

PRODUCT DATASHEET CS16330_STRADELLA-IP-28-HB-W-PC

STRADELLA-IP-28-HB-W-PC

~90° wide 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:

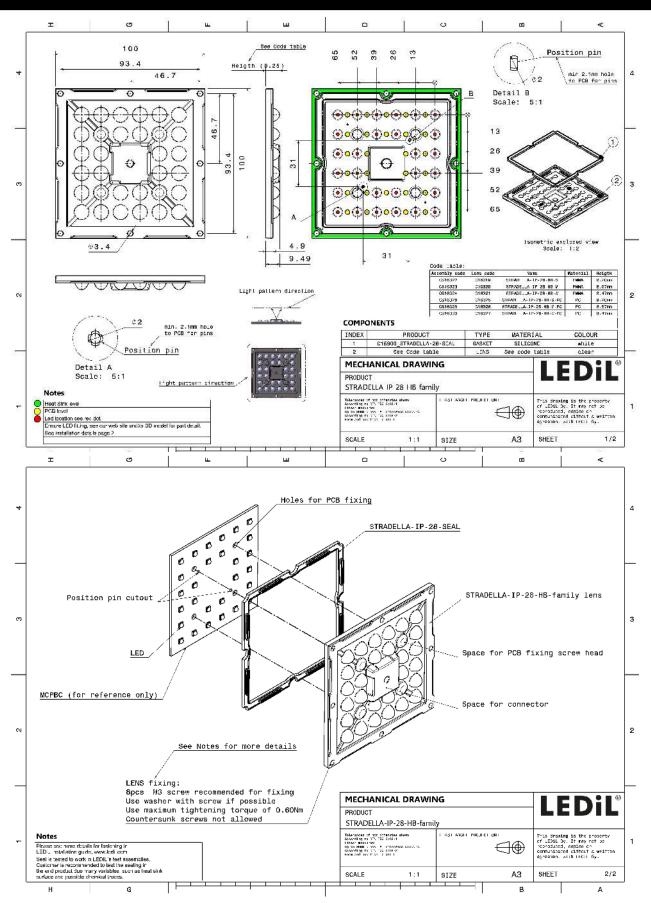
Component	Туре	Material	Colour	Finish
STRADELLA-IP-28-HB-W-PC	Multi-lens	PC	clear	
STRADELLA-28-SEAL	Seal	Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16330_STRADELLA-IP-28-HB-W-PC	Multi-lens	156	78	78	5.9
» Box size: 476 x 273 x 247 mm					

Last update: 04/04/2023Subject 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

PRODUCT DATASHEET CS16330_STRADELLA-IP-28-HB-W-PC



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



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	HiQLED STR28 CR JE2835 4x7 xxx 72.0° / 115.0° 90 % 0.6 cd/lm 1 White tts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	HiQLED STR28 CR JK3030 4x7 xxx 73.0° / 113.0° 89 % 0.6 cd/lm 1 White its:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	QUICK FLUX STR28 XD2x14 xxx G8 82.0° / 126.0° 88 % 0.5 cd/lm 1 White tts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	QUICK FLUX STR28 XT2x14 xxx G5 83.0° / 126.0° 90 % 0.5 cd/lm 1 White tts:	



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	QUICK FLUX STR28 XT2x14 xxx G5 78.0° / 128.0° 92 % 0.5 cd/lm 1 White tts:	
CREE LED	J Series 2835 72.0° / 115.0° 90 % 0.6 cd/lm 1 White	
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	J Series 3030 73.0° / 113.0° 89 % 0.6 cd/lm 1 White	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	J Series 3030 73.0° / 119.0° 93 % 0.6 cd/lm 1 White	



LED	XD16	
FWHM / FWTM	82.0° / 126.0°	
Efficiency	88 %	er for an
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	Carlos Andrewski (* 1965)
Required compone	ents:	
		2" 10" 10" W
	D	12
LED	XP-G3	
FWHM / FWTM	83.0° / 126.0°	
Efficiency	90 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
	D	£.v
LED	XT-E	
FWHM / FWTM	86.0° / 128.0°	
Efficiency	92 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	v / / / v
Required compone	ents:	
		*
OSRAM		
Opto Semiconductors		
	OSCONIQ S 3030 (QSLR31)	n
FWHM / FWTM	73.0° / 119.0°	
Efficiency	92 %	
Peak intensity LEDs/each optic	0.6 cd/lm 1	
LEDS/each oplic	White	
Required compone		
	51110.	



OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON Square CSSRM2/CSSRM3 73.0° / 121.0° 91 % 0.6 cd/lm 1 White ents:	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HiLOM SC28 (LH181B) 74.0° / 113.0° 88 % 0.6 cd/lm 1 White	
SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	HiLOM SM28 (LM301B) 73.0° / 115.0° 90 % 0.6 cd/lm 1 White	



LED	XP-G2 HE	
FWHM / FWTM	92.0° / 126.0°	#
Efficiency	91 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
	DS	er 💊 💌
LED	LUXEON 3030 2D (Round LES)	
FWHM / FWTM	76.0° / 118.0°	
Efficiency	89 %	
Peak intensity	0.6 cd/lm	1 / / · · · · · · · · · · · · · · · · ·
LEDs/each optic	1	
Light colour	White	
Required components:		
		10 ⁵ 40 10'
ØΝΙCΗΙΛ		
	NF2x757G	
	NF2x757G 82.0° / 122.0°	
LED FWHM / FWTM		
LED FWHM / FWTM Efficiency	82.0° / 122.0° 94 %	
LED FWHM / FWTM Efficiency Peak intensity	82.0° / 122.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	82.0° / 122.0° 94 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	82.0° / 122.0° 94 % 0.5 cd/lm 1	12 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	82.0° / 122.0° 94 % 0.5 cd/lm 1	12 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	82.0° / 122.0° 94 % 0.5 cd/lm 1	12 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	82.0° / 122.0° 94 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	82.0° / 122.0° 94 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	82.0° / 122.0° 94 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	82.0° / 122.0° 94 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	82.0° / 122.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	82.0° / 122.0° 94 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	82.0° / 122.0° 94 % 0.5 cd/lm 1 White NVSxE21A 83.0° / 118.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	82.0° / 122.0° 94 % 0.5 cd/lm 1 White NVSxE21A 83.0° / 118.0° 89 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	82.0° / 122.0° 94 % 0.5 cd/lm 1 White NVSxE21A 83.0° / 118.0° 89 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	82.0° / 122.0° 94 % 0.5 cd/lm 1 White NVSxE21A 83.0° / 118.0° 89 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	82.0° / 122.0° 94 % 0.5 cd/lm 1 White NVSxE21A 83.0° / 118.0° 89 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	82.0° / 122.0° 94 % 0.5 cd/lm 1 White NVSxE21A 83.0° / 118.0° 89 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	82.0° / 122.0° 94 % 0.5 cd/lm 1 White NVSxE21A 83.0° / 118.0° 89 % 0.5 cd/lm 1	



		
<i>MNICHIA</i>		
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	90.0° / 122.0°	#
Efficiency	91 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		$X \longrightarrow X$
		· · · · · · · · · · · · · · · · · · ·
OSRAM Opto Semiconductors		**
LED	Duris S8	
FWHM / FWTM	74.0° / 118.0°	
Efficiency	92 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
000414		
NCDAM		
Opto Semiconductors		
OSRAM Opto Semiconductors LED	OSCONIQ C 2424	
	OSCONIQ C 2424 86.0° / 120.0°	
LED		
LED FWHM / FWTM	86.0° / 120.0°	
LED FWHM / FWTM Efficiency	86.0° / 120.0° 92 %	
LED FWHM / FWTM Efficiency Peak intensity	86.0° / 120.0° 92 % 0.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	86.0° / 120.0° 92 % 0.5 cd/lm 1	17. 17. 10.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	86.0° / 120.0° 92 % 0.5 cd/lm 1	17. 17. 10.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	86.0° / 120.0° 92 % 0.5 cd/lm 1	17. 17. 19.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	86.0° / 120.0° 92 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	86.0° / 120.0° 92 % 0.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	86.0° / 120.0° 92 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	86.0° / 120.0° 92 % 0.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	86.0° / 120.0° 92 % 0.5 cd/lm 1 White OSCONIQ P 3030 76.0° / 120.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	86.0° / 120.0° 92 % 0.5 cd/lm 1 White OSCONIQ P 3030 76.0° / 120.0° 95 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	86.0° / 120.0° 92 % 0.5 cd/lm 1 White OSCONIQ P 3030 76.0° / 120.0° 95 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	86.0° / 120.0° 92 % 0.5 cd/lm 1 White OSCONIQ P 3030 76.0° / 120.0° 95 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	86.0° / 120.0° 92 % 0.5 cd/lm 1 White OSCONIQ P 3030 76.0° / 120.0° 95 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	86.0° / 120.0° 92 % 0.5 cd/lm 1 White OSCONIQ P 3030 76.0° / 120.0° 95 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	86.0° / 120.0° 92 % 0.5 cd/lm 1 White OSCONIQ P 3030 76.0° / 120.0° 95 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	86.0° / 120.0° 92 % 0.5 cd/lm 1 White OSCONIQ P 3030 76.0° / 120.0° 95 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Statemiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	86.0° / 120.0° 92 % 0.5 cd/lm 1 White OSCONIQ P 3030 76.0° / 120.0° 95 % 0.6 cd/lm 1	



SAMSUN	IG	E
LED	LH351C	
FWHM / FWTM	92.0° / 118.0°	
Efficiency	93 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
star		101 101 101 101 101 101 101 101 101 101
	SEOUL 3030	
FWHM / FWTM	85.0° / 121.0°	
Efficiency	92 % 0.5 cd/lm	pr /
Peak intensity		
LEDs/each optic	1	
Light colour	White	
Required components:		
		×
32012		1.7
SEOUL SEMICONDUCTOR	SEOUL DC 3030C	
FWHM / FWTM	86.0° / 122.0°	
Efficiency	93 %	
Peak intensity	0.5 cd/lm	··· / / / / / / / / / / / / / / / / / /
LEDs/each optic	1	
Light colour	White	
Required components:		
3003		1ª
SEOUL SEMICONDUCTOR	Z5M1/Z5M2	
FWHM / FWTM	88.0° / 121.0°	#
Efficiency	92 %	
Peak intensity	92 % 0.5 cd/lm	
LEDs/each optic	1	
Light colour	ı White	
Required components:	THIC	
- Imer componenter		



LED	Z8Y22	12 J
FWHM / FWTM	95.0° / 128.0°	25.
Efficiency	89 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required component	ts:	M.



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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDIL Inc. 228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy