

STRADELLA-8-HB-W

~90° wide beam for industrial applications

TECHNICAL SPECIFICATIONS:

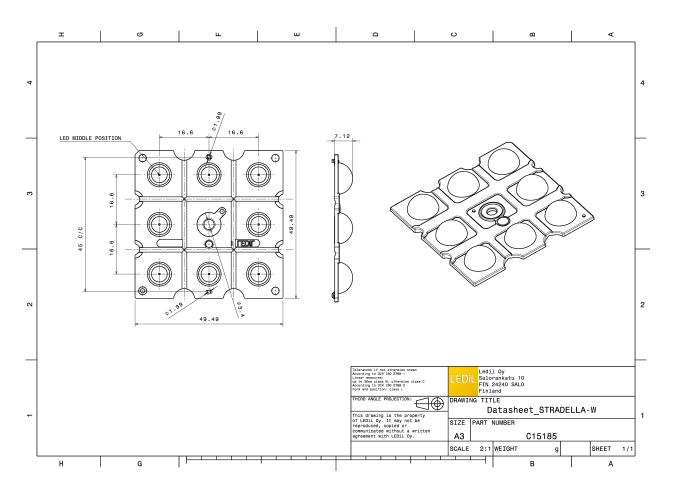
Dimensions	49.5 mm
Height	7.1 mm
Fastening	pin, screw
Colour	clear
Box size	
Box weight	6 kg
Quantity in Box	pcs
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component STRADELLA-8-HB-W **Type** Multi-lens **Material** PMMA Colour clear







PHOTOMETRIC DATA (MEASURED):

LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	90* 90° 75° 500 60° 60° 60° 60° 60° 60° 60°
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	XP-G3 97.0° 94 % 0.400 cd/lm 1 White	200 200 200 200 200 200 200 200
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	XT-E 91.0° 0 % 0.000 cd/lm 1 White	90° 90° 77° 500 60° 200 80° 80° 80° 80° 80° 80° 80° 80° 80° 8
EUMIL LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Undefined Man	LUXEON 3030 2D (Round LES) 87.0° 90 % 0.500 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20



PHOTOMETRIC DATA (MEASURED):

🥙 LUMIL	EDS	90*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	55 - 200 57 - 200 50 - 400
	EDS	25% 0 ⁶ 15 ⁵
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON V2 90.0° 94 % 0.450 cd/lm 1 White	55 50 50 50 50 50 50 50 50 50
ØNICHIA	l.	90*
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	24 24 24 25 26 25 25 25 25 25 25 25 25 25 25
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	594 735 64 50 50 50 50



PHOTOMETRIC DATA (MEASURED):

stoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	200 61 61 61 70 70 70 70 70 70 70 70 70 70 70 70 70



PHOTOMETRIC DATA (SIMULATED):

		()
LUMILEE LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI Required component	LUXEON 3535L HE 80.0° 94 % 0.540 cd/lm	30. 32. 0, 32. 30. 41. 00 42. 00 43. 00 50. 02 50. 02 50
ED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi Required component	LUXEON HR30 82.0° 93 % 0.530 cd/lm	20° 20° 20° 20° 20° 20° 20° 20°
LUMILEE LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi Required component	LUXEON TX 84.0° 92 % 0.460 cd/lm	20°
ED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI Required component	NCSxE17A 90.0° 94 % 0.420 cd/lm hite s:	200 200 200 200 200 200 200 200



PHOTOMETRIC DATA (SIMULATED):

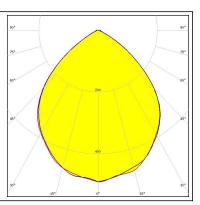
ΜΝΙCΗΙΛ		90° 90°
LED	NVSxE21A	
FWHM	90.0°	73*
Efficiency	94 %	
Peak intensity	0.430 cd/lm	60°
LEDs/each optic 1	0.400 00/111	200
	nite	45°
Required component		
		30° 36° 36°
		90° 90°
LED	NVSxx19B/NVSxx19C	
FWHM	95.0°	75' 75'
Efficiency	95.0° 91 %	100
	0.440 cd/lm	60* 60°
Peak intensity	0.440 Cu/im	
LEDs/each optic 1	site.	
-	nite	
Required component	S.	
		30° 30° 30°
OSRAM		90* 90*
OSRAM Opto Semiconductors	OSCONIC D 2727 (2)W version)	59 ⁴
LED	OSCONIQ P 3737 (2W version)	90 ⁴ 95 ⁵
LED FWHM	90.0°	59° 50° 75° 50°
LED FWHM Efficiency	90.0° 94 %	90° 92° 72° 300 80° 62°
LED FWHM Efficiency Peak intensity	90.0°	99 ⁴ 75 99 99 90 200 200
LED FWHM Efficiency Peak intensity LEDs/each optic 1	90.0° 94 % 0.470 cd/lm	59 ⁴ 100 100 100 100 100 100 100 10
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	90.0° 94 % 0.470 cd/lm	99 ⁴ 99 ⁴ 99 ⁴ 200 99 ⁴ 99 ⁴ 200 99 ⁴ 99 ⁴ 200 99 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic 1	90.0° 94 % 0.470 cd/lm	50 ⁴ 50 ⁴ 55 ⁴ 200 55 ⁴ 200 55 ⁴ 200
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	90.0° 94 % 0.470 cd/lm	50 ³ 75 200 55 50 200 55 50 400
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	90.0° 94 % 0.470 cd/lm	90° 92° 92° 92° 92° 92° 92° 92° 92° 92° 92
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour W	90.0° 94 % 0.470 cd/lm	200 - 200 - 2° 20 - 200 - 2° 20 - 200 - 2° 20 - 200 - 2°
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI Required component	90.0° 94 % 0.470 cd/lm	39 30 39 210 65 200 65 200 65 300 50 400 50 55 50 55
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi Required component	90.0° 94 % 0.470 cd/lm nite s:	155 980 555
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi Required component	90.0° 94 % 0.470 cd/lm hite s: Oslon Square PC	155 260 255
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi Required component	90.0° 94 % 0.470 cd/lm nite s: Oslon Square PC 86.0°	155 980 555
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wi Required component	90.0° 94 % 0.470 cd/lm hite s: Oslon Square PC 86.0° 94 %	155 260 255
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI Required component Required component SCRAM Opto Semiconductors LED FWHM Efficiency Peak intensity	90.0° 94 % 0.470 cd/lm nite s: Oslon Square PC 86.0°	155 260 255
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI Required component Required component Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	90.0° 94 % 0.470 cd/lm hite s: Oslon Square PC 86.0° 94 % 0.530 cd/lm	155 260 255
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI Required component Correst LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI	90.0° 94 % 0.470 cd/lm nite s: Oslon Square PC 86.0° 94 % 0.530 cd/lm nite	155 260 255
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI Required component Required component Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1	90.0° 94 % 0.470 cd/lm nite s: Oslon Square PC 86.0° 94 % 0.530 cd/lm nite	155 980 555
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI Required component Correst LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI	90.0° 94 % 0.470 cd/lm nite s: Oslon Square PC 86.0° 94 % 0.530 cd/lm nite	155 980 555
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI Required component Correst LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI	90.0° 94 % 0.470 cd/lm nite s: Oslon Square PC 86.0° 94 % 0.530 cd/lm nite	155 940 155
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI Required component Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour WI	90.0° 94 % 0.470 cd/lm nite s: Oslon Square PC 86.0° 94 % 0.530 cd/lm nite	13 ⁵ 90 15°



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LH351C	
FWHM	93.0°	
Efficiency	94 %	
Peak intensity	0.490 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		





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

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