

STRADA-SQ-SCL

Type II/III (Long) beam for very wide pole to pole distances. Ideal for pedestrian path and residential road lighting. (EN13201 P-classes)

TECHNICAL SPECIFICATIONS:

Dimensions 25.0 mm Height 9.1 mm Fastening tape, pin ROHS compliant yes 🛈

MATERIAL SPECIFICATIONS:

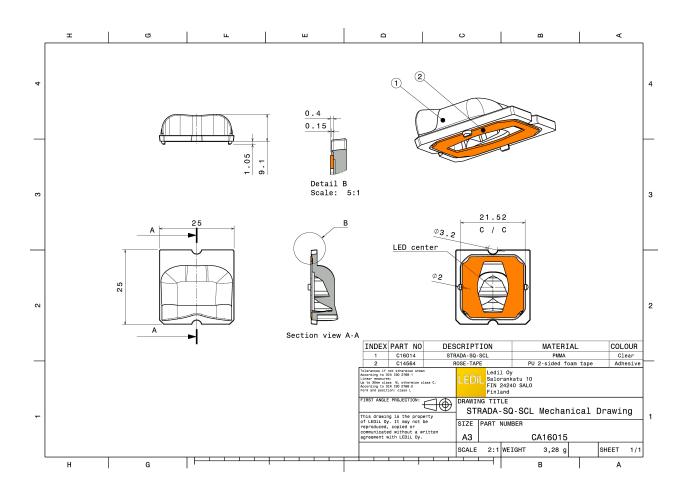
Component STRADA-SQ-SCL **ROSE-TAPE**



Туре	Material	Colour	Finish
Single lens	PMMA	clear	
Таре	PU tape	black	

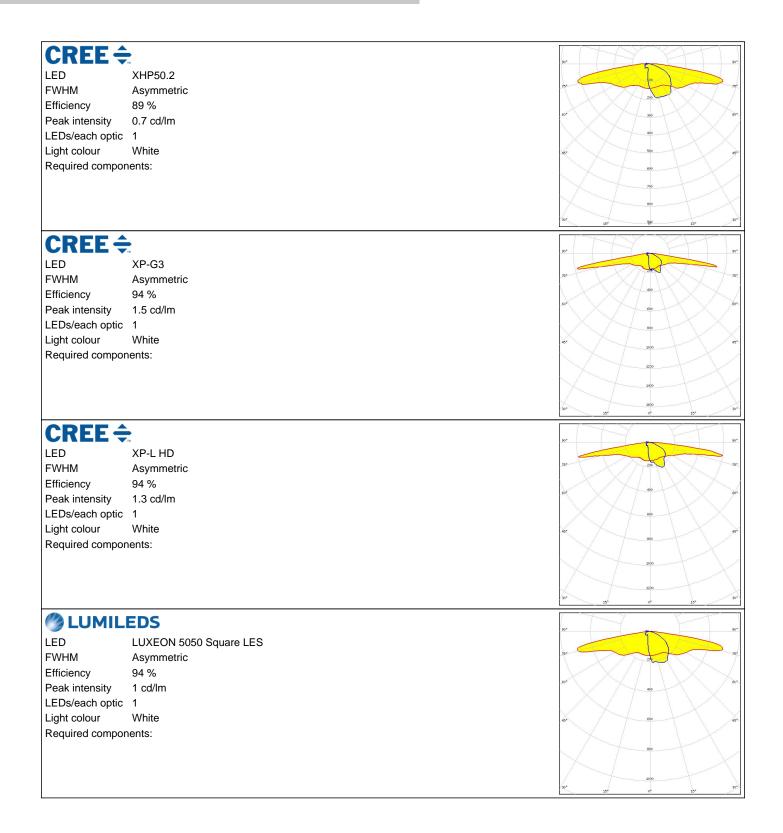
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA16015_STRADA-SQ-SCL	Single lens	2058	294	98	8.8
» Box size: 480 x 280 x 300 mm					





PHOTOMETRIC DATA (MEASURED):



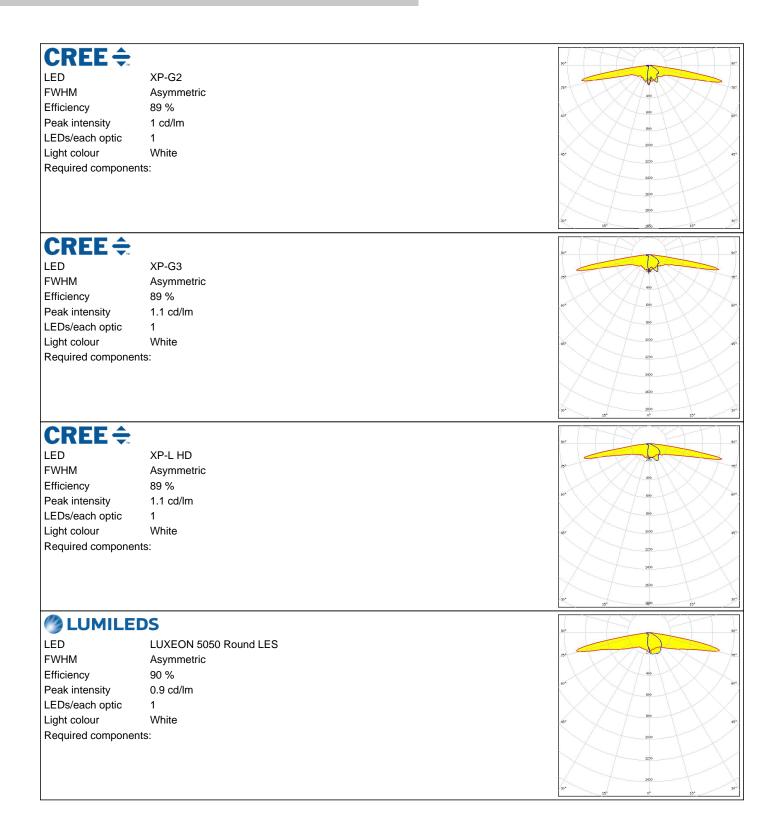


PHOTOMETRIC DATA (MEASURED):

	EDS	50* 50*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	27 - 10 - 77 67 - 69 - 67 - 69 - 67 - 129 - 67 - 129 - 67 - 129 - 67 - 129 - 67
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LH181B Asymmetric 92 % 1.8 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20



PHOTOMETRIC DATA (SIMULATED):



PRODUCT DATASHEET CA16015_STRADA-SQ-SCL



PHOTOMETRIC DATA (SIMULATED):

			1
LUMILEI		90*	9
LED	LUXEON 5050 Square LES		5
FWHM	Asymmetric		
Efficiency	89 %		H
Peak intensity	0.9 cd/lm		/ '
LEDs/each optic	1		
Light colour	White	45* 200	>
Required component	ts:		
		1200	
		30° 3000	
		12 ⁵ 0 ⁶ 12 ⁵	
UMILEI	DS	20*	9
LED	LUXEON M/MX		5/
FWHM	Asymmetric	750	1
Efficiency	90 %		
Peak intensity	0.7 cd/lm	.60* 400	6
LEDs/each optic	1		
Light colour	White	12*	
Required component		0,0	
		3000	
		30* 1200 15 ⁵ 0 ⁸ 15 ⁹	3
	DS		
LED	LUXEON M/MX	×	,
FWHM	Asymmetric	75°	>,
Efficiency	74 %		
Peak intensity	0.4 cd/lm	504	76
		200	
LEDs/each optic	1	30	\leq
LEDs/each optic Light colour	1 White	-67	
LEDs/each optic	1 White	5° 40 50	
LEDs/each optic Light colour Required componen	1 White ts:	57	
LEDs/each optic Light colour	1 White ts:	30 57 60 90 00	
LEDs/each optic Light colour Required componen	1 White ts:	20 20 20 40 50 50 50 50 50 50 50 50 50 5	3
LEDs/each optic Light colour Required componen Transparent prote	1 White ts: ective cover	200 50 50 50 50 00 00 20 50 50 50 50 50 50 50 50 50 50 50 50 50	
LEDs/each optic Light colour Required componen Transparent prote	1 White ts: ective cover	20 57 90 20 20 20 20 20 20 20 20 20 2	
LEDs/each optic Light colour Required componen Transparent prote	1 White ts: ective cover	20 40 40 90 90 90 90 10 10 10 10 10 10 10 10 10 1	
LEDs/each optic Light colour Required componen Transparent prote	1 White ts: ective cover DS LUXEON MZ Asymmetric		
LEDs/each optic Light colour Required componen Transparent prote O LUMILEI LED FWHM Efficiency	1 White ts: ective cover DS LUXEON MZ Asymmetric 90 %		
LEDs/each optic Light colour Required componen Transparent prote Comparison LUMILEI ED FWHM Efficiency Peak intensity	1 White ts: ective cover DS LUXEON MZ Asymmetric 90 % 1.1 cd/lm		
LEDs/each optic Light colour Required componen Transparent prote Contemposed Contemposed Contemposed LUMILEI FWHM Efficiency Peak intensity LEDs/each optic	1 White ts: ective cover DS LUXEON MZ Asymmetric 90 % 1.1 cd/lm 1		
LEDs/each optic Light colour Required componen Transparent prote UUMILEI LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	1 White ts: ective cover DS LUXEON MZ Asymmetric 90 % 1.1 cd/lm 1 White		
LEDs/each optic Light colour Required componen Transparent prote Comparison LUMILEI ED FWHM Efficiency Peak intensity	1 White ts: ective cover DS LUXEON MZ Asymmetric 90 % 1.1 cd/lm 1 White	535 <u>00</u> <u>800</u>	
LEDs/each optic Light colour Required componen Transparent prote UUMILEI LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	1 White ts: ective cover DS LUXEON MZ Asymmetric 90 % 1.1 cd/lm 1 White	6°	
LEDs/each optic Light colour Required componen Transparent prote UUMILEI LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	1 White ts: ective cover DS LUXEON MZ Asymmetric 90 % 1.1 cd/lm 1 White	6°	



PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors		90* 90*
LED	OSCONIQ P 7070	
FWHM	Asymmetric	13° 20
Efficiency	86 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	600
Light colour	White	45* 45*
Required componen	ts:	960 1890 29* 1270 23* 0 ⁴ 23* 3*
SAMSU	NG	90* 99*
LED	LH351B	
FWHM	Asymmetric	720
Efficiency	89 %	40
Peak intensity	0.9 cd/lm	60°
LEDs/each optic	1	60
Light colour	White	45° 800 65*
Required componen	ts:	1000 1270 34 ⁴ 25 ⁷ 100 100 100 100 100 100 100 100 100 100



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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