

STRADA-FW

Beam with wide light distribution and good illuminance uniformity for residential street lighting and staggered pole setups. Optimized for CREE XP-G and XP-E LEDs.

TECHNICAL SPECIFICATIONS:

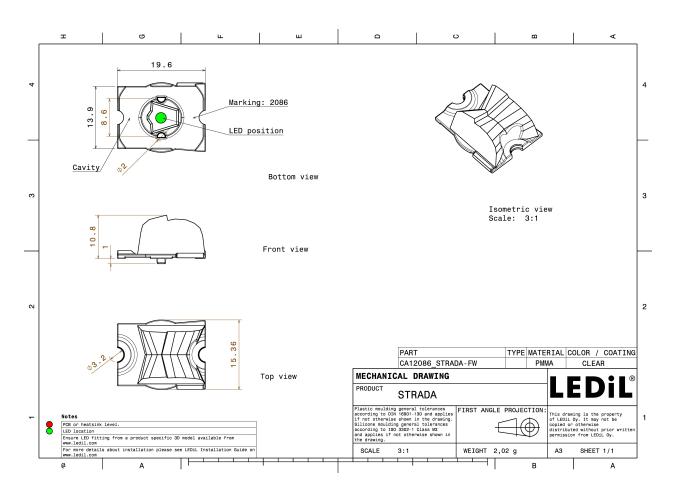
Dimensions	19.6 x 15.5 mm
Height	10.7 mm
Fastening	glue, pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	5.4 kg
Quantity in Box	2880 pcs
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component STRADA-FW **Type** Single lens **Material** PMMA Colour clear







PHOTOMETRIC DATA (MEASURED):

FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	XP-E Asymmetric 92 % cd/lm 1 White ents:	
FWHM Efficiency Peak intensity LEDs/each optic	XP-G Asymmetric 92 % cd/lm 1 White	
FWHM Efficiency Peak intensity LEDs/each optic	XP-G2 Asymmetric 93 % 0.900 cd/lm 1 White	
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	XT-E Asymmetric % cd/lm 1 White	20 20 20 20 20 20 20 20 20 20



PHOTOMETRIC DATA (MEASURED):

🖉 LUMIL	EDS		
LED	LUXEON Rebel		
FWHM	Asymmetric		
Efficiency	92 %		
Peak intensity	cd/lm		
LEDs/each optic			
Light colour	White		
Required compor			
Required compor	ens.		
		90° 90°	
LED	LUXEON Rebel ES		
FWHM	Asymmetric	2% 2%	
Efficiency	92 %		
Peak intensity	cd/lm	60° 50°	
LEDs/each optic	1	150	
Light colour	White	65° 65°	
Required compor	ents:	210	
		\times	
		20	
		30* <u>300</u> 15 ⁵ 0 ⁶ 15* 30*	
	EDS	THAY KATT	
		90* 90*	
LED	LUXEON T	738 70 775	
FWHM	Asymmetric	10	
Efficiency	94 %	50*	
Peak intensity	cd/Im		
LEDs/each optic		200	
Light colour	White	\$5° 220 \$5°	
Required compor	ents:	300	
		30	
		20* 400 20*	
		13 ⁵ 0 ⁶ 15 ⁵	
CONTRACTOR			
LED	LUXEON TX		
FWHM	Asymmetric	73° 0 73°.	
Efficiency	94 %		
Peak intensity	0.840 cd/lm	60 ⁴ 60 ⁴	
LEDs/each optic		100	
Light colour	White	X X	
Required compor		é é	
Required compor	ents.	220 2	
		30	
		30° 330	
1		10 [°] 0 [°] 15 [°]	

PRODUCT DATASHEET

C12086_STRADA-FW



PHOTOMETRIC DATA (MEASURED):

Ø ΝΙCΗΙΛ		
LED	NCSxx19A	
FWHM	Asymmetric	
Efficiency	92 %	
Peak intensity	cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compor	ents:	
ØΝΙCΗΙΛ		
LED	NVSxx19A	
FWHM	Asymmetric	
Efficiency	92 %	
Peak intensity	cd/Im	
LEDs/each optic		
Light colour	White	
Required compor		
OSRAM		
Opto Semiconductors		90° 90°
LED	Oslon SSL 150	
FWHM	Asymmetric	
Efficiency	94 %	
Peak intensity	1.200 cd/lm	
LEDs/each optic		200
Light colour	White	45° 250 45°
Required compor	ents:	
		30° 10° 10° 30°
OSRAM Opto Semiconductors		21. <u>21.</u> 21.
LED	Oslon SSL 80	
FWHM	Asymmetric	
Efficiency	92 %	100
Peak intensity	cd/lm	50 ⁴ 60*
LEDs/each optic		
Light colour	White	.45° 200 45°
Required compor		20
		X
		X X
		(30° 15° 0° 15° 30°

PRODUCT DATASHEET

C12086_STRADA-FW



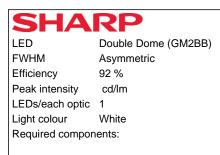
PHOTOMETRIC DATA (MEASURED):

PHILIP	S	2°
LED	Fortimo FastFlex 2x8 DS G3	²⁷
FWHM	Asymmetric	72.
Efficiency	93 %	
Peak intensity	0.970 cd/lm	.63*
		150
LEDs/each optic		$\times \times / \wedge \times \rangle$
Light colour	White	45* 200
Required compor	ients:	250
		30
		30° 10 ² 300 11° 3
SAMSU	IN G	90* 9
LED	LH351B	
FWHM	Asymmetric	789
Efficiency	94 %	
Peak intensity	0.830 cd/lm	50 ⁴
LEDs/each optic	1	
Light colour	White	210
Required compor	nents:	20

		20° 12° 0° 12° 30
SAMSU	ING	THAN KHT
		90*
LED	LH351Z	70
FWHM	Asymmetric	
Efficiency	94 %	60° (200
Peak intensity	1.000 cd/lm	150
LEDs/each optic		
Light colour	White	42* 200 4
Required compor	nents:	20
		30' 30 30
SEOUL		
SEOUL SEMICONDUCTOR		
LED	Z5	
FWHM	Asymmetric	
Efficiency	92 %	
Peak intensity	cd/lm	
LEDs/each optic		
Light colour	White	
Required compor	nents:	



PHOTOMETRIC DATA (MEASURED):



PRODUCT DATASHEET

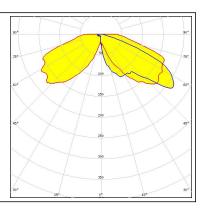
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PHOTOMETRIC DATA (SIMULATED):

ΜΝΙCΗΙΛ

LED NVSxx19B/NVSxx19C FWHM Asymmetric Efficiency 89 % Peak intensity 0.856 cd/lm LEDs/each optic 1 Light colour White Required components:





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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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