STRADELLA-IP-28-HB-W-PC

~90° wide beam. Variant made from PC.



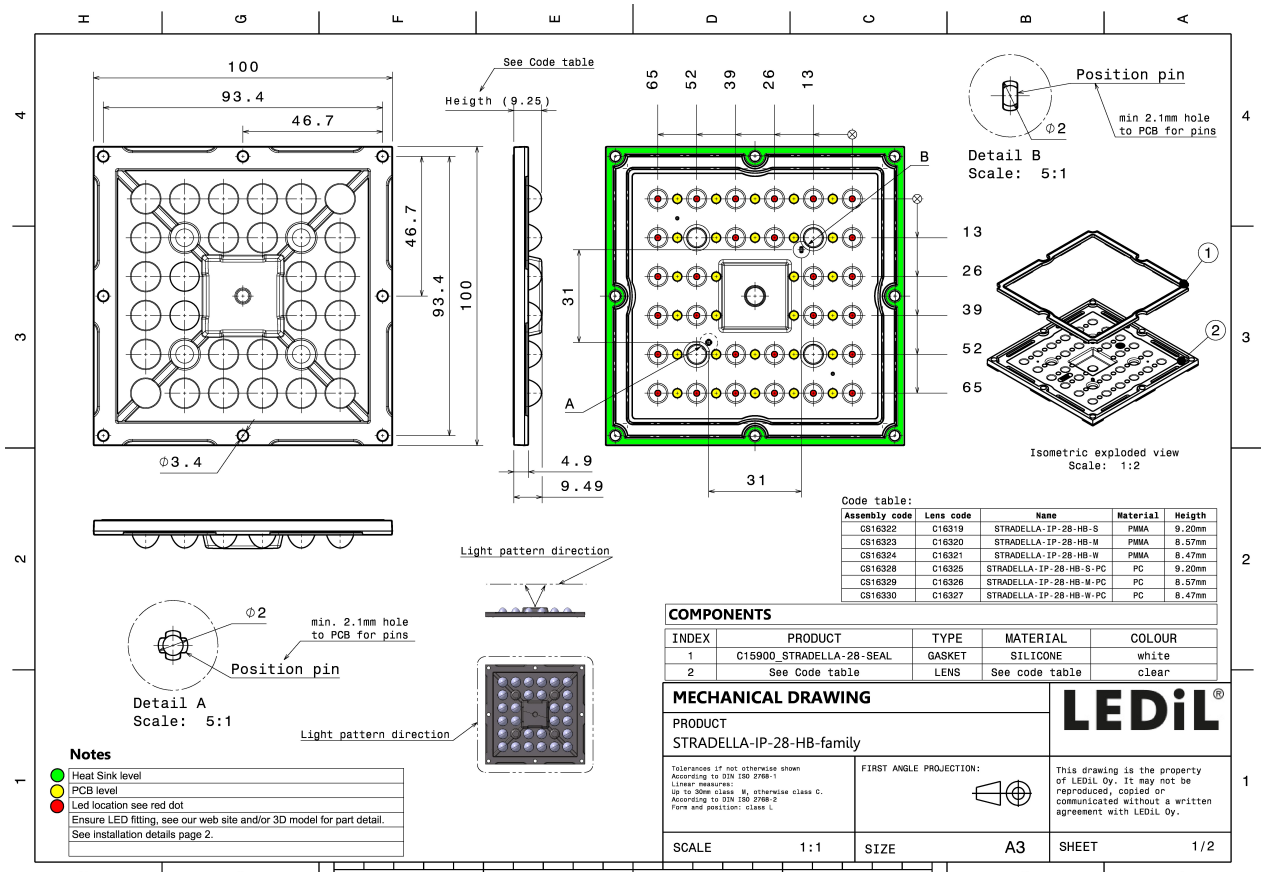
TECHNICAL SPECIFICATIONS:

Dimensions	100 x 100 mm
Height	9.5 mm
Fastening	pin, screw
Colour	clear
Box size	476 x 273 x 247 mm
Box weight	5.9 kg
Quantity in Box	156 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADELLA-IP-28-HB-W-PC	Lens array	PC	clear
STRADELLA-28-SEAL	Seal	Silicone	white

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.



Code table:

Assembly code	Lens code	Name	Material	Heigth
CS16322	C16319	STRADELLA-IP-28-HB-S	PMMA	9.20mm
CS16323	C16320	STRADELLA-IP-28-HB-M	PMMA	8.57mm
CS16324	C16321	STRADELLA-IP-28-HB-W	PMMA	8.47mm
CS16328	C16325	STRADELLA-IP-28-HB-S-PC	PC	9.20mm
CS16329	C16326	STRADELLA-IP-28-HB-M-PC	PC	8.57mm
CS16330	C16327	STRADELLA-IP-28-HB-W-PC	PC	8.47mm

COMPONENTS

INDEX	PRODUCT	TYPE	MATERIAL	COLOUR
1	C15900_STRADELLA-28-SEAL	GASKET	SILICONE	white
2	See Code table	LENS	See code table	clear

Notes

Heat Sink level
PCB level
Led location see red dot
Ensure LED fitting, see our web site and/or 3D model for part detail.
See installation details page 2.

MECHANICAL DRAWING

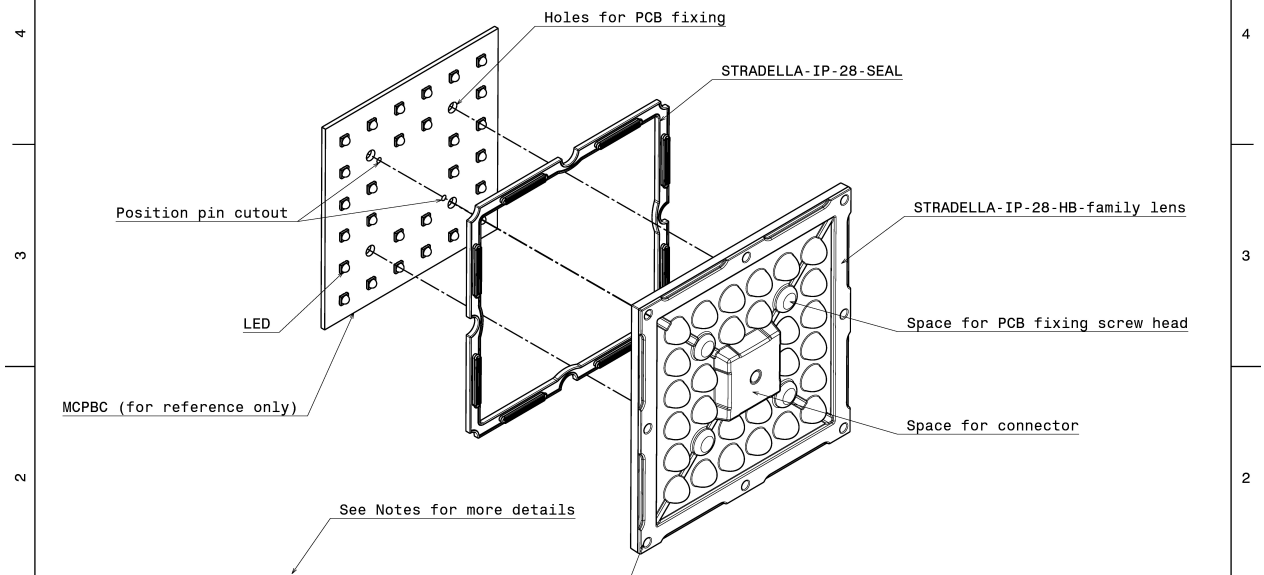
PRODUCT
STRADELLA-IP-28-HB-family

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class W, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

FIRST ANGLE PROJECTION:

This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SCALE 1:1 | SIZE A3 | SHEET 1/2



Notes

Please see more details for fastening in LEDiL Installation guide, www.ledil.com
Seal is tested to work in LEDiL´s test assemblies. Customer is recommended to test the sealing in the end product due many variables, such as heat sink surface and possible chemical traces.

MECHANICAL DRAWING

PRODUCT
STRADELLA-IP-28-HB-family

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class W, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

FIRST ANGLE PROJECTION:

This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.

SCALE 1:1 | SIZE A3 | SHEET 2/2

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

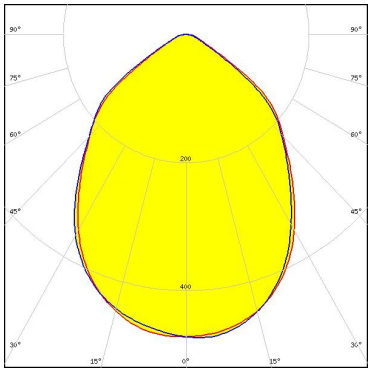
PHOTOMETRIC DATA (MEASURED):

CREE

LED	XT-E
FWHM	86.0°
Efficiency	92 %
Peak intensity	0.470 cd/lm

Required components:



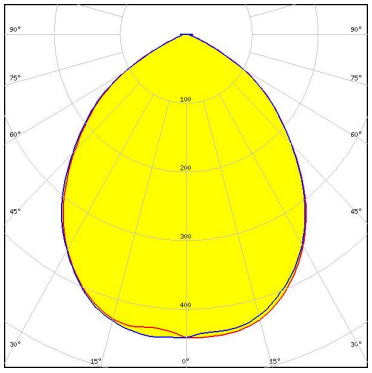


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

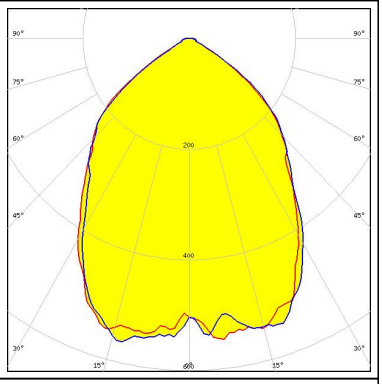
CREE

LED	XP-G3
FWHM	92.0°
Efficiency	93 %
Peak intensity	0.450 cd/lm
Required components:	



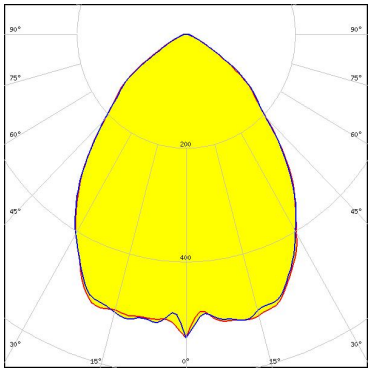
LUMILEDS

LED	LUXEON 3030 2D (Round LES)
FWHM	76.0°
Efficiency	89 %
Peak intensity	0.558 cd/lm
Required components:	



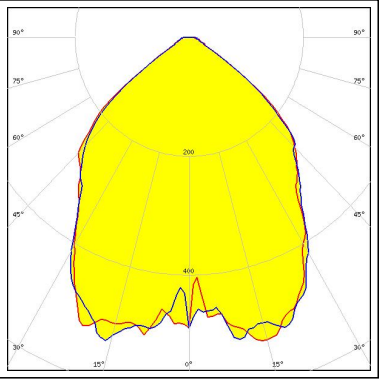
NICHIA

LED	NF2x757G
FWHM	82.0°
Efficiency	94 %
Peak intensity	0.530 cd/lm
Required components:	



NICHIA

LED	NVSxE21A
FWHM	83.0°
Efficiency	89 %
Peak intensity	0.531 cd/lm
Required components:	

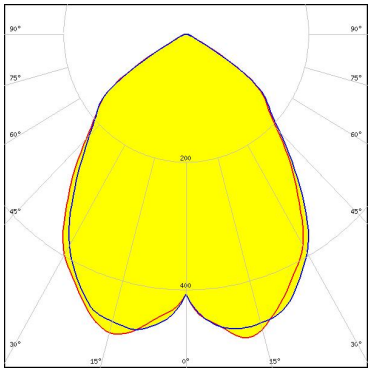


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

PHOTOMETRIC DATA (SIMULATED):

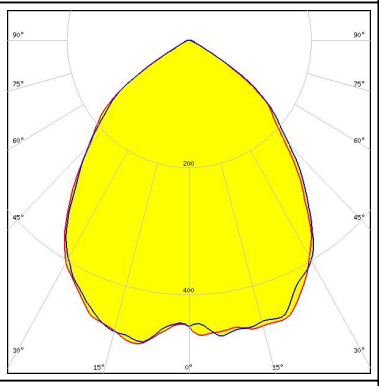
OSRAM
Opto Semiconductors

LED	Oslon Square Gen3
FWHM	84.0°
Efficiency	92 %
Peak intensity	0.490 cd/lm
Required components:	



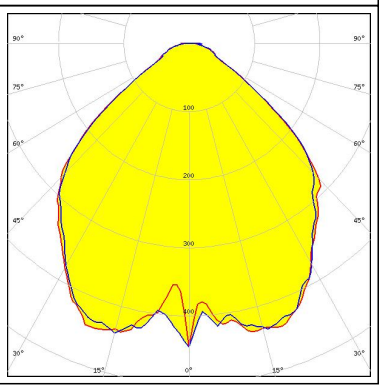
SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM	88.0°
Efficiency	92 %
Peak intensity	0.490 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM	95.0°
Efficiency	89 %
Peak intensity	0.456 cd/lm
Required components:	



LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

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

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.