

## STRADELLA-IP-64-HB-M

~60° spot beam. Variant made from PMMA.

## **TECHNICAL SPECIFICATIONS:**

Dimensions	74.0 x 253.0 mm
Height	9.2 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



## **MATERIAL SPECIFICATIONS:**

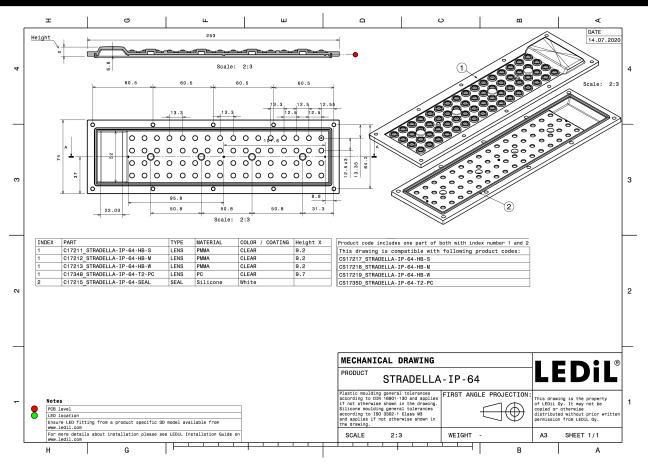
Component	Туре	Material	Colour	Finish
STRADELLA-IP-64-HB-M	Multi-lens	PMMA	clear	
STRADELLA-IP-64-SEAL	Seal	Silicone	milky	

### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS17218_STRADELLA-IP-64-HB-M	Multi-lens	108	36	36	8.8
» Box size: 476 x 273 x 247 mm					

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



## PHOTOMETRIC DATA (SIMULATED):

OSRAM		90° 90°
Opto Semiconductors	Duris E 2835	
FWHM / FWTM	60.0° / 84.0°	75*
Efficiency	91 %	
Peak intensity	1 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	g*
Required components:		
		30° 15° 0° 15°
OSRAM Opto Semiconductors		50°
LED	Duris S5 (2 chip)	
FWHM / FWTM	61.0° / 84.0°	23.
Efficiency	90 %	60* 60*
Peak intensity	1 cd/lm	400
LEDs/each optic	1	
Light colour	White	97
Required components:		
		36* 36*
OSDAM		( <u>157</u> <u>0</u> <sup>h</sup> <u>1</u> 55
OSRAM Opto Semiconductors		99°
OSRAM Opto Semiconductors LED	Duris S5 (Single chip)	99°
Opto Semiconductors	58.0° / 82.0°	35. 35.   36. 35.   36. 35.
opto Semiconductors LED FWHM / FWTM Efficiency	58.0° / 82.0° 92 %	804 400 804   325 324 324   326 326 326
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	58.0° / 82.0° 92 % 1.1 cd/lm	60° 60° 33° 30° 30° 30° 30° 30° 30° 30° 30°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	58.0° / 82.0° 92 % 1.1 cd/lm 1	50 50 50 50 50 50 50 50 50 50 50 50 50 5
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	58.0° / 82.0° 92 % 1.1 cd/lm	20. 60. 60.   20. 20. 20.   20. 20. 20.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	58.0° / 82.0° 92 % 1.1 cd/lm 1	50 50 50 50 50 50 50 50 50 50 50 50 50 5
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	58.0° / 82.0° 92 % 1.1 cd/lm 1	50 50 50 50 50 50 50 50 50 50 50 50 50 5
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	58.0° / 82.0° 92 % 1.1 cd/lm 1	50 50 50 50 50 50 50 50 50 50 50 50 50 5
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	58.0° / 82.0° 92 % 1.1 cd/lm 1	50 57 57 57 57 57 57 57 57 57 57 57 57 57
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	58.0° / 82.0° 92 % 1.1 cd/lm 1 White	27 60 77 60 60 60 60 60 60 60 60 77 79 70 70 70 70 70 70 70 70 70 70
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	58.0° / 82.0° 92 % 1.1 cd/lm 1 White	55 66 60 60 60 60 60 60 60
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	58.0° / 82.0° 92 % 1.1 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4	27 27 27 27 27 27 27 27 27 27
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>PHILIPS</b> LED FWHM / FWTM	58.0° / 82.0° 92 % 1.1 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 60.0° / 83.0°	32. 30. 30. 30.   32. 40. 60. 60.   60. 60. 60. 60.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>DHILLIPS</b> LED FWHM / FWTM Efficiency	58.0° / 82.0° 92 % 1.1 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 60.0° / 83.0° 90 %	32. 30. 30. 30.   32. 40. 60. 60.   60. 60. 60. 60.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>PHILIPS</b> LED FWHM / FWTM Efficiency Peak intensity	58.0° / 82.0° 92 % 1.1 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 60.0° / 83.0° 90 % 1 cd/lm	32. 30. 30. 30.   32. 40. 60. 60.   60. 60. 60. 60.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>PHILIPS</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	58.0° / 82.0° 92 % 1.1 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 60.0° / 83.0° 90 % 1 cd/lm 1	32. 30. 30. 30.   32. 40. 60. 60.   60. 60. 60. 60.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>PHILIPS</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	58.0° / 82.0° 92 % 1.1 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 60.0° / 83.0° 90 % 1 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>PHILIPS</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	58.0° / 82.0° 92 % 1.1 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 60.0° / 83.0° 90 % 1 cd/lm 1	
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opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>PHILIPS</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	58.0° / 82.0° 92 % 1.1 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 60.0° / 83.0° 90 % 1 cd/lm 1	



## PHOTOMETRIC DATA (SIMULATED):

SAMSUT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM301B 60.0° / 84.0° 90 % 1 cd/lm 1 White	50°	90
0.0.00.000	10	30° 0° 32°	36
SVWSAL	IG	50 <sup>±</sup>	90
LED	LM301B	72	
FWHM / FWTM	60.0° / 82.0 + 83.0°		
Efficiency	94 %	600	6
Peak intensity	1.1 cd/lm		
LEDs/each optic	1		$\times$
Light colour Required components:	White		
		30' 0' 15'	3
		90*	90
LED	SEOUL 3030		
FWHM / FWTM	63.0° / 84.0°	75	7
Efficiency	92 %	60	~
Peak intensity	1 cd/lm		
LEDs/each optic	1		
Light colour Required components:	White		-
		30 <sup>4</sup> 15 <sup>5</sup> 0 <sup>6</sup> 15 <sup>4</sup>	×
SEOUL			
SEOUL SEMICONDUCTOR			
EED FWHM / FWTM	SEOUL DC 3528 62.0° / 84.0°	78	7
Efficiency	91 %		
Peak intensity	1 cd/lm	60	6
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.

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