

STRADELLA-8-HV-HB-O

Oval beam for high bay aisles. Variant with improved creepage distance for high voltage circuit design.

TECHNICAL SPECIFICATIONS:

Dimensions Height Fastening ROHS compliant 49.5 x 49.5 mm 8.2 mm pin, screw yes ()



MATERIAL SPECIFICATIONS:

Component STRADELLA-8-HV-HB-O

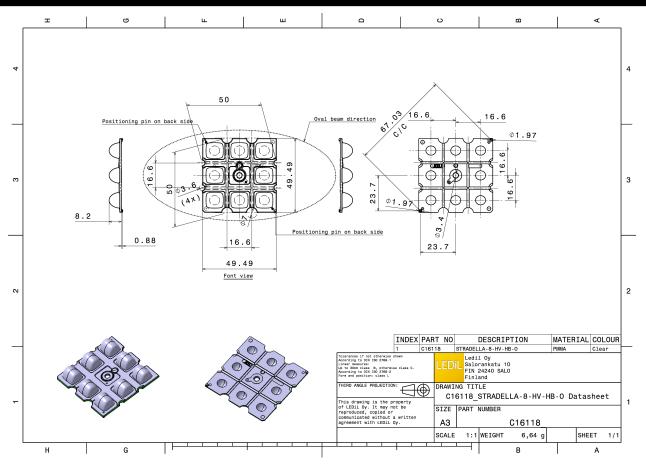
Туре	
Multi-lens	

Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16118_STRADELLA-8-HV-HB-O	800	160	160	6.1
» Box size: 476 x 273 x 292 mm				





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



PHOTOMETRIC DATA (MEASURED):

	D	50° 50'
LED	J Series 3030	
FWHM / FWTM	66.0 + 25.0° / 103.0 + 124.0°	
Efficiency	97 %	
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
		307 307
		127 ¹ of 127 ¹
		90 ⁴
LED	XD16	71 72
FWHM / FWTM	66.0 + 20.0° / 106.0 + 126.0°	
Efficiency	94 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		30 ⁺ 35 ⁺ 0 ⁺ 35 ⁺
	D	20 ⁴
LED	XT-E	
FWHM / FWTM	68.0 + 22.0° / 108.0 + 126.0°	24
Efficiency	94 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	gr de la constante de la consta
Required compone		
		15. 04 15.
ELUM	INUS	90 ⁴
LED	SST-10-B130	
FWHM / FWTM	69.0 + 20.0° / 102.0 + 124.0°	
Efficiency	96 %	
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour	Deep Red	
Required compone	ents:	
		80
		304



PHOTOMETRIC DATA (MEASURED):

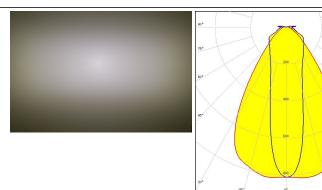
ØNICHI		99* 990
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W585AR 68.0 + 20.0° / 109.0 + 124.0° 94 % 1 cd/lm 1 White ents:	
Orto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSCONIQ S 3030 66.0 + 23.0° / 101.0 + 123.0° 94 % 1 cd/lm 1 White ents:	
PHILIE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Fortimo FastFlex LED 4x8up PR G5 62.0 + 20.0° / 96.0 + 122.0° 94 % 1.1 cd/lm 1 White	
stout semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SEOUL DC 3030C 22.0 + 66.0° / 121.0 + 101.0° 94 % 1 cd/lm 1 White ents:	



PHOTOMETRIC DATA (MEASURED):

SEOUL	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM / FWTM	70
Efficiency	94
Peak intensity	0.8
LEDs/each optic	1
Light colour	W
Required componer	nts:

Z5M3 70.0 + 26.0° / 112.0 + 127.0° 94 % 0.8 cd/lm 1 White





	XP-G2	5y* 5y*
FWHM / FWTM	70.0 + 20.0° / 90.0 + 120.0°	75.
Efficiency	92 %	400
Peak intensity	1.5 cd/lm	60* 400 X0*
LEDs/each optic	1	
Light colour	White	gr gr
Required components:		800
		36*
		15° 0° 25°
		50° 50°
LED	XP-G2 HE	73.
FWHM / FWTM	72.0 + 24.0° / 94.0 + 106.0°	
Efficiency	95 %	63° 69°
Peak intensity	1 cd/lm	400
LEDs/each optic	1	
Light colour	White	42.
Required components:		
		30° 30° 30°
		907 907
	LUXEON 3030 2D (Round LES)	73
FWHM / FWTM	61.0 + 17.0° / 80.0 + 78.0° 93 %	
Efficiency	93 % 1.4 cd/lm	60° 60°
Peak intensity LEDs/each optic	1.4 co/m 1	
Light colour	ı White	45° 65°
Required components:	White	
required components.		
		1220
		30° 15° 0° 15° 30°
ΜΝΙCΗΙΛ		90° 90°
LED	NVSW519A	
FWHM / FWTM	76.0 + 28.0° / 94.0 + 111.0°	75' 75'
Efficiency	88 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	400
Light colour	White	45*
Required components:		
Protective plate	e, glass	
Protective plate	e, glass	300 300



Μ ΝΙCΗΙΛ		90° 90°
LED	NVSW519A	
FWHM / FWTM	76.0 + 27.0° / 92.0 + 115.0°	75 75
Efficiency	93 %	
Peak intensity	0.9 cd/lm	60 ⁵
LEDs/each optic	1	
Light colour	White	gg
Required components:		
		30 ⁻ 15 ⁵ 0 ⁰ 15 ⁵
OSRAM Opto Semiconductors		50° 50°
LED	OSCONIQ C 2424	
FWHM / FWTM	62.0 + 16.0° / 80.0 + 83.0°	78
Efficiency	95 %	400
Peak intensity	1.4 cd/lm	
LEDs/each optic	1	
Light colour	White	g: 000 g;
Required components:		
		1220
		30° 30°
		15% of 15%
OSRAM Opto Semiconductors		90° 90°
LED	OSCONIQ P 3030	
FWHM / FWTM	53.0 + 14.0° / 77.0 + 59.0°	
Efficiency	96 %	60° 60°
Peak intensity	2 cd/lm	
LEDs/each optic	1	
Light colour	White	at at
Required components:		
		1500
1		30°
OSRAM		200 125 00 125 00
OSRAM Opto Semiconductors		20 ⁻
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3	
Opto Semiconductors LED FWHM / FWTM	64.0 + 18.0° / 83.0 + 86.0°	20 0 27 00 20 0 20 0 20 0 0 20 0 0 20 0 0 0 20 0 20 0 20
opto Semiconductors LED FWHM / FWTM Efficiency	64.0 + 18.0° / 83.0 + 86.0° 94 %	20 ⁷ 0 ⁷ 10 ⁷ 20 ⁹
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	64.0 + 18.0° / 83.0 + 86.0° 94 % 1.3 cd/lm	90°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	64.0 + 18.0° / 83.0 + 86.0° 94 % 1.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	64.0 + 18.0° / 83.0 + 86.0° 94 % 1.3 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	64.0 + 18.0° / 83.0 + 86.0° 94 % 1.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	64.0 + 18.0° / 83.0 + 86.0° 94 % 1.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	64.0 + 18.0° / 83.0 + 86.0° 94 % 1.3 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	64.0 + 18.0° / 83.0 + 86.0° 94 % 1.3 cd/lm 1	



SAMSU	IG	90* 9
LED	LH181A	
FWHM / FWTM	66.0 + 26.0° / 90.0 + 120.0°	
Efficiency	92 %	
Peak intensity	1.1 cd/lm	400
LEDs/each optic	1	
Light colour	White	g*
Required components:		
		300 00 00
SAMSU	IG	99*
LED FWHM / FWTM	LH181B	75
Efficiency	60.0 + 20.0° / 80.0 + 120.0° 94 %	400
Peak intensity	94 % 1.3 cd/lm	60°
LEDs/each optic	1	
Light colour	u White	g.
Required components:	wine	
required components.		
		1239
		30° 15° 0° 15°
SAMSU	IG	90*
LED	LH351B	
FWHM / FWTM	69.0 + 21.0° / 87.0 + 96.0°	
Efficiency	94 %	60e 400
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	
Light colour	White	gar and a second se
Required components:		
		34 ⁴ 12 ³ 0 ⁴ 12 ⁴
SAMSU	IG	20 ⁵
		394 25 0 ⁴ 15 ⁴
	LH351B	25 00 25 26 00 25 26 00 25
LED FWHM / FWTM	LH351B 68.0 + 22.0° / 88.0 + 95.0°	22 30 30 30 30 0 30 20 0 30 30 30 30 30 30 30 30 30 30 30 30
LED FWHM / FWTM Efficiency	LH351B 68.0 + 22.0° / 88.0 + 95.0° 88 %	00 25 26 26 26 20 20 20 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity	LH351B 68.0 + 22.0° / 88.0 + 95.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351B 68.0 + 22.0° / 88.0 + 95.0° 88 % 1.1 cd/lm 1	60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B 68.0 + 22.0° / 88.0 + 95.0° 88 % 1.1 cd/lm	60 ⁴
	LH351B 68.0 + 22.0° / 88.0 + 95.0° 88 % 1.1 cd/lm 1	60 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B 68.0 + 22.0° / 88.0 + 95.0° 88 % 1.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351B 68.0 + 22.0° / 88.0 + 95.0° 88 % 1.1 cd/lm 1 White	60 -



SEOUL SEOUL SEMICONDUCTOR		50 ⁴
LED	Z8Y22T	77
FWHM / FWTM	63.0 + 21.0° / 82.0 + 103.0°	
Efficiency	94 %	607 007
Peak intensity	1.2 cd/lm	\wedge
LEDs/each optic	1	
Light colour	White	gr det
Required components	S:	30 ⁴ 12 ⁵ 32 ⁴



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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