

STRADELLA-IP-64-HB-S

~30° spot beam.

SPECIFICATION:

Dimensions	74.0 x 253.0 mm
Height	9.2 mm
Fastening	screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes 🛈



MATERIALS:

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

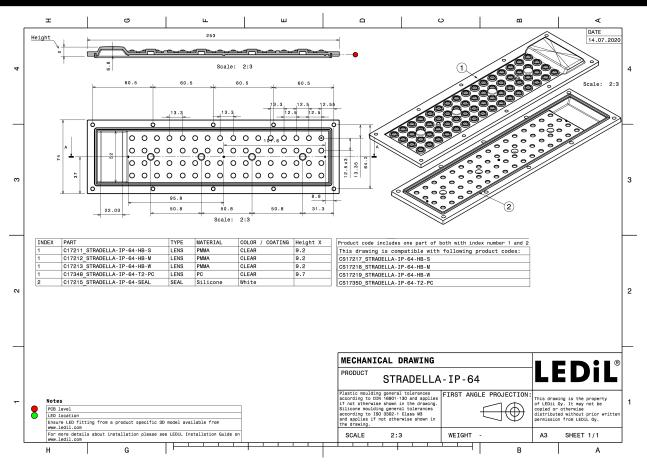
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS17217_STRADELLA-IP-64-HB-S	Multi-lens	108	108	36	9.1
» Box size: 476 x 273 x 247 mm					

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



OPTICAL RESULTS (MEASURED):

ELECTRID LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	EHP-223.5x50-1604-xx-70-LS30-06-NTC 29.0° / 58.0° 95 % 2.5 cd/lm 1 White ents:	22, 6, 12, 24, 26, 160, 16
Vour solu LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	RecLED 223x50mm 4200lm 8x0 4x16 Opt G1 31.0° / 63.0° 96 % 2.2 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
OSRAN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	PrevaLED Brick MP 4x16 32.0° / 62.0° 95 % 2.2 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20



OPTICAL RESULTS (SIMULATED):

		90° 90°
LED	J Series 3030	
FWHM / FWTM	34.0° / 64.0°	75* 75*
Efficiency	90 %	
Peak intensity	2 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	er
Required components:	white	
		1670
		30° 30° 30°
	05	90*
LED	LUXEON 3030 HE Plus	
FWHM / FWTM	34.0° / 66.0°	23*
Efficiency	90 %	
Peak intensity	2 cd/lm	69 00 01
LEDs/each optic	1	
Light colour	White	er let
Required components:		
		1630
		30° 30°
		12 ^a 0 ^b 72 ^a 36 ^c
OSRAM Onto Semiconductors		30° 20° 20° 20° 20° 20° 20° 20° 20° 20° 2
Opto Semiconductors	Duris E 2835	90° 10° 10° 20°
Opto Semiconductors	Duris E 2835 32.0° / 64.0°	39* 30* 30* 39* 90* 30*
Opto Semiconductors LED FWHM / FWTM	32.0° / 64.0°	39* 39* 39* 39* 39* 39*
opto Semiconductors LED FWHM / FWTM Efficiency	32.0° / 64.0° 92 %	30* 30* 30* 30* 30* 30* 30* 30* 30*
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	32.0° / 64.0° 92 % 2.2 cd/lm	64 - 25 - 64 - 25 - 26 - 27 - 26 - 27 - 26 - 27 - 26 - 27 - 27
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	32.0° / 64.0° 92 % 2.2 cd/lm 1	42. 90. 90. 12. 0. 12. 30. 12. 30.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	32.0° / 64.0° 92 % 2.2 cd/lm	62. 63. 90. 90. 90. 90. 90. 90. 90. 90
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	32.0° / 64.0° 92 % 2.2 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	32.0° / 64.0° 92 % 2.2 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	32.0° / 64.0° 92 % 2.2 cd/lm 1	500
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	32.0° / 64.0° 92 % 2.2 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	32.0° / 64.0° 92 % 2.2 cd/lm 1	200
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour Required components:	32.0° / 64.0° 92 % 2.2 cd/lm 1 White	94 ⁻ 94 ⁺ 94 ⁺
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED	32.0° / 64.0° 92 % 2.2 cd/lm 1 White Duris S5 (Single chip)	200 Jan 200 Ja
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	32.0° / 64.0° 92 % 2.2 cd/lm 1 White	30 ⁴ 30 ⁴ 30 ⁴ 30 ⁴ 30 ⁴
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	32.0° / 64.0° 92 % 2.2 cd/lm 1 White Duris S5 (Single chip) 30.0° / 63.0° 92 %	94 ⁻ 94 ⁺ 94 ⁺
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	32.0° / 64.0° 92 % 2.2 cd/lm 1 White Duris S5 (Single chip) 30.0° / 63.0°	30 ⁴ 30 ⁴ 30 ⁴ 30 ⁵ 30 ⁴ 30 ⁴ 3
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	32.0° / 64.0° 92 % 2.2 cd/lm 1 White Duris S5 (Single chip) 30.0° / 63.0° 92 % 2.4 cd/lm 1	30 ⁴ 30 ⁴ 30 ⁴ 30 ⁴ 30 ⁴
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	32.0° / 64.0° 92 % 2.2 cd/lm 1 White Duris S5 (Single chip) 30.0° / 63.0° 92 % 2.4 cd/lm	200 200 200 200 200 200 200 200
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	32.0° / 64.0° 92 % 2.2 cd/lm 1 White Duris S5 (Single chip) 30.0° / 63.0° 92 % 2.4 cd/lm 1	22 24 25 25 25 25 25 25 25 25 25 25
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	32.0° / 64.0° 92 % 2.2 cd/lm 1 White Duris S5 (Single chip) 30.0° / 63.0° 92 % 2.4 cd/lm 1	21 00 00 00 00 00 00 00 00 00 0
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	32.0° / 64.0° 92 % 2.2 cd/lm 1 White Duris S5 (Single chip) 30.0° / 63.0° 92 % 2.4 cd/lm 1	22 24 25 25 25 25 25 25 25 25 25 25



OPTICAL RESULTS (SIMULATED):

PHILIPS		90° 90°
LED	Fortimo FastFlex LED 4x16 DHE G4	
FWHM / FWTM	34.0° / 64.0°	75'
Efficiency	91 %	
Peak intensity	2.1 cd/lm	60°
LEDs/each optic	1	
Light colour	White	a7* a7*
Required components:		
		1630
		30
		15% 0% 15%
SAMSUN	IG	90* 90*
LED	HiLOM RM64 (LM301B)	
FWHM / FWTM	34.0° / 66.0°	
Efficiency	91 %	60° 60°
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour	White	43× 43×
Required components:		
		1639
		30°
0.0.0.0.0.0.0		155° 0° 35°
SAMSUN	119	90* 90*
		90* 90*
LED	LM301B	30°
LED	LM301B	
LED FWHM / FWTM Efficiency Peak intensity	LM301B 34.0° / 66.0°	0, 00 - 00 32 35 90 90 90 90 90 90
LED FWHM / FWTM Efficiency	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm	99 ¹ 000 00 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1	29° - 29° - 29°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1	5°. (9°. (9°. (9°.) (9°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1	5°. (9°. (9°. (9°.) (9°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1	5°. (9°. (9°. (9°.) (9°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1 White	5°. (9°. (9°. (9°.) (9°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1 White	5 ⁵ 800 80 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1 White	5°. (9°. (9°. (9°.) (9°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1 White	5°. (9°. (9°. (9°.) (9°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1 White LM301B 33.0° / 65.0° 93 %	55 69 69 60 60 60 60 60 60 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1 White LM301B 33.0° / 65.0° 93 % 2.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1 White LM301B 33.0° / 65.0° 93 % 2.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1 White LM301B 33.0° / 65.0° 93 % 2.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 34.0° / 66.0° 91 % 2.1 cd/lm 1 White LM301B 33.0° / 65.0° 93 % 2.2 cd/lm 1	



OPTICAL RESULTS (SIMULATED):

seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SEOUL 3030 34.0° / 66.0° 93 % 2.1 cd/lm 1 White	9* 70 60 er 500
SEOL		34 4 35 4 35 3
SEOUL SEMICONDUCTOR		90* 90
LED	SEOUL DC 3528	75
FWHM / FWTM	35.0° / 68.0°	400
Efficiency	92 %	605
Peak intensity	1.9 cd/lm	
LEDs/each optic	1	
Light colour Required components:		500 34 ⁴ 20 20 30 30 30 30 30 30 30 30 30 30 30 30 30
TRIDONI	C	90* 90
LED	RLE 4x16 4000lm MP ADV2 OTD	
FWHM / FWTM	34.0° / 66.0°	23*
Efficiency	91 %	601
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour	White	90°
Required components:		360 90° 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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