

PRODUCT DATASHEET CA15226_STRADA-SQ-FS3

STRADA-SQ-FS3

Forward throw beam optimized for European tunnels, resulting in extremely efficient lighting with counter-beam method. Version with location pins. Assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	25.0 x 25.0 mm
Height	16.2 mm
Fastening	tape
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

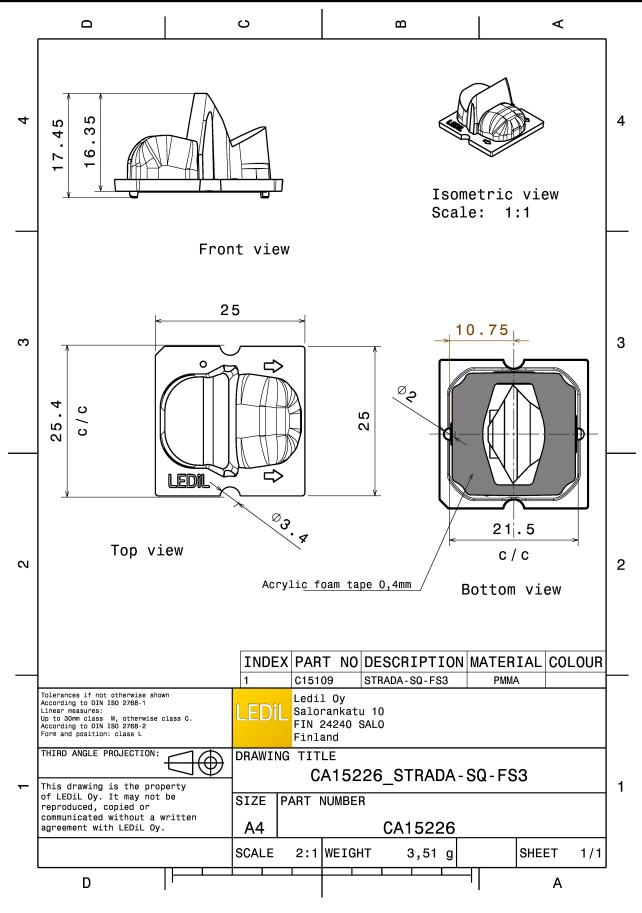
Component	Туре	Material	Colour	Finish
STRADA-SQ-FS3	Single lens	PMMA	clear	
ROSE-TAPE	Таре	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA15226_STRADA-SQ-FS3	Single lens	1470	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	90° 90°
EED FWHM / FWTM		75* 400 75*
	125.0° / 157.0° 88 %	
Efficiency		60° 80°
Peak intensity	1.3 cd/lm	
LEDs/each optic	1 White	1220
Light colour Required compone		45° 45°
Required compone		
		2000
		2000
		30° 15 ³ 0° 15° 30°
UMIL	EDS	90* 90*
LED	LUXEON M/MX	
FWHM / FWTM	Asymmetric	75° 400 77°
Efficiency	90 %	
Peak intensity	1.2 cd/lm	. 50 ⁴ 800 60 ⁴
LEDs/each optic	1	1200
Light colour	White	-6° - 6°
Required compone	ints:	1550
		30* 2490 34*
		15 ⁵ 0 ⁶ 15 ⁴
UMIL	EDS	90° 90°
	LUXEON MZ	99° RU 99'
LED		99° 99°
LED FWHM / FWTM Efficiency	LUXEON MZ	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON MZ Asymmetric	60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1	99* 50* 77* 600 77* 80* 600 60*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White	99* 99* 73* 60 60* 80% 60* 67* 120 6*
LED FWHM / FWTM Efficiency Peak intensity	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White	99° 500 60° 60° 60° 60° 60° 60° 60° 60° 60° 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White ents: NV4x144A Asymmetric 78 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White ents: NV4x144A Asymmetric 78 % 1.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White ents: NV4x144A Asymmetric 78 % 1.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White ents: NV4x144A Asymmetric 78 % 1.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White ents: NV4x144A Asymmetric 78 % 1.2 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White ents: NV4x144A Asymmetric 78 % 1.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON MZ Asymmetric 91 % 2.4 cd/lm 1 White ents: NV4x144A Asymmetric 78 % 1.2 cd/lm 1 White ents:	



PHOTOMETRIC DATA (MEASURED):

ΜΝΙCΗΙΛ		50° 50°
LED	NV4x144A	52
FWHM / FWTM	Asymmetric	75* 400 75*
Efficiency	91 %	
Peak intensity	1.3 cd/lm	60° 60°
LEDs/each optic	1	$\times//\top$
Light colour	White	6 th 1220 6 th
Required componer		
		30° 15° 30°
Ø NICHIΛ	i i i i i i i i i i i i i i i i i i i	90°
LED	NVSW319B	
FWHM / FWTM	Asymmetric	75* 400 75*
Efficiency	90 %	
Peak intensity	2.4 cd/lm	.80° 60°.
LEDs/each optic	1	
Light colour	White	47° 1220 45°
Required componer		
		1600
		\times / \times
		2000
		30° 15° 0° 15°
000411		
OSRAM Opto Semiconductors		90° 90°
Opto Semiconductors	Duris S10	59* 50*
Opto Semiconductors	Duris S10 Asymmetric	99° 90° 90° 90° 90° 90° 90° 90° 90° 90°
^{Opto Semiconductors} LED FWHM / FWTM	Duris S10 Asymmetric 86 %	99° 99°
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 86 %	99°
^{opto Semiconductors} LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	99° - 99° 73° - 600 - 90° 80° - 900 - 60°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 86 % 1.1 cd/m	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 1.1 cd/lm 1 White	0; 123 00 00 00 00 00 00 00 00 00 0
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 86 % 1.1 cd/lm 1 White	45° 1230 62°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 1.1 cd/lm 1 White	99* 73 69* 69* 69* 11:29 60* 60* 60* 60* 60* 60* 60* 60* 60* 60*
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 1.1 cd/lm 1 White	5° 100 100 100 100 100 100
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Asymmetric 86 % 1.1 cd/lm 1 White	20° - 20° -
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 86 % 1.1 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	Asymmetric 86 % 1.1 cd/lm 1 White tts:	100
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer OSRAM Opto Semiconductors LED	Asymmetric 86 % 1.1 cd/lm 1 White hts: OSLON Square PC	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer OSRAM Opto Semiconductors LED FWHM / FWTM	Asymmetric 86 % 1.1 cd/lm 1 White hts: OSLON Square PC Asymmetric	100 100 100 100 100 100 100 100 100 100
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 86 % 1.1 cd/lm 1 White Ints: OSLON Square PC Asymmetric 91 %	50° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 86 % 1.1 cd/lm 1 White hts: OSLON Square PC Asymmetric 91 % 3.1 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 86 % 1.1 cd/lm 1 White hts: OSLON Square PC Asymmetric 91 % 3.1 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 1.1 cd/lm 1 White tts: OSLON Square PC Asymmetric 91 % 3.1 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 86 % 1.1 cd/lm 1 White tts: OSLON Square PC Asymmetric 91 % 3.1 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 1.1 cd/lm 1 White tts: OSLON Square PC Asymmetric 91 % 3.1 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 86 % 1.1 cd/lm 1 White tts: OSLON Square PC Asymmetric 91 % 3.1 cd/lm 1 White	



		90 ⁺
LED	XHP50.2	
FWHM / FWTM	Asymmetric	75° 400 75°
Efficiency	90 %	
Peak intensity	1.2 cd/lm	.60 ⁴ 900 60 ⁴ .
LEDs/each optic	1	
Light colour	White	1200
Required components:	White	45* 43*
Required components.		1630
		2000
		30* 15 ⁵ 0 ⁶ 15 ⁸ 30 ⁴
		90* 92*
LED	XHP50.2	
FWHM / FWTM	Asymmetric	75°
Efficiency	80 %	
Peak intensity	1.1 cd/lm	60*
LEDs/each optic	1	80
Light colour	White	45°
Required components:		1200
		\times
Protective plate	e, glass	1690
		30 ⁴ 15 ⁵ 30 ⁴
		90° 90°
	XHP70	91° 95°
LED	XHP70 Asymmetric	90° 90° 90° 77.
LED FWHM / FWTM	XHP70 Asymmetric 77 %	20 00 00 00 00 00 00 00 00 00 00 00 00 0
LED FWHM / FWTM Efficiency	Asymmetric 77 %	75°
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	75°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 77 % 0.9 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 77 % 0.9 cd/lm 1	23 ⁴ 60 ⁴ 60 ⁶ 60 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 77 % 0.9 cd/lm 1 White	23 ⁴ 60 67 67 1000 67 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.9 cd/lm 1 White	22 ⁴ 60 ⁴ 60 ² 60 ³ 60 ⁴ 60 ⁴ 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 77 % 0.9 cd/lm 1 White	22 ⁴ 60 60 67 1000 67 1000 67 1000 67 1000 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 77 % 0.9 cd/lm 1 White	22 ⁴ 60 ⁴ 60 ² 60 ³ 60 ⁴ 60 ⁴ 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 77 % 0.9 cd/lm 1 White	22 ⁴ 60 ⁴ 60 ² 60 ³ 60 ⁴ 60 ⁴ 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 77 % 0.9 cd/lm 1 White	5° 60 60 60 60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 77 % 0.9 cd/lm 1 White P, glass XM-L2	22 ⁴ 60 ⁴ 60 ² 60 ³ 60 ⁴ 60 ⁴ 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 77 % 0.9 cd/lm 1 White e, glass XM-L2 Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate	Asymmetric 77 % 0.9 cd/m 1 White P, glass XM-L2 Asymmetric 88 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 77 % 0.9 cd/lm 1 White p, glass XM-L2 Asymmetric 88 % 2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 77 % 0.9 cd/lm 1 White p. glass XM-L2 Asymmetric 88 % 2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 77 % 0.9 cd/lm 1 White p. glass XM-L2 Asymmetric 88 % 2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 77 % 0.9 cd/lm 1 White p. glass XM-L2 Asymmetric 88 % 2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plate Protective plate LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 77 % 0.9 cd/lm 1 White p. glass XM-L2 Asymmetric 88 % 2 cd/lm 1	



Required components: Equired components: EXAMPLE DS LED LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/m			
LED XP-G3 FWHM / FWTM Asymmetric Eliciency 90% Peak intensity 1.7 cd/m LED XP-G3 FWHM / FWTM Asymmetric Elicency 86% Peak intensity 1.8 cd/m LED XP-G3 FWHM / FWTM Asymmetric Elicency 86% Peak intensity 1.8 cd/m LED KT-E FWHM / FWTM Asymmetric Elicency 86% Peak intensity 2.5 cd/m ED XT-E FWHM / FWTM Asymmetric Elicency 86% Peak intensity 2.5 cd/m ED XT-E FWHM / FWTM Asymmetric Elicency 86% Peak intensity 2.5 cd/m ED XT-E FWHM / FWTM Asymmetric ED XT-E FWHM / FWTM Asymmetric ED XT-E FWHM / FWTM Asymmetric Elicency 86% Peak intensity 2.5 cd/m ED KT-E FWHM / FWTM Asymmetric ED KT-E FWTM ASYMMETA ED KT-E FWTM ASYMMETA E			907 907
FWHM (PVTM Asymmetric Efficiency 90 % Peak intensity 1.7 cd/m LED& components: Image: Components CREE LED LED XP-G3 Eliciency 86 % Peak intensity 1.8 cd/m LED XP-G3 LED XP-G3 Eliciency 86 % Peak intensity 1.8 cd/m LEDVeach optic 1 LED XT-E FVHM / FVTM Asymmetric Efficiency 87 % Peak intensity 2.5 cd/m LEDVeach optic 1 LIpht colour White Required components:		XP-G3	
Efficiency 90% Peak intensity 1.7 dd/n LEDveech option Required components:			75° 400 75°
Peak intensity 1.7 collm LEDseach optic 1 LEDsecach optic 1 LEDsecach optic 2 CREECIED LED XP-G3 FWHM / FWTM Asymmetric Efficiency 8% Peak intensity 1.8 collm LEDsecach optic 1 LGD XP-G3 FWHM / FWTM Asymmetric Efficiency 87% Peak intensity 2.5 collm LEDsecach optic 1 Light colour Red Required components: CREECIED LED XT-E FWHM / FWTM Asymmetric Efficiency 87% Peak intensity 2.5 collm LEDsecach optic 1 Light colour White Required components: CREECIED LED XT-E FWHM / FWTM Asymmetric Efficiency 87% Peak intensity 2.5 collm LEDsecach optic 1 Light colour White Required components: FWHM / FWTM Asymmetric Efficiency 86% Peak intensity 1.5 collm			200
LEDeVeach optic 1 Light colour White Required components:			60° 60°
Light colour White Required components: White Required components: Required components: Req			1200
Required components: LED XP-G3 FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.8 cd/m LED kather of the test of the test of test			
CREECIED LED XP-G3 FWHM / FVTM Asymmetric Efficiency 88 % Peak intensity 1.8 cd/m LED/seach optic 1 Light colour Red Required components:		Wille	
CREE>LED XP-G3 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 1.8 cd/m LEDs/ach opic 1 Light colour Red Required components: Image: Component in the image: Compone	Required components.		
CREESLED LED XP-G3 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 1.8 cd/lm LEDs/seach optic 1 Light colour Red Required components: Image: Component of the search optic CEEESLED XT-E EVMM / FWTM Asymmetric Efficiency 87 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component of the search optic CENTRES Standard optic LED LVXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/lm LED LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/lm			2400
CREESLED LED XP-G3 FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 1.8 cd/lm LEDs/seach optic 1 Light colour Red Required components: Image: Component of the search optic CEEESLED XT-E EVMM / FWTM Asymmetric Efficiency 87 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component of the search optic CENTRES Standard optic LED LVXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/lm LED LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/lm			200
LED XP-G3 FWHM Asymmetric Efficiency 86% Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour Red Required components: EEC XT-E FWHM /FWTM Asymmetric Efficiency 87% Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components: EVENUELEDS LED LUXEON 5050 Round LES FWHM /FWTM Asymmetric Efficiency 88% Peak intensity 1.5 cd/lm			30° 15° 30°
LED XP-G3 FWHM Asymmetric Efficiency 86% Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour Red Required components: EEC XT-E FWHM /FWTM Asymmetric Efficiency 87% Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components: EVENUELEDS LED LUXEON 5050 Round LES FWHM /FWTM Asymmetric Efficiency 88% Peak intensity 1.5 cd/lm			90 ⁺ 90 ⁺
FWHM / FWTM Asymmetric Efficiency 86 % Peak intensity 1.8 cd/m LEDs/each optic 1 Light colour Red Required components:		XP-G3	
Efficiency 86 % Peak intensity 1.8 col/m LEDs/each optic 1 Light colour White Required components: LED XT-E FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 2.5 col/m LEDs/each optic 1 Light colour White Required components: LED LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 col/m			75° 400 75°
Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour Red Required components:			20
LEDs/each optic 1 Light colour Red Required components: CREECIED LED XT-E FWHM / FWTM Asymmetric Efficiency 87% Peak intensity 2.5 cd/m LEDs/each optic 1 Light colour White Required components: CENERSING State S			60* 60*
Light colour Red Required components:			
Required components: Image: Crece State Stat			
CREE LED XT-E FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 2.5 cd/lm LEDscach optic 1 Light colour White Required components:			
LEDXT-EFWHM / FWTMAsymmetricEfficiency87 %Peak intensity2.5 cd/lmLEDs/each optic1Light colourWhiteRequired components:VhiteCUMILEEDSLEDLUXEON 5050 Round LESFWHM / FWTMAsymmetricEfficiency88 %Peak intensity1.5 cd/lm			
LEDXT-EFWHM / FWTMAsymmetricEfficiency87 %Peak intensity2.5 cd/lmLEDs/each optic1Light colourWhiteRequired components:VhiteCUMILEEDSLEDLUXEON 5050 Round LESFWHM / FWTMAsymmetricEfficiency88 %Peak intensity1.5 cd/lm			2400
LEDXT-EFWHM / FWTMAsymmetricEfficiency87 %Peak intensity2.5 cd/lmLEDs/each optic1Light colourWhiteRequired components:VhiteCUMILEEDSLEDLUXEON 5050 Round LESFWHM / FWTMAsymmetricEfficiency88 %Peak intensity1.5 cd/lm			200
LEDXT-EFWHM / FWTMAsymmetricEfficiency87 %Peak intensity2.5 cd/lmLEDs/each optic1Light colourWhiteRequired components:VhiteCUMILEEDSLEDLUXEON 5050 Round LESFWHM / FWTMAsymmetricEfficiency88 %Peak intensity1.5 cd/lm			30* 15 ² 0 ⁴ 30 ⁴
LEDXT-EFWHM / FWTMAsymmetricEfficiency87 %Peak intensity2.5 cd/lmLEDs/each optic1Light colourWhiteRequired components:VhiteCUMILEEDSLEDLUXEON 5050 Round LESFWHM / FWTMAsymmetricEfficiency88 %Peak intensity1.5 cd/lm			THAY YEAT II
FWHM / FWTM Asymmetric Efficiency 87 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components: Vite VENULEEDS LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/lm		YT F	90* 90*
Efficiency 87 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components:			75° 400 75°
Peak intensity 2.5 cd/m LEDs/each optic 1 Light colour White Required components: Image: Component State St			200
LEDs/each optic 1 Light colour White Required components:			60* 60*
Light colour White Required components: Second Light colour Image: Co			1200
Required components: Equired components: EQUINITEEDS FMHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/m			
ED LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/lm		vvnite	
ED LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/lm	Required components:		
IED LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/lm			2430
IED LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/lm			200
LED LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/lm			30* <u>15</u> * <u>30</u> * 30*
LED LUXEON 5050 Round LES FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/lm		S	HY FFI
FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 1.5 cd/lm			90° 90°
Efficiency 88 % Peak intensity 1.5 cd/lm			730 400 75%
Peak intensity 1.5 cd/lm			
			55* 80*
EDc/coch optic 1	LEDs/each optic	1.5 cd/im 1	
	LEDS/each optic		
		wine	45* 1600 45*
Required components:	Required components:		
			2000
200			200
			200



MUMILED	S S	90* 90*
LED	LUXEON 5050 Square LES	
FWHM / FWTM	Asymmetric	77 400 77 0
Efficiency	86 %	
Peak intensity	1.5 cd/lm	604 604
LEDs/each optic	1	120
Light colour	White	45* 1000 35*
Required components:		
		2000
		2400
		30* 15* 38 <u>0</u> 15* 30*
UMILED	DS	90* 90*
LED	LUXEON M/MX	
FWHM / FWTM	Asymmetric	75°
Efficiency	76 %	
Peak intensity	1 cd/lm	80 ⁴ 80 ⁴
LEDs/each optic	1	× / → → ×
Light colour	White	451 d51
Required components:		1230
		X X
Protective plate	e, glass	1650
		30. 30.
Μ ΝΙCΗΙΛ		
	NVSxE21A	
LED	NVSxE21A Asymmetric	
LED FWHM / FWTM	Asymmetric	
LED FWHM / FWTM Efficiency	Asymmetric 89 %	730 770
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 2.1 cd/lm	290 200 200 200 200 604
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 89 % 2.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 2.1 cd/lm 1	22 00 00 00 00 00 00 00 00 00 00 00 00 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 2.1 cd/lm 1	22 00 00 00 00 00 00 00 00 00 00 00 00 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 2.1 cd/lm 1	22 00 00 00 00 00 00 00 00 00 00 00 00 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 2.1 cd/lm 1	22* 200 6* 2125 6* 260 250 250 250 250 250 250 250 250
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 2.1 cd/lm 1	22 00 00 00 00 00 00 00 00 00 00 00 00 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 2.1 cd/lm 1	22 00 00 00 00 00 00 00 00 00 00 00 00 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 2.1 cd/lm 1 White NVSxx19B/NVSxx19C	22 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 2.1 cd/lm 1 White	22 00 00 00 00 00 00 00 00 00 00 00 00 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 2.1 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 2.1 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 90 %	222 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 2.1 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 90 % 2.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WICHIN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 2.1 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 90 % 2.2 cd/lm 1	229 64 150 150 150 150 150 150 150 150
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 2.1 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 90 % 2.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 2.1 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 90 % 2.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 89 % 2.1 cd/lm 1 White NVSxx19B/NVSxx19C Asymmetric 90 % 2.2 cd/lm 1	222 40 40 40 40 40 40 40 40 40 40



OSRAM Opto Semiconductors		90* 90*
LED	OSCONIQ P 7070	8°
FWHM / FWTM	Asymmetric	73° 400 75°
Efficiency	94 %	
-	94 % 1.4 cd/lm	50% 800 60*
Peak intensity		
LEDs/each optic	1	1200
Light colour	White	6, 6,
Required components:		1600
		30* 15 ³ 2420 15* 30*
OSRAM		
Opto Semiconductors		90* 90*
LED	OSCONIQ P 7070	75
FWHM / FWTM	Asymmetric	
Efficiency	85 % 1.4 cd/lm	.60 ⁴ 000 60 ⁴
Peak intensity		
LEDs/each optic	1	1200
Light colour	White	·65* 65*
Required components:		0036
Protective plate	e glass	
		2000
		30° 15° 0° 15° 30°
OSRAM Opto Semiconductors		
-		
U E()	OSLON Square CSSRM2/CSSRM3	
LED FWHM / FWTM	OSLON Square CSSRM2/CSSRM3 Asymmetric	350 400 78
FWHM / FWTM	Asymmetric	23
FWHM / FWTM Efficiency	Asymmetric 90 %	736
FWHM / FWTM Efficiency Peak intensity	Asymmetric 90 % 2.2 cd/lm	90
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 2.2 cd/lm 1	60 ⁴ 60 ⁴ 1209 60 ⁴ 60 ⁴ 60 ⁴ 60 ⁴ 60 ⁴
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 2.2 cd/lm	23° 000 60° 60° 1220 60° 1300 60°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 90 % 2.2 cd/lm 1	20 00 10 10 10 10 10 10 10 10 1
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 2.2 cd/lm 1	23° 000 60° 60° 1220 60° 1300 60°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 2.2 cd/lm 1	20 00 10 10 10 10 10 10 10 10 1
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 2.2 cd/lm 1	5°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 2.2 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 2.2 cd/lm 1 White	6°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 2.2 cd/lm 1 White OSLON Square EC	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 2.2 cd/lm 1 White OSLON Square EC Asymmetric	6°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 2.2 cd/lm 1 White OSLON Square EC Asymmetric 89 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 90 % 2.2 cd/lm 1 White OSLON Square EC Asymmetric 89 % 2.1 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 2.2 cd/lm 1 White OSLON Square EC Asymmetric 89 % 2.1 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: ODESEMMON Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 2.2 cd/lm 1 White OSLON Square EC Asymmetric 89 % 2.1 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 2.2 cd/lm 1 White OSLON Square EC Asymmetric 89 % 2.1 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: ODESEMMON Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 90 % 2.2 cd/lm 1 White OSLON Square EC Asymmetric 89 % 2.1 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 90 % 2.2 cd/lm 1 White OSLON Square EC Asymmetric 89 % 2.1 cd/lm 1	



OSDAM		
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4715AS Asymmetric 87 % 1 IR	90 90 90 90 90 90 90 90 90 90
OCDAM		30* 0° 30* 30°
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4716AS Asymmetric 87 % 1 IR	
SAMSUI LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH181B Asymmetric 87 % 1.2 cd/lm 4 White	



PRODUCT DATASHEET CA15226_STRADA-SQ-FS3

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:

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