

STRADELLA-8-HV-HB-M

~65° medium beam for industrial applications. Variant with improved creepage distance for high voltage circuit designs.

SPECIFICATION:

Dimensions Height Fastening ROHS compliant 49.5 x 49.5 mm 5.7 mm pin, screw yes ①



Finish

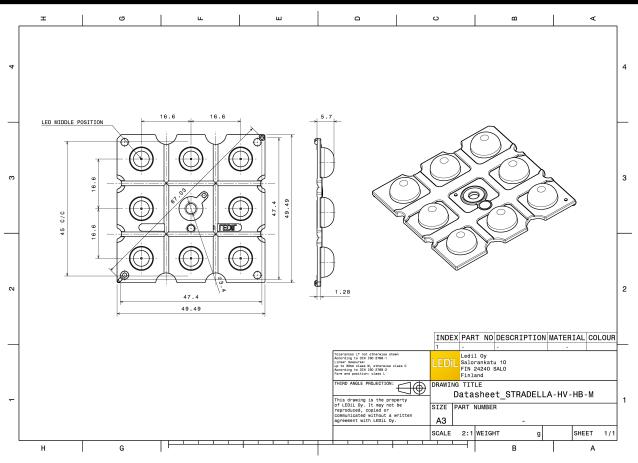
MATERIALS:

ComponentTypeMaterialColourSTRADELLA-8-HV-HB-MMulti-lensPMMAclear

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15984_STRADELLA-8-HV-HB-M	800	160	160	4.4
» Box size: 480 x 280 x 300 mm				





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



	D		90 ⁴
LED	J Series 3030		
FWHM / FWTM	62.0° / 123.0°		75
Efficiency	97 %		
Peak intensity	0.7 cd/lm		
LEDs/each optic	1		
Light colour	White		gr* 400 at
Required compone			
			500
			2 ⁷ 0 ⁸ 15 ⁹
	D		50°
LED	XD16		
FWHM / FWTM	64.0° / 132.0°		
Efficiency	92 %		200
Peak intensity	0.6 cd/lm		
LEDs/each optic	1		
Light colour	White		er e
Required compone	ents:		
			30* 000 3
			01 V
	D		90 ⁴ 99
			94 ⁴
LED	XT-E		30 ⁴ 32
LED FWHM / FWTM	ХТ-Е 62.0° / 137.0°		90 ⁴ 9
LED FWHM / FWTM Efficiency	XT-E 62.0° / 137.0° 94 %		
LED FWHM / FWTM Efficiency Peak intensity	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm 1		9)* 9 72 90 97 97 97 97 97 97 97 97 97 97 97 97 97
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E 62.0° / 137.0° 94 % 0.6 cd/m 1 White		5)* 72 6)* 5)* 200 6)* 200 6)* 200 6)* 200 6)* 200 6)* 200 6)* 200 6)* 200 6)* 200 6)* 200 6)* 200 6)* 200 6)* 200 7 200 7 20 7 20 7 20 7 20 20 7 20 20 20 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XT-E 62.0° / 137.0° 94 % 0.6 cd/m 1 White		90 ⁴ 75 ⁴ 97 ⁴ 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E 62.0° / 137.0° 94 % 0.6 cd/m 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XT-E 62.0° / 137.0° 94 % 0.6 cd/m 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm 1 White ents:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm 1 White ents:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm 1 White ents:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm 1 White ents: SST-10-B130 59.0° / 126.0°		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm 1 White ents: SST-10-B130 59.0° / 126.0° 94 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone LED FWHM / FWTM Efficiency Peak intensity	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm 1 White ents: SST-10-B130 59.0° / 126.0° 94 % 0.7 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm 1 White ents: SST-10-B130 59.0° / 126.0° 94 % 0.7 cd/lm 1		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Efficiency Peak intensity LEDs/each optic Light colour	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm 1 White ents: SST-10-B130 59.0° / 126.0° 94 % 0.7 cd/lm 1 Deep Red		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm 1 White ents: SST-10-B130 59.0° / 126.0° 94 % 0.7 cd/lm 1 Deep Red		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Efficiency Peak intensity LEDs/each optic Light colour	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm 1 White ents: SST-10-B130 59.0° / 126.0° 94 % 0.7 cd/lm 1 Deep Red		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Efficiency Peak intensity LEDs/each optic Light colour	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm 1 White ents: SST-10-B130 59.0° / 126.0° 94 % 0.7 cd/lm 1 Deep Red		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Efficiency Peak intensity LEDs/each optic Light colour	XT-E 62.0° / 137.0° 94 % 0.6 cd/lm 1 White ents: SST-10-B130 59.0° / 126.0° 94 % 0.7 cd/lm 1 Deep Red		



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LED	NF2W585AR	
FWHM / FWTM	73.0° / 132.0°	
Efficiency	94 %	20
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	e de la companya de la company
Required compone	ents:	
		\$0 ⁺ 000 3.4
OSRAM		
Opto Semiconductors		
LED FWHM / FWTM	OSCONIQ S 3030 (QSLR31) 63.0° / 121.0°	72
	94 %	200
Efficiency Peak intensity	94 % 0.7 cd/lm	601 60
LEDs/each optic	1	
Light colour	' White	gy 440
Required compone		
Required compone		
PHILI	25	50*
LED	Fortimo FastFlex LED 4x8up PR G5	
FWHM / FWTM	60.0° / 122.0°	
Efficiency	94 %	eu 200
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		30° 30' 30'
SAMSI	UNG	90°
LED	LH151B	
FWHM / FWTM	49.0° / 118.0°	75
Efficiency	93 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	er e
Required compone		
		\times / \times / \times
		30- 30
		15 0 15



SEOUL		
SEOUL SEMICONDUCTOR		
LED	SEOUL DC 3030C	
FWHM / FWTM	60.0° / 121.0°	
Efficiency	94 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
SEOUL		90 ⁴ 90 ⁴
LED	Z5M3	
FWHM / FWTM	71.0° / 132.0°	75.
Efficiency	94 %	
Peak intensity	0.6 cd/lm	ee /
LEDs/each optic	1	
Light colour	White	45*
Required compone		400
Required compone	nts.	
		36* <u>000</u> 30* 30*
SEOUL		50° 900
SEOUL SEMICONDUCTOR	Z5M4	
LED FWHM / FWTM		79. 79
	71.0° / 118.0° 98 %	
Efficiency		60° / / / / / / / / / / / / / / / / / / /
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
		302
SEOUL		1 <u>22</u>
SEOUL SEMICONDUCTOR		
LED	Z8Y19	
FWHM / FWTM	80.0° / 130.0°	
Efficiency	91 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	



SEOUL	
EOUL SEMICONDUCTOR	
LED	Z8Y22
FWHM / FWTM	81.0° / 131.0°
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required compone	nts:
Required compone	nts:



		30° 50°
LED	XP-G2 HE	
EED FWHM / FWTM	70.0° / 128.0°	75* 75*
Efficiency	95 %	60° / 60°
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		354 600 344
		90* 90*
LED	XP-G3	
FWHM / FWTM	74.0° / 132.0°	75.
Efficiency	95 %	
Peak intensity	95 % 0.5 cd/lm	60° 60°
LEDs/each optic	1	
LEDS/each optic	1 White	45*
Required components:	Wille	
Required components:		400400
		30° 35° 36°
LED	XP-G3	
FWHM / FWTM	72.0° / 132.0°	
Efficiency	91 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:	winte	
Required components.		
	)S	
LED	LUXEON 3535L HE	
FWHM / FWTM	52.0° / 122.0°	
Efficiency	93 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		



UMILEC	DS		
LED	LUXEON HR30		
FWHM / FWTM	54.0° / 121.0°		
Efficiency	93 %		
Peak intensity	0.8 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
	)S		50 ⁴
LED	LUXEON TX		
EED FWHM / FWTM	61.0° / 128.0°		75*
Efficiency	94 %		
Peak intensity	94 /8 0.6 cd/lm		60 ⁵
LEDs/each optic	1		
Light colour	ı White		
Required components:	white		400
Required components.			
			an
			30 ⁶ 31 15° 0° 15°
<b>Μ</b> ΝΙCΗΙΛ			90*
LED	NVSW519A		
FWHM / FWTM	78.0° / 124.0°		75'
Efficiency	92 %		
Peak intensity	0.5 cd/lm		60°
LEDs/each optic	1		
Light colour	White		gr A
Required components:			
			400
			15° 0° 15°
<b>Μ</b> ΝΙCΗΙΛ			
LED	NVSxx19B/NVSxx19C		
FWHM / FWTM	65.0° / 124.0°		
Efficiency	91 %		
Peak intensity	0.6 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			



OSRAM		90°
Opto Semiconductors	OSCONIQ C 2424	
FWHM / FWTM	57.0° / 119.0°	75°
Efficiency	96 %	_ 200
Peak intensity	0.7 cd/lm	60°
LEDs/each optic	1	
Light colour	White	400 45%
Required components:		
		30° 30°
		30° 30° 30°
OSRAM Opto Semiconductors		90*
LED	OSCONIQ P 3030	73*
FWHM / FWTM	49.0° / 119.0°	75° 75°
Efficiency	97 %	60°
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	₫ [*] ₫ [*]
Required components:		600
		800
		36° 35°
0.0.0.0.0.0.0		
SAMSUN	lū	90° 90°
LED	LH181A	
FWHM / FWTM	67.0° / 135.0°	
Efficiency	94 %	60° 200 60°
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour		g' et
	1	<b>71111111111111</b>
Light colour	1	gy
Light colour	1	0 ⁴
Light colour	1	5 ¹ 6 ² 6 ²
Light colour Required components:	1 White	40 30
Light colour Required components:	1 White	40 30
Light colour Required components: <b>SAMSUN</b> LED	1 White G LH181B	40 30
Light colour Required components: SAMSUN LED FWHM / FWTM	1 White G LH181B 59.0° / 122.0°	40 30
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	1 White G LH181B 59.0° / 122.0° 94 %	40 30
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	1 White G LH181B 59.0° / 122.0° 94 % 0.7 cd/m	
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White G LH181B 59.0° / 122.0° 94 % 0.7 cd/m 1	
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White G LH181B 59.0° / 122.0° 94 % 0.7 cd/m	
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White G LH181B 59.0° / 122.0° 94 % 0.7 cd/m 1	
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White G LH181B 59.0° / 122.0° 94 % 0.7 cd/m 1	
Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White G LH181B 59.0° / 122.0° 94 % 0.7 cd/m 1	



SAMSU		7
		90* 90*
LED	LH351D	75*
FWHM / FWTM	79.0° / 124.0°	
Efficiency	94 %	60* 60*
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	er er
Required components:		440
		30° 600 30°
SEOUL		90* 90*
LED	Z8Y22T	
FWHM / FWTM	64.0° / 125.0°	251
Efficiency	94 %	200
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required components:		
		200
		3° 15° 0° 15°



#### **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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