
LED FWHM / FWTM Efficiency Peak intensity	XP-G2 Asymmetric 94 %	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G2 Asymmetric 94 % 1.5 cd/lm	904 30 30 30 30 30 30 30 30 30 30 30 30 30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 Asymmetric 94 % 1.5 cd/lm 1	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G2 Asymmetric 94 % 1.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 Asymmetric 94 % 1.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G2 Asymmetric 94 % 1.5 cd/lm 1	



PHOTOMETRIC DATA (SIMULATED):

		90° 90°
LED	XP-G3	9
FWHM / FWTM	Asymmetric	75° 70°
Efficiency	71 %	
Peak intensity	0.8 cd/lm	.60* 60*
LEDs/each optic	1	X/T X
Light colour	White	45' 300 45'
Required components:		
Protective plate	zech d	400
	, 9.00	
		30* <u>500</u> 30* 30*
		90° 20 90°
LED	XP-G3	
FWHM / FWTM	Asymmetric	730 755
Efficiency	92 %	
Peak intensity	1.2 cd/im	
LEDs/each optic	1	300
Light colour	White	45* 45*
Required components:		400
		\times
		200
		30° 660 30° 30° 30°
)S	90* 90*
LED	LUXEON 5050 Round LES	
FWHM / FWTM	Asymmetric	73° 500 75°
Efficiency	74 %	
Peak intensity	0.9 cd/lm	-50°
LEDs/each optic	1	\times
Light colour	White	45° 300 45°
Required components:		
Protective plate	e, glass	
		30* 15 ³ 500 15* 30*
)5	
		90* po*
LED	LUXEON 5050 Round LES	75
FWHM / FWTM	Asymmetric	
Efficiency	94 %	50 ⁴ 2m 50 ⁴
Peak intensity	1.1 cd/lm	X/TX
LEDs/each optic	1	
Light colour	White	45'
Required components:		
		\times / \top / \times
		30* 30*



PHOTOMETRIC DATA (SIMULATED):

CUMILEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	LUXEON M/MX Asymmetric 73 % 0.7 cd/lm 1 White	
Μ ΝΙCΗΙΛ		86. 100 100 100 100 100 100 100 100 100 10
LED FWHM / FWTM Efficiency Peak intensity	NVSxx19B/NVSxx19C Asymmetric 93 % 1.1 cd/lm	20 50 50
LEDs/each optic Light colour Required components:	1 White	
OSRAM		20° 20° 20° 20°
Opto Semiconductors		90* 90*
LED FWHM / FWTM	OSCONIQ P 7070 Asymmetric	73* 72*
Efficiency	91 %	500
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 65*
Required components:		30 60 30 30