

STRADELLA-IP-28-HB-M

~65° medium beam. Variant made from PMMA.

TECHNICAL SPECIFICATIONS:

Dimensions 100.0 mm Height Fastening ROHS compliant

9.5 mm pin, screw yes 🛈

MATERIAL SPECIFICATIONS:

Component STRADELLA-IP-28-HB-M STRADELLA-28-SEAL

Туре Multi-lens Seal



LEDil

Material Colour PMMA clear Silicone white

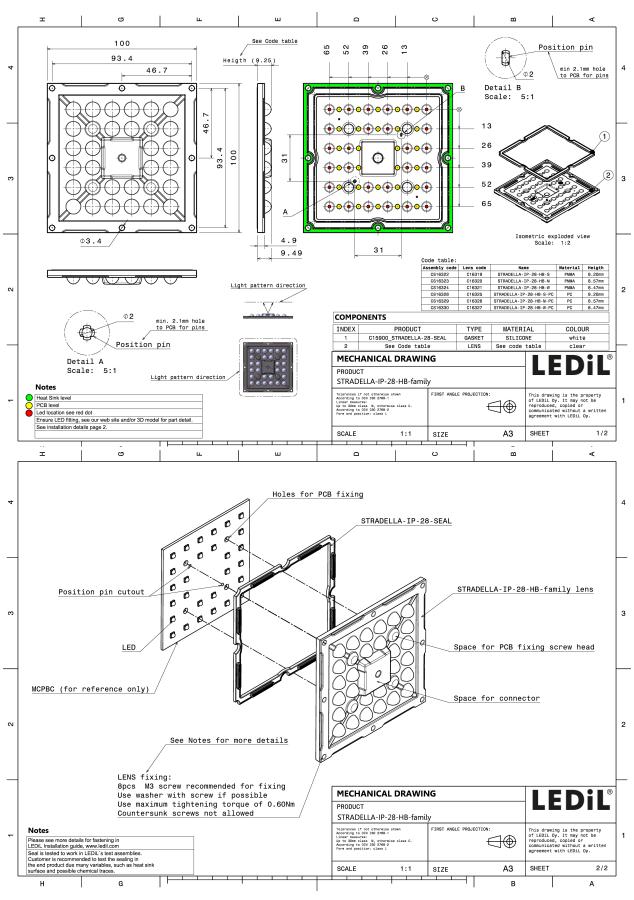
Finish

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16323_STRADELLA-IP-28-HB-M	Multi-lens	156	78	78	5.8

» Box size: 476 x 273 x 247 mm

PRODUCT DATASHEET S16323_STRADELLA-IP-28-HB-M



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Published: 06/11/2018



LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	
EED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	



LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	94 ⁴ 75 ⁵ 6 ⁴ 6 ⁴ 7 ⁵ 8 ⁴ 8 ⁴ 8 ⁴ 8 ⁴ 8 ⁴ 8 ⁴ 8 ⁴ 8 ⁴
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	J Series 2835 56.0° 92 % 0.7 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	J Series 3030 55.0° 92 % 0.7 cd/lm 1 White	91 ⁴ 92 ⁴ 92 ⁴ 93 ⁴ 94 ⁴ 9
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	XD16 71.0° 92 % 0.5 cd/lm 1 White	25° 00 15° 90° 90° 90° 90° 90° 90° 90° 90° 90° 90



CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	XP-G3 71.0° 94 % 0.6 cd/lm 1 White	91 ⁴ 92 ⁵ 91 ⁴ 92 ⁵ 91 ⁴ 90 91 ⁴ 92 ⁵ 91 ⁴ 91 ⁵ 91 ⁴ 91 ⁴ 91 ⁵ 91 ⁴ 91
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	XT-E 70.0° 94 % 0.6 cd/lm 1 White	91 ⁴ 97 75 ⁴ 75 ⁴ 61 ⁴ 25 ⁶ 6 ⁴ 75 ⁴ 6 ⁴
EFWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NF2W585AR 67.0° 93 % 0.6 cd/lm 1 White	34' 91' 30' 91' 30' 00' 40'
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NF2W585AR 68.0° 93 % 0.6 cd/lm 1 White	20 10 10 10 10 10 10 10 10 10 10 10 10 10

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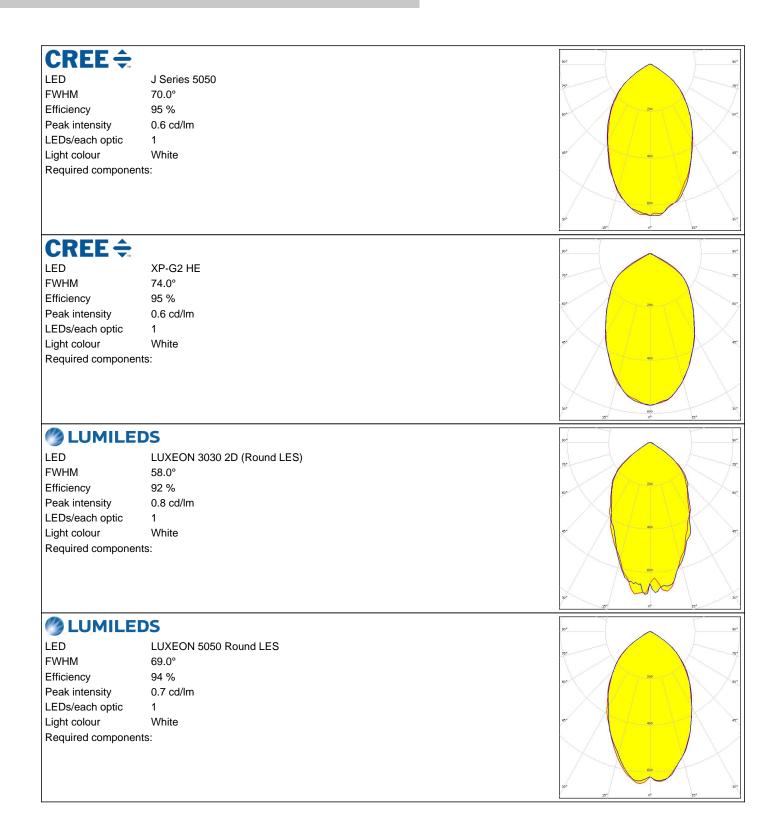


NICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW219F 69.0° 94 % 0.6 cd/lm 1 White	30° 30° 40° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3
WICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW319B 74.0° 94 % 0.6 cd/lm 1 White	24° 12° 660 12° 22° 59° 60° 52° 22° 60° 50° 60° 12° 22°
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	
Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	



SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	HiLOM SC28 (LH181B) 57.0° 91 % 0.7 cd/lm 1 White	
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	HiLOM SM28 (LM301B) 58.0° 93 % 0.7 cd/lm 1 White	
seous semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	





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LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 5050 Square LES 70.0° 95 % 0.7 cd/lm 1 White	
Ø ΝΙCΗΙΛ		50°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	NF2x757G 63.0° 94 % 0.7 cd/lm 1 White ts:	20 20 20 20 20 20 20 20 20 20
A		134 dq 152
NICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	NF2x757G 63.0° 94 % 0.7 cd/lm 1 White ts:	
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	NVSxE21A 58.0° 92 % 0.7 cd/lm 1 White ts:	20, 20, 20, 20, 20, 20, 20, 20, 20, 20,



Μ ΝΙCΗΙΛ		50° 50°
LED	NVSxx19B/NVSxx19C	
FWHM	73.0°	75* 75*
Efficiency	95 %	
	95 % 0.6 cd/lm	60°
Peak intensity		
LEDs/each optic	1	
Light colour	White	Z / /
Required component	S:	
		304
OSRAM Opto Semiconductors		
		90* 90*
LED	Duris S5 (2 chip)	75
FWHM	64.0°	
Efficiency	94 %	50° 60°
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour	White	45° 460 47°
Required component	s:	
		30%
OSRAM Opto Semiconductors		90 ⁴ 90 ⁴ 90 ⁴
OSRAM Opto Semiconductors LED	Duris S8	99 ⁴ 99 ⁴
LED	Duris S8 67.0°	37. 39. 90. 201 201 201 201 201 201 201 201 201 201
LED FWHM	67.0°	200 200 200 200 200
LED FWHM Efficiency	67.0° 94 %	64
LED FWHM Efficiency Peak intensity	67.0° 94 % 0.7 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic	67.0° 94 % 0.7 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	67.0° 94 % 0.7 cd/lm 1 White	2. 400 62. 30. 200 60. 30. 200 60.
LED FWHM Efficiency Peak intensity LEDs/each optic	67.0° 94 % 0.7 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	67.0° 94 % 0.7 cd/lm 1 White	57 0 ² 13 ²
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	67.0° 94 % 0.7 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	67.0° 94 % 0.7 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	67.0° 94 % 0.7 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	67.0° 94 % 0.7 cd/lm 1 White s:	304 304 304 304 304 304 304 304 304 304 304 304 304 304
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	67.0° 94 % 0.7 cd/lm 1 White :s:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	67.0° 94 % 0.7 cd/lm 1 White :s: OSCONIQ P 3030 56.0°	99 ⁴ 99 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component Opto Semiconductors LED FWHM Efficiency	67.0° 94 % 0.7 cd/lm 1 White :s: OSCONIQ P 3030 56.0° 96 %	99 ⁴ 99 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component Opto Semiconductors LED FWHM Efficiency Peak intensity	67.0° 94 % 0.7 cd/lm 1 White is: OSCONIQ P 3030 56.0° 96 % 0.8 cd/lm	99 ⁴ 99 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic	67.0° 94 % 0.7 cd/lm 1 White SS: OSCONIQ P 3030 56.0° 96 % 0.8 cd/lm 1	99 ⁴ 99 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	67.0° 94 % 0.7 cd/lm 1 White is: OSCONIQ P 3030 56.0° 96 % 0.8 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic	67.0° 94 % 0.7 cd/lm 1 White is: OSCONIQ P 3030 56.0° 96 % 0.8 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	67.0° 94 % 0.7 cd/lm 1 White is: OSCONIQ P 3030 56.0° 96 % 0.8 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	67.0° 94 % 0.7 cd/lm 1 White is: OSCONIQ P 3030 56.0° 96 % 0.8 cd/lm 1 White	



OSRAM Opto Semiconductors		95 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	OSCONIQ P 3737 (2W version) 68.0° 94 % 0.7 cd/lm 1 White	21 ⁴ 22 ⁴ 6 ⁴ 22 ⁴ 20 21 ⁴ 20 21 ⁴ 20 20 20 20 20 20 20 20 20 20
OSRAM Opto Semiconductors		20 ⁴ 20
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	OSLON Square CSSRM2/CSSRM3 68.0° 93 % 0.6 cd/lm 1 White hts:	
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LH181B 65.0° 94 % 0.7 cd/lm 1 White	
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LH351B 71.0° 94 % 0.7 cd/lm 1 White	



SAMSU	NG	90° 90°
LED	LH351C	75' 75'
FWHM	75.0°	
Efficiency	94 %	60° 60°
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	43° 400 43°
Required componen	ts:	
		30. 3.
0.0.0.0.0.0.0		15 ⁶ 0 ⁶ 15 ⁵
SAMSU	VG	90° 90°
LED	LM28xB Series	
FWHM	66.0°	
Efficiency	94 %	50° 200
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	97* 400 47*
Required componen	ts:	
		en la
		30. 30.
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.0.0.0.0.0.0		
SAMSU	VG	20 V 20
	NG LM301B	90 ⁴ 9 ⁴
LED	LM301B	
LED FWHM	LM301B 63.0°	
LED FWHM Efficiency	LM301B 63.0° 94 %	
LED FWHM Efficiency Peak intensity	LM301B 63.0° 94 % 0.7 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic	LM301B 63.0° 94 % 0.7 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 63.0° 94 % 0.7 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 63.0° 94 % 0.7 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 63.0° 94 % 0.7 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LM301B 63.0° 94 % 0.7 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 63.0° 94 % 0.7 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LM301B 63.0° 94 % 0.7 cd/lm 1 White tts: SEOUL 3030	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LM301B 63.0° 94 % 0.7 cd/lm 1 White tts:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	LM301B 63.0° 94 % 0.7 cd/lm 1 White tts: SEOUL 3030	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen seous semiconductor LED FWHM Efficiency	LM301B 63.0° 94 % 0.7 cd/lm 1 White Its: SEOUL 3030 69.0°	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen secure componen SECURE SECURE ED FWHM Efficiency Peak intensity	LM301B 63.0° 94 % 0.7 cd/lm 1 White tts: SEOUL 3030 69.0° 95 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen stout semiconductor LED FWHM	LM301B 63.0° 94 % 0.7 cd/lm 1 White its: SEOUL 3030 69.0° 95 % 0.6 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen stous semiconoucror LED FWHM Efficiency Peak intensity LEDs/each optic	LM301B 63.0° 94 % 0.7 cd/lm 1 White tts: SEOUL 3030 69.0° 95 % 0.6 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen secul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 63.0° 94 % 0.7 cd/lm 1 White tts: SEOUL 3030 69.0° 95 % 0.6 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen storus stemiconoucror LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 63.0° 94 % 0.7 cd/lm 1 White tts: SEOUL 3030 69.0° 95 % 0.6 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen secul semicomoucror LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LM301B 63.0° 94 % 0.7 cd/lm 1 White tts: SEOUL 3030 69.0° 95 % 0.6 cd/lm 1 White	



seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	SEOUL DC 3030 68.0° 96 % 0.6 cd/lm 1 White ts:	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
stout sentconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	SEOUL DC 5050 6V 69.0° 94 % 0.7 cd/lm 1 White Is:	200 200 200 200 200 200 200 200
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	Z5M1/Z5M2 70.0° 94 % 0.6 cd/lm 1 White ts:	20 20 20 20 20 20 20 20 20 20
stoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	Z8Y19 65.0° 94 % 0.7 cd/lm 1 White ts:	



SEQUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Z8Y22 76.0° 92 % 0.6 cd/lm 1 White ts:	200 00° 21° 200 00° 0° 0° 10° 10° 10° 10° 10° 10
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componen	Z8Y22T 69.0° 94 % 0.6 cd/lm 1 White ts:	30,4 60,4 62,4 90,4 61,4 60,6 60,4 60,4 62,4 700 60,4 60,4 53,4 700 60,4 60,4 53,4 700 60,4 60,4 53,4 700 60,4 60,4 50,4 700 60,4 60,4



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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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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LEDiL Oy

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