

## STRADELLA-IP-64-HB-M

~60° spot beam.

### **TECHNICAL SPECIFICATIONS:**

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



### MATERIAL SPECIFICATIONS:

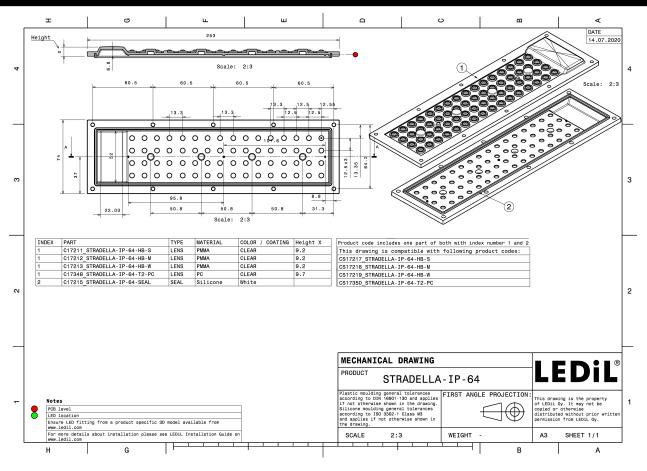
Component	Туре	Material	Colour	Finish
STRADELLA-IP-64-HB-M	Multi-lens	PMMA	clear	
STRADELLA-IP-64-SEAL	Seal	Silicone	milky	

#### **ORDERING INFORMATION:**

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

Last update: 24/11/2021Subject to change without prior noticePublished: 13/11/2020LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.1/7





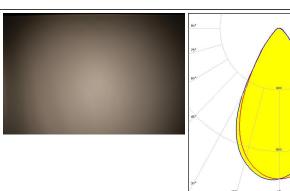
See also our general installation guide: <u>www.ledil.com/installation\_guide</u>

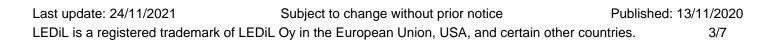


### **PHOTOMETRIC DATA (MEASURED):**

LEDEHFWHM / FWTM57Efficiency96Peak intensity1LEDs/each optic1Light colourWRequired components:

EHP-223.5x50-1604-xx-70-LS30-06-NTC 57.0° / 90.0° 96 % 1 cd/lm 1 White







### PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Duris E 2835 71.0° / 90.0° 87 %	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
Peak intensity	0.7 cd/lm	
LEDs/each optic	2	
Light colour	White	er
Required components:		200
OSRAM Opto Semiconductors		90'
LED	Duris E 2835	
FWHM / FWTM	60.0° / 84.0°	73*
Efficiency	91 %	
Peak intensity	1 cd/lm	400
LEDs/each optic	1	
Light colour	White	gr det
Required components:		200 200 200 200 200
OSRAM Opto Semiconductors		90* 90*
LED	Duris S5 (2 chip)	
FWHM / FWTM	61.0° / 84.0°	73*
Efficiency	90 %	
Peak intensity	1 cd/lm	400
LEDs/each optic	1	
Light colour	White	et / / / / / / / / / / / / / / / / / / /
Required components:		360 35° 0° 12° X.
OSRAM Onto Semiconductors		90* 90*
LED	Duris S5 (Single chip)	
FWHM / FWTM	58.0° / 82.0°	73* 75*
Efficiency	92 %	
Peak intensity	1.1 cd/im	60 <sup>5</sup>
LEDs/each optic	1	
Light colour	White	gr late
Required components:		30° 10° 10° 10° 10°



### **PHOTOMETRIC DATA (SIMULATED):**

OSRAM		50° 50°
Opto Semiconductors	OSCONIQ S 3030	
FWHM / FWTM	61.0° / 84.0°	75.
Efficiency	90 %	
Peak intensity	1 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	#
Required components:	THE STREET	
		30° 30° 35°
PHILIPS		90* 90*
	Fortimo FastFlex LED 4x16 DHE G4	73.
FWHM / FWTM Efficiency	60.0° / 83.0° 90 %	
	90 % 1 cd/lm	50° 50°
Peak intensity		
LEDs/each optic	1 White	ar
Light colour	White	
Required components:		
		30° 15° 33°
SAMSUN	16	90° 90°
		50°
LED	HiLOM RM64 (LM301B)	75*
FWHM / FWTM	60.0° / 84.0°	
Efficiency	90 %	60° 60°
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		36 <sup>4</sup> 15 <sup>9</sup> 0 <sup>4</sup> 25 <sup>9</sup> 3 <sup>5</sup>
SAMSUN	IC	
		90* 90*
LED	LM301B	75*
FWHM / FWTM	60.0° / 84.0°	
Efficiency	90 %	60,4
Peak intensity	1 cd/lm	
LEDs/each optic	1 Million	
Light colour	White	
Required components:		
		30, 20, 6, 20, 20,



### PHOTOMETRIC DATA (SIMULATED):

SAMSUN	IG	50° 50°
LED	LM301B	
FWHM / FWTM	60.0° / 83.0°	25*
Efficiency	94 %	
Peak intensity	1.1 cd/lm	400
LEDs/each optic	1	
Light colour	White	er lat
Required components:		94 00 1010
		90* 90*
LED	SEOUL 3030	
FWHM / FWTM	63.0° / 84.0°	75*
Efficiency	92 %	
Peak intensity	1 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	az. az.
Required components:		
- 1 1		
		30° 15° 0° 15°
SEOUL		
		90* 90*
SEOUL SEMICONDUCTOR	SEQUL DC 3528	90* 90*
seoul semiconductor LED	SEOUL DC 3528 62.0° / 84.0°	29 <sup>1</sup> 29 <sup>2</sup>
seoul semiconductor LED FWHM / FWTM	SEOUL DC 3528 62.0° / 84.0° 91 %	
seoul semiconductor LED FWHM / FWTM Efficiency	62.0° / 84.0° 91 %	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	62.0° / 84.0°	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	62.0° / 84.0° 91 % 1 cd/lm	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	62.0° / 84.0° 91 % 1 cd/lm 1	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	62.0° / 84.0° 91 % 1 cd/lm 1	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	62.0° / 84.0° 91 % 1 cd/lm 1	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	62.0° / 84.0° 91 % 1 cd/lm 1	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62.0° / 84.0° 91 % 1 cd/lm 1 White	
SEQUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62.0° / 84.0° 91 % 1 cd/lm 1 White	
SECUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62.0° / 84.0° 91 % 1 cd/lm 1 White	39* 39* 39*   39* 30* 6*
SECOL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62.0° / 84.0° 91 % 1 cd/lm 1 White RLE 4x16 4000lm MP ADV2 OTD	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	62.0° / 84.0° 91 % 1 cd/lm 1 White RLE 4x16 4000lm MP ADV2 OTD 60.0° / 84.0°	39* 39* 39*   39* 30* 6*
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: TRIDONIC LED FWHM / FWTM Efficiency	62.0° / 84.0° 91 % 1 cd/lm 1 White RLE 4x16 4000lm MP ADV2 OTD 60.0° / 84.0° 90 %	39* 39* 39*   39* 30* 6*
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: TRIDONIC LED FWHM / FWTM Efficiency Peak intensity	62.0° / 84.0° 91 % 1 cd/lm 1 White RLE 4x16 4000lm MP ADV2 OTD 60.0° / 84.0°	39* 39* 39*   39* 30* 6*
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>TRRIDONIC</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	62.0° / 84.0° 91 % 1 cd/lm 1 White RLE 4x16 4000lm MP ADV2 OTD 60.0° / 84.0° 90 % 1 cd/lm 1	30. 30. 30.   30. 90. 90.   90. 90. 90.
stoul SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>TRIDONIC</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	62.0° / 84.0° 91 % 1 cd/lm 1 White RLE 4x16 4000lm MP ADV2 OTD 60.0° / 84.0° 90 % 1 cd/lm	30. 30. 30.   30. 90. 90.   90. 90. 90.
stoul SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>TRIDONIC</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	62.0° / 84.0° 91 % 1 cd/lm 1 White RLE 4x16 4000lm MP ADV2 OTD 60.0° / 84.0° 90 % 1 cd/lm 1	30. 30. 30.   30. 90. 90.   90. 90. 90.
stoul SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>TRIDONIC</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	62.0° / 84.0° 91 % 1 cd/lm 1 White RLE 4x16 4000lm MP ADV2 OTD 60.0° / 84.0° 90 % 1 cd/lm 1	30. 30. 30.   30. 90. 90.   90. 90. 90.
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>TRIDONIC</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	62.0° / 84.0° 91 % 1 cd/lm 1 White RLE 4x16 4000lm MP ADV2 OTD 60.0° / 84.0° 90 % 1 cd/lm 1	39* 39* 39*   39* 30* 6*



#### **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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