

PRODUCT DATASHEET CS16329_STRADELLA-IP-28-HB-M-PC

STRADELLA-IP-28-HB-M-PC

~65° medium beam. Variant made from PC.

SPECIFICATION:

Dimensions	100.0 x 100.0 mm
Height	9.5 mm
Fastening	pin, screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes 🛈



MATERIALS:

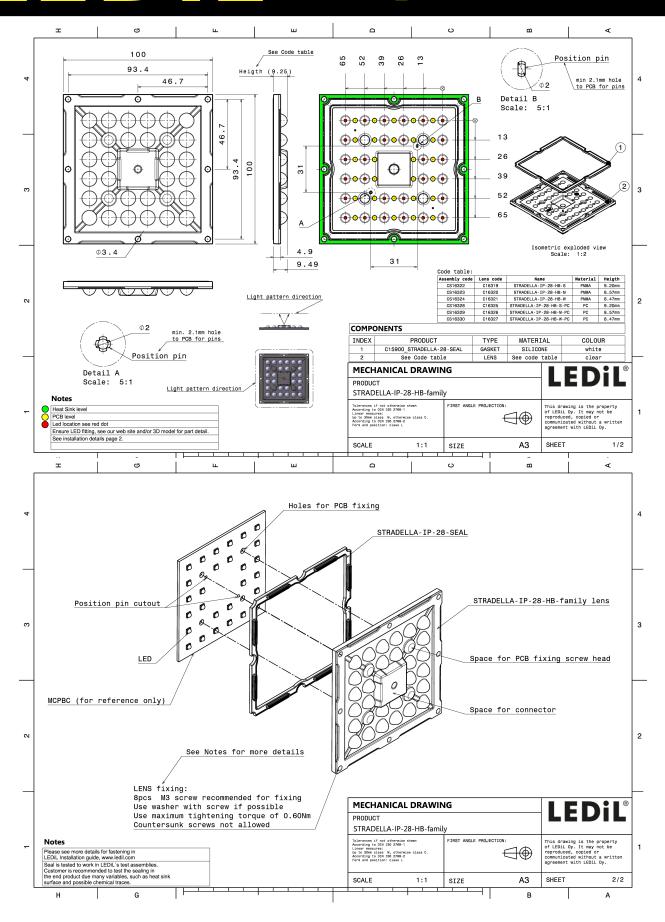
Component	Туре	Material	Colour	Finish
STRADELLA-IP-28-HB-M-PC	Multi-lens	PC	clear	
STRADELLA-28-SEAL	Seal	Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16329_STRADELLA-IP-28-HB-M-PC	Multi-lens	156	78	78	5.9
» Box size: 476 x 273 x 247 mm					

Last update: 18/08/2023Subject to change without prior noticePublished: 06/11/2018LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.1/11

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



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HiQLED STR28 CR JE2835 4x7 xxx 48.0° / 108.0° 89 % 0.8 cd/lm 1 White ints:	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HiQLED STR28 CR JK3030 4x7 xxx 46.0° / 105.0° 88 % 0.8 cd/lm 1 White ints:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	QUICK FLUX STR28 XD2x14 xxx G8 58.0° / 119.0° 88 % 0.6 cd/lm 1 White ints:	200 - 27' - 27' 57' - 400
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	QUICK FLUX STR28 XP2x14 xxx G7 59.0° / 119.0° 90 % 0.6 cd/lm 1 White Ints:	



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	QUICK FLUX STR28 XT2x14 xxx G5 58.0° / 121.0° 91 % 0.7 cd/lm 1 White ints:	
CREE S LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	J Series 2835 48.0° / 108.0° 89 % 0.8 cd/lm 1 White ints:	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	J Series 3030 51.0° / 114.0° 92 % 0.8 cd/lm 1 White ints:	
CREE S LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	J Series 3030 46.0° / 105.0° 88 % 0.8 cd/lm 1 White mts:	



CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	XD16 58.0° / 119.0° 88 % 0.6 cd/lm 1 White nts:	
CREE Constructions LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	XP-G3 59.0° / 119.0° 90 % 0.6 cd/lm 1 White nts:	
CREE CEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	XT-E 58.0° / 121.0° 91 % 0.7 cd/lm 1 White nts:	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	OSCONIQ S 3030 (QSLR31) 50.0° / 113.0° 92 % 0.8 cd/lm 1 White nts:	



OSRAM opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone		
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HiLOM SC28 (LH181B) 46.0° / 102.0° 87 % 0.8 cd/lm 1 White	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HiLOM SM28 (LM301B) 48.0° / 108.0° 89 % 0.8 cd/lm 1 White	



		90 ⁴ 90 ⁴
LED	XP-G2 HE	
FWHM / FWTM	66.0° / 122.0°	75°
Efficiency	91 %	
Peak intensity	0.6 cd/lm	60°
LEDs/each optic	1	gr
Light colour	White	400
Required components:		
		640
		30° 30° 30°
)S	50° 50°
LED	LUXEON 3030 2D (Round LES)	
FWHM / FWTM	53.0° / 112.0°	75* 75*
Efficiency	89 %	
Peak intensity	0.9 cd/lm	60* 60°
LEDs/each optic	1	400
Light colour	White	42*
Required components:		
		30° 30° 30° 30°
Ø NICHIΛ		90° 90°
	NF2x757G	
	NF2x757G 57.0° / 114.0°	34 39 99 97
LED		
LED FWHM / FWTM Efficiency	57.0° / 114.0°	
LED FWHM / FWTM Efficiency Peak intensity	57.0° / 114.0° 94 %	
LED FWHM / FWTM Efficiency	57.0° / 114.0° 94 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	57.0° / 114.0° 94 % 0.8 cd/lm 1	73° 66° 66°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	57.0° / 114.0° 94 % 0.8 cd/lm 1	73° 66° 66°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	57.0° / 114.0° 94 % 0.8 cd/lm 1	73° 66° 66°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	57.0° / 114.0° 94 % 0.8 cd/lm 1	73° 66° 66°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0° / 114.0° 94 % 0.8 cd/lm 1	75 66 97 67 67 67 67 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	57.0° / 114.0° 94 % 0.8 cd/lm 1	97
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0° / 114.0° 94 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0° / 114.0° 94 % 0.8 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0° / 114.0° 94 % 0.8 cd/lm 1 White	30. 30. 30. 30. 60. 60. 60. 60. 60. 60. 60. 60.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0° / 114.0° 94 % 0.8 cd/lm 1 White NVSxE21A 55.0° / 111.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0° / 114.0° 94 % 0.8 cd/lm 1 White NVSxE21A 55.0° / 111.0° 89 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0° / 114.0° 94 % 0.8 cd/lm 1 White NVSxE21A 55.0° / 111.0° 89 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0° / 114.0° 94 % 0.8 cd/lm 1 White NVSxE21A 55.0° / 111.0° 89 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	57.0° / 114.0° 94 % 0.8 cd/lm 1 White NVSxE21A 55.0° / 111.0° 89 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0° / 114.0° 94 % 0.8 cd/lm 1 White NVSxE21A 55.0° / 111.0° 89 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	57.0° / 114.0° 94 % 0.8 cd/lm 1 White NVSxE21A 55.0° / 111.0° 89 % 0.8 cd/lm 1	



ΜΝΙCΗΙΛ		90* 90
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	73.0° / 122.0°	73*
Efficiency	95 %	200
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	93° a
Required components:		400
		30° 30
		13° 0° 15°
OSRAM Opto Semiconductors		90° 90'
LED	Duris S8	75
FWHM / FWTM	58.0° / 104.0°	75* 75
Efficiency	86 %	200 60 ⁴ 60
Peak intensity	0.8 cd/lm	$f \times f \to X$
LEDs/each optic	1	400
Light colour	White	57 65
Required components:		
		300 000 300
OSPAM		(13 ⁵ 0 ⁶ 35°
OSRAM Opto Semiconductors		99 ¹
Opto Semiconductors	OSCONIQ C 2424	
^{Opto Semiconductors} LED FWHM / FWTM	60.0° / 114.0°	
opto Semiconductors LED FWHM / FWTM Efficiency	60.0° / 114.0° 92 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	60.0° / 114.0° 92 % 0.7 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	60.0° / 114.0° 92 % 0.7 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	60.0° / 114.0° 92 % 0.7 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	60.0° / 114.0° 92 % 0.7 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	60.0° / 114.0° 92 % 0.7 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	60.0° / 114.0° 92 % 0.7 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	60.0° / 114.0° 92 % 0.7 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	60.0° / 114.0° 92 % 0.7 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	60.0° / 114.0° 92 % 0.7 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSERAM Opto Semiconductors LED	60.0° / 114.0° 92 % 0.7 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	60.0° / 114.0° 92 % 0.7 cd/lm 1 White OSCONIQ P 3030 50.0° / 113.0°	
orto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Peak Opto Semiconductors LED FWHM / FWTM Efficiency	60.0° / 114.0° 92 % 0.7 cd/lm 1 White OSCONIQ P 3030 50.0° / 113.0° 95 %	
orto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	60.0° / 114.0° 92 % 0.7 cd/lm 1 White OSCONIQ P 3030 50.0° / 113.0° 95 % 0.9 cd/lm	
orto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	60.0° / 114.0° 92 % 0.7 cd/lm 1 White OSCONIQ P 3030 50.0° / 113.0° 95 % 0.9 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	60.0° / 114.0° 92 % 0.7 cd/lm 1 White OSCONIQ P 3030 50.0° / 113.0° 95 % 0.9 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	60.0° / 114.0° 92 % 0.7 cd/lm 1 White OSCONIQ P 3030 50.0° / 113.0° 95 % 0.9 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	60.0° / 114.0° 92 % 0.7 cd/lm 1 White OSCONIQ P 3030 50.0° / 113.0° 95 % 0.9 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	60.0° / 114.0° 92 % 0.7 cd/lm 1 White OSCONIQ P 3030 50.0° / 113.0° 95 % 0.9 cd/lm 1	



OSRAM Opto Semiconductors		90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ P 3737 (2W version) 56.0° / 113.0° 90 % 0.8 cd/lm 1 White	20 20 30 30 30 50 50 50 50 50 50 50 50 50 5
SAMSUN		50°
	LH351C	75. 73.
FWHM / FWTM Efficiency	70.0° / 114.0° 93 %	
Peak intensity	93 % 0.7 cd/lm	60°
LEDs/each optic	1	
Light colour	White	97 ² 400 47°
Required components:		
		30° 0° 32° 0°
SEOUL SEOUL SEMICONDUCTOR		90* 90*
LED	SEOUL 3030	
FWHM / FWTM	58.0° / 114.0°	13.
Efficiency	92 %	- 200
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	gr er
Required components:		50° 50° 50° 50°
		90° 90°
seoul semiconductor	SEOUL DC 3030C	
FWHM / FWTM	59.0° / 116.0°	75
Efficiency	93 %	200
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	æ / / æ
Required components:		30 ⁴ 20 ⁵ 80 20 ⁵ 30 ⁶



SEOUL SEOUL SEMICONDUCTOR		90* 90
LED	Z5M1/Z5M2	
FWHM / FWTM	63.0° / 116.0°	75°
Efficiency	92 %	- 200
Peak intensity	0.7 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	aze 400 aze
Required components:		
- 1 1		
		600
		30° 30° 30°
SEOUL		90°
SEOUL SEMICONDUCTOR	70/40	
LED FWHM / FWTM	Z8Y19	75'
	73.0° / 115.0°	
Efficiency	88 % 0.6 cd/lm	60°
Peak intensity		$1 \times \sqrt{1 + \sqrt{2}} \times 1$
LEDs/each optic	1 White	
Light colour	white	
Required components:		
		30° 36° 36°
SEOUL		
SEOUL SEMICONDUCTOR		90° 90°
LED	Z8Y22	75"
FWHM / FWTM	71.0° / 121.0°	
Efficiency	89 %	60° 60°
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	400 - 400 - 400
Required components:		
		- Charles - Char
		30°
		15° 0° 35°



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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LEDiL Oy

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