

PRODUCT DATASHEET CA16470_STRADA-SQ-FS3-NP

STRADA-SQ-FS3-NP

Forward throw beam optimized for European tunnels, resulting in extremely efficient lighting with counter-beam method. Version without location pins. Assembly with installation tape.

SPECIFICATION:

Dimensions	25.0 x 25.0 mm
Height	16.3 mm
Fastening	tape
ROHS compliant	yes 🛈



MATERIALS:

Component	Туре	Material	Colour	Finish
STRADA-SQ-FS3-NP	Single lens	PMMA	clear	
ROSE-TAPE	Таре	Acrylic foam	black	

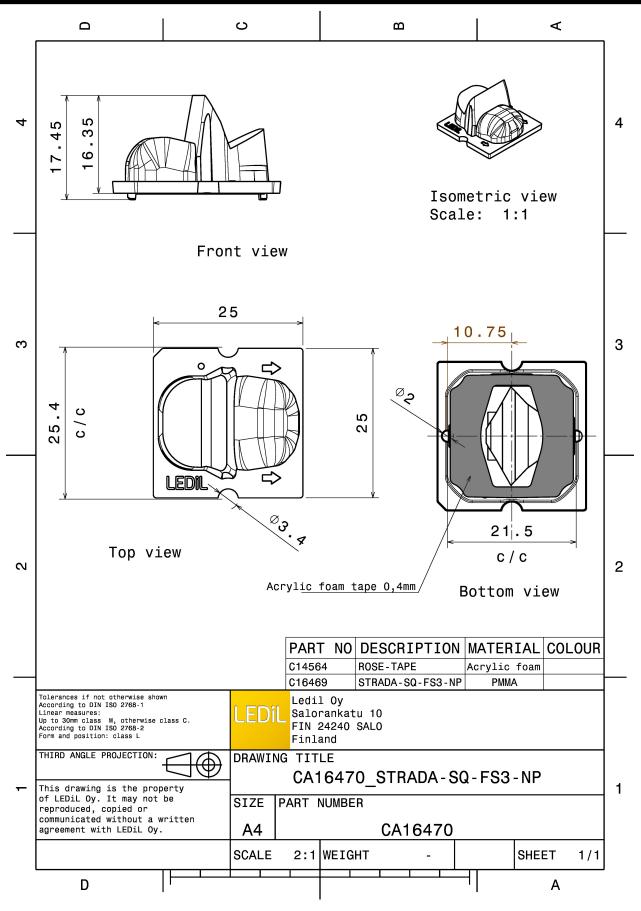
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)	
CA16470_STRADA-SQ-FS3-NP	Single lens	1470	294	98	7.7	
» Box size: 480 x 280 x 300 mm						



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



OPTICAL RESULTS (MEASURED):

		90* 90*
LED	MK-R	2 M
FWHM / FWTM	Asymmetric	75* 400 75
Efficiency	87 %	
Peak intensity	1.3 cd/lm	160° 500 500
LEDs/each optic	1	1220
Light colour	White	61 6
Required compone	nts:	1600
		2000
		2430
		^{30°} 15 ⁵ 0 [°] 15 [°]
🕙 LUMIL	EDS	90* 90*
LED	LUXEON M/MX	
FWHM / FWTM	Asymmetric	75* 400 75*
Efficiency	90 %	
Peak intensity	1.2 cd/lm	60* <u>800</u> 60*
LEDs/each optic	1	
Light colour	White	45* 1220
Required compone		
		\times
		2000
		30° 15 ⁵ 2000 15° 30°
COMIL	EDS	90° 90°
LED	LUXEON MZ	A A A A A A A A A A A A A A A A A A A
		74
FWHM / FWTM	Asymmetric	400
FWHM / FWTM Efficiency	Asymmetric 90 %	
Efficiency	90 %	60 60 60 60 C
Efficiency Peak intensity		60 ³ 60 ⁴ 60 ⁴
Efficiency Peak intensity LEDs/each optic	90 % 2.4 cd/lm	60 60 60 60 60 60 60 60 60 60 60 60 60 6
Efficiency Peak intensity LEDs/each optic Light colour	90 % 2.4 cd/lm 1 White	61 ⁴ 1200 61 ⁴
Efficiency Peak intensity LEDs/each optic Light colour	90 % 2.4 cd/lm 1 White	6 ¹⁵ 6 ¹⁰ 6 ¹⁷
Efficiency Peak intensity LEDs/each optic	90 % 2.4 cd/lm 1 White	6, 6,
Efficiency Peak intensity LEDs/each optic Light colour	90 % 2.4 cd/lm 1 White	(d)
Efficiency Peak intensity LEDs/each optic Light colour Required compone	90 % 2.4 cd/lm 1 White	6,
Efficiency Peak intensity LEDs/each optic Light colour Required compone	90 % 2.4 cd/lm 1 White	6,
Efficiency Peak intensity LEDs/each optic Light colour Required compone	90 % 2.4 cd/lm 1 White	6,
Efficiency Peak intensity LEDs/each optic Light colour Required compone	90 % 2.4 cd/lm 1 White ints:	6,
Efficiency Peak intensity LEDs/each optic Light colour Required compone	90 % 2.4 cd/lm 1 White Ints:	6,
Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM	90 % 2.4 cd/lm 1 White Ints: Duris S10 Asymmetric	6,
Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	90 % 2.4 cd/lm 1 White ints: Duris \$10 Asymmetric 86 %	6,
Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency	90 % 2.4 cd/lm 1 White ints: Duris S10 Asymmetric 86 % 1.1 cd/lm	6,
Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	90 % 2.4 cd/lm 1 White mts: Duris S10 Asymmetric 86 % 1.1 cd/lm 1 White	6,
Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	90 % 2.4 cd/lm 1 White mts: Duris S10 Asymmetric 86 % 1.1 cd/lm 1 White	6,
Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	90 % 2.4 cd/lm 1 White mts: Duris S10 Asymmetric 86 % 1.1 cd/lm 1 White	6, 6
Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	90 % 2.4 cd/lm 1 White mts: Duris S10 Asymmetric 86 % 1.1 cd/lm 1 White	6, 6,



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OPTICAL RESULTS (SIMULATED):

CREE ≑		
LEDS	XHP50.2	80°
FWHM / FWTM	Asymmetric	75% 400 75*
Efficiency	87 %	
Peak intensity	07 % 1.2 cd/lm	.50°
LEDs/each optic	1	
Light colour	White	-6°. 63,
Required components:		1600
		\times
		2000
		30*
LED	XHP50.2	
FWHM / FWTM	Asymmetric	
Efficiency	80 %	
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
CREE LED FWHM / FWTM	XHP70 Asymmetric	
Efficiency	77 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	u White	
Required components:	White	
Required components.		
LED	XM-L2	
FWHM / FWTM	Asymmetric	
Efficiency	88 %	
	oo % 2 cd/lm	
Peak intensity		
LEDs/each optic	1 White	
Light colour	White	
Required components:		



OPTICAL RESULTS (SIMULATED):

LED	XT-E	
FWHM / FWTM	Asymmetric	
Efficiency	87 %	
Peak intensity	2.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
	05	87
LED	LUXEON 7070	
FWHM / FWTM	Asymmetric	720 720 72
Efficiency	74 %	400
Peak intensity	0.9 cd/lm	60 600 604
LEDs/each optic	1	
Light colour	White	
Required components:		2000
rtoquirou componento.		1200
Protective plate	e, glass	100
		240
		30 ⁴ 15 ⁵ 0 ⁴ 15 ⁴ 30 ⁴
OSRAM Opto Semiconductors		
LED	OSCONIQ P 7070	
FWHM / FWTM	Asymmetric	
Efficiency	85 %	
Peak intensity	1.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
required components.		
0000414		
OSRAM Opto Semiconductors		
LED	OSCONIQ P 7070	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	1.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
1		



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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LEDiL Oy

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