

PRODUCT DATASHEET C15481_STRADELLA-8-VSM

STRADELLA-8-VSM

IESNA Type V (square) beam for wide areas lighting such as car parks

TECHNICAL SPECIFICATIONS:

Dimensions	49.5 x 49.5 mm
Height	4.7 mm
Fastening	pin, screw
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
STRADELLA-8-VSM	Multi-lens	PMMA	clear	

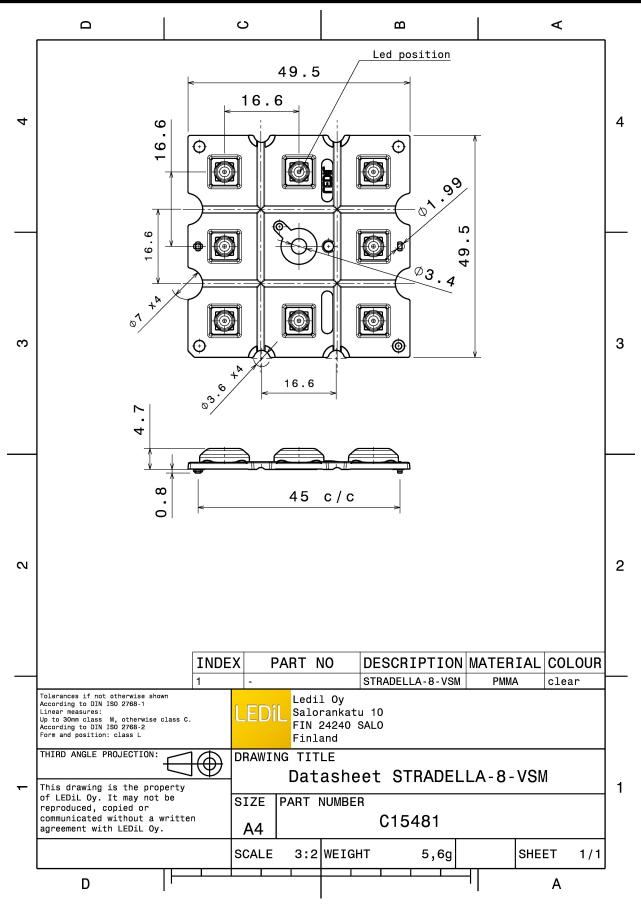
ORDERING INFORMATION:

Component		
C15481_STRADELLA-8-VSM		
» Box size: 480 x 280 x 300 mm		

Qty in box	MOQ	MPQ	Box weight (kg)
800	160	160	5.3



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



PHOTOMETRIC DATA (MEASURED):

		91 ⁺ 91 ⁺
	QUICK FLUX XT 2x8 xxx STRDLL G5	
FWHM / FWTM	146.0° / 159.0°	75° 100 78°
Efficiency	94 %	
Peak intensity	0.4 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	45°
Required componer		400
		\times \top \times
		30* 30* 30*
		90° 90°
LED	J Series 3030	
FWHM / FWTM	138.0° / 146.0°	73* 100 75*
Efficiency	97 %	
Peak intensity	0.5 cd/lm	.61 ⁴ 60 ⁴
LEDs/each optic	1	X 300 X
Light colour	White	45"
Required componer	nts:	400
		500
		\times
		30* 500
		13 ⁵ 0 ⁶ 15 [*]
		90 ⁴ 0 ⁴
	XP-G3	80
		10
LED	XP-G3	10 No. 10
LED FWHM / FWTM	XP-G3 145.0° / 157.0°	90 ⁴ 73 ⁴ 60 ⁴ 200 60 ⁴ 60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G3 145.0° / 157.0° 94 % 0.4 cd/lm 1	90- 70- 10- 50- 60- 60- 60- 60- 60- 60- 60- 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 145.0° / 157.0° 94 % 0.4 cd/m 1 White	99 75 64 67 70 70 70 70 70 70 70 70 70 70 70 70 70
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G3 145.0° / 157.0° 94 % 0.4 cd/m 1 White	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 145.0° / 157.0° 94 % 0.4 cd/m 1 White	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 145.0° / 157.0° 94 % 0.4 cd/m 1 White	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 145.0° / 157.0° 94 % 0.4 cd/m 1 White	200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 145.0° / 157.0° 94 % 0.4 cd/lm 1 White hts:	20 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 145.0° / 157.0° 94 % 0.4 cd/lm 1 White hts:	20 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 145.0° / 157.0° 94 % 0.4 cd/lm 1 White hts: XT-E	20 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 145.0° / 157.0° 94 % 0.4 cd/lm 1 White hts: XT-E 147.0° / 165.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 145.0° / 157.0° 94 % 0.4 cd/lm 1 White hts: XT-E 147.0° / 165.0° 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 145.0° / 157.0° 94 % 0.4 cd/m 1 White hts: XT-E 147.0° / 165.0° 94 % 0.4 cd/m	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 145.0° / 157.0° 94 % 0.4 cd/m 1 White hts: XT-E 147.0° / 165.0° 94 % 0.4 cd/m 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 145.0° / 157.0° 94 % 0.4 cd/lm 1 White hts: XT-E 147.0° / 165.0° 94 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-G3 145.0° / 157.0° 94 % 0.4 cd/lm 1 White hts: XT-E 147.0° / 165.0° 94 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 145.0° / 157.0° 94 % 0.4 cd/lm 1 White hts: XT-E 147.0° / 165.0° 94 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-G3 145.0° / 157.0° 94 % 0.4 cd/lm 1 White hts: XT-E 147.0° / 165.0° 94 % 0.4 cd/lm 1 White	



PHOTOMETRIC DATA (MEASURED):

UMIL	.EDS	<i>W</i> *	90
LED	LUXEON 3030 2D (Round LES)		
FWHM / FWTM	137.0° / 143.0°	27	
Efficiency	94 %		200
Peak intensity	0.5 cd/lm	⁶⁰	
LEDs/each optic	1		400
Light colour	White	-51	$I \downarrow X Z$
Required compone	nts:		
		XT	600
		\times $+$	700
		30-	800
			0 ⁶ 15 ⁴
ØNICHI∕	k i i i i i i i i i i i i i i i i i i i	90*	
LED	NVSW219D		
FWHM / FWTM	149.0° / 155.0°	781	100
Efficiency	94 %		
Peak intensity	0.4 cd/lm		200
LEDs/each optic	1		
Light colour	White	6 *	
Required compone	ents:		400
			500
		30*	30
OSRAM			
Opto Semiconductors		. 90*	
LED	OSLON Square CSSRM2/CSSRM3	20	100
FWHM / FWTM	142.0° / 149.0°		
Efficiency	94 %	504	200
Peak intensity	0.5 cd/lm		300
LEDs/each optic	1	\times	
Light colour	White	6 .	400
Required compone	INTS:		500
			600
		30°* 15°	700 15° 3
SEOUL			X EF
SEOUL SEMICONDUCTOR		90,	,
LED	Z8Y22P	72	
FWHM / FWTM	146.0° / 152.0°		100
Efficiency	94 %	er -	
Peak intensity	0.4 cd/lm		200
LEDs/each optic	1 White		
Light colour	White	6'	
Required compone	4165.		400
		\times 1	
		7	200



	XP-G2	90" 90"
	-	to the stand the stand
FWHM / FWTM	152.0° / 160.0°	$\sqrt{\chi}$ X////X χ /
Efficiency	94 %	50° 200 60*
Peak intensity	0.4 cd/lm	310
LEDs/each optic	1	$\nabla \times / \top \setminus \times \vee$
Light colour	White	45* 400 45*
Required components:		
		200
		00
		30* 15 ⁵ 0 [°] 15 ⁴ 30*
	DS	
LED	LUXEON 3535 2D	
FWHM / FWTM	143.0° / 155.0°	73° 73°
Efficiency	94 %	
Peak intensity	0.5 cd/lm	504 504
LEDs/each optic	1	\times
	u White	
Light colour	White	61 61
Required components:		
		30* 700 30*
		90* 99*
LED	LUXEON C	30°
LED FWHM / FWTM	LUXEON C 152.0° / 161.0°	20° 20° 20°
LED FWHM / FWTM Efficiency	LUXEON C 152.0° / 161.0° 94 %	20°
LED FWHM / FWTM Efficiency Peak intensity	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm	90° 00° 73° 20° 00°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1	90* 00* 234
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm	20 20 20 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1	90"
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1	50° 70° 60° 60° 60° 60° 60° 60° 60° 60° 60° 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1 White	00° 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:	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1 White DS LUXEON FlipChip White 10 136.0° / 149.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1 White V LUXEON FlipChip White 10 136.0° / 149.0° 89 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: With Components: Composed State Composed St	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1 White V LUXEON FlipChip White 10 136.0° / 149.0° 89 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WIM / COMPARENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1 White V S LUXEON FlipChip White 10 136.0° / 149.0° 89 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: With Components: Composed State Composed St	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1 White V S LUXEON FlipChip White 10 136.0° / 149.0° 89 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WIM / COMPARENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1 White V S LUXEON FlipChip White 10 136.0° / 149.0° 89 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WIM / COMPARENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 152.0° / 161.0° 94 % 0.5 cd/lm 1 White V S LUXEON FlipChip White 10 136.0° / 149.0° 89 % 0.4 cd/lm 1	



ΜΝΙCΗΙΛ		
LED	NCSxE17A	»·
FWHM / FWTM	134.0° / 140.0°	75° 200 75
Efficiency	94 %	
Peak intensity	0.6 cd/lm	60* 60
		30
LEDs/each optic Light colour	1 White	
Required components:	Wille	é; e
Required components.		500
		700
		30° 13 ⁵ 0° 13° 30°
ΜΝΙCΗΙΛ		90* 90*
LED	NF2x757D	and as
FWHM / FWTM	140.0° / 146.0°	75° 78'
Efficiency	94 %	200
Peak intensity	0.6 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	White	45°
Required components:		
		X X MA
		700
		30° 500 30° 30° 30°
ΜΝΙCΗΙΛ		90* 90*
LED	NVSxE21A	
FWHM / FWTM	135.0° / 143.0°	73° 500 77°
Efficiency	94 %	200
Peak intensity	0.5 cd/lm	. 60 ⁴
LEDs/each optic	1	30
Light colour	White	45* 400 45*
Required components:		X/IX
		30* 38*
OSRAM		152 100 107
Opto Semiconductors		90* 90*
LED	OSCONIQ C 2424	
FWHM / FWTM		750 100 75
	140.0° / 148.0°	
Efficiency	83 %	60* 200 607
Peak intensity	83 % 0.4 cd/lm	a ^r - 20 - 6
Peak intensity LEDs/each optic	83 % 0.4 cd/lm 1	e ^r - 29 - 67
Peak intensity LEDs/each optic Light colour	83 % 0.4 cd/lm	0 ¹⁵ 200 60 40 ⁵ 300 60
Peak intensity LEDs/each optic	83 % 0.4 cd/lm 1	0 ⁵ 20 67
Peak intensity LEDs/each optic Light colour Required components:	83 % 0.4 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour	83 % 0.4 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour Required components:	83 % 0.4 cd/lm 1 White	



r		
OSRAM		
Opto Semiconductors		90° 90°
LED	OSCONIQ C 2424	730 750
FWHM / FWTM	140.0° / 148.0°	
Efficiency	96 %	604 601
Peak intensity	0.5 cd/lm	X / 30
LEDs/each optic	1	$X \times I \times X$
Light colour	White	45* 400 45*
Required components:		200
		30* 700 30*
OSRAM Opto Semiconductors		13, 6, 12,
		90* 90*
LED	OSCONIQ P 3030	75
FWHM / FWTM	147.0° / 157.0°	
Efficiency	96 %	ay 200 60%
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	30
Light colour	White	6,
Required components:		400
		30°
сласия		
SAMSUN	10	90° 90°
LED	LH351C	50
FWHM / FWTM	150.0° / 160.0°	100 707
Efficiency	77 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	200
Light colour	White	6° 20 6°
Required components:		30
Deste stive alst		300
Protective plate	, glass	
		30* 10 ⁰ 20* 30*
SAMSUN	IG	
		90* 90*
	LH351C	75
FWHM / FWTM	150.0° / 162.0°	
Efficiency	91 %	50%
Peak intensity	0.5 cd/lm	\times / \longrightarrow \times
LEDs/each optic	1	
Light colour	White	6, <u> </u>
Required components:		400
		\times / \top / \times
		30*
		15 ³ 0 ⁶ 15 ³



SEOUL		50° 50°
SEOUL SEMICONDUCTOR	Z8Y19	17
FWHM / FWTM	139.0° / 148.0°	72* 500 72*
Efficiency	93 %	
Peak intensity	0.4 cd/lm	10 ¹⁴ 200 604
LEDs/each optic	1	\times
Light colour	White	45° 65
Required components	S:	***
		\times
		50° 23° 0° 33°



PRODUCT DATASHEET C15481_STRADELLA-8-VSM

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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