

LISA2-W-PIN

~35° wide beam. 6.8 mm high variant with location pin installation.

SPECIFICATION:

Dimensions	Ø 9.9 mm
Height	6.8 mm
Fastening	glue, pin
ROHS compliant	yes 🕕



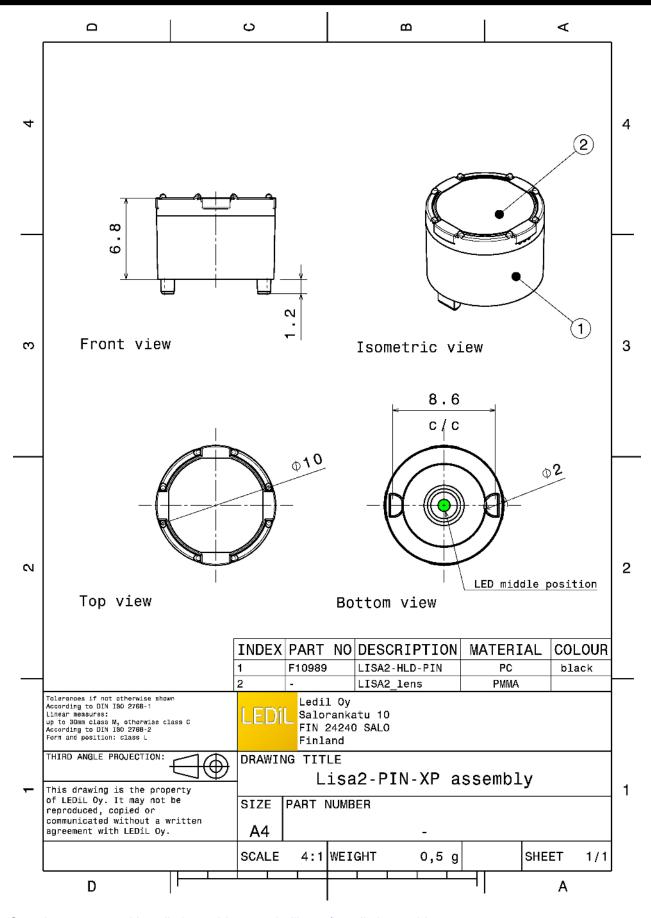
MATERIALS:

Component	Type	Material	Colour	Finish
LISA2-W	Single lens	PMMA	clear	
LISA2-HLD-PIN	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP10996_LISA2-W-PIN	Single lens	2000	300	100	1.4
» Box size:					





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



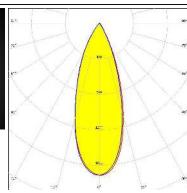
CREE \$\text{LED}

LED XB-D
FWHM / FWTM 32.0°
Efficiency 86 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE - LED

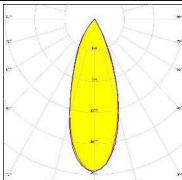
LED XD16
FWHM / FWTM 37.0° / 65.0°
Efficiency 77 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:





CREE - LED

LED XP-E
FWHM / FWTM 37.0°
Efficiency 90 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE - LED

LED XP-G
FWHM / FWTM 48.0° / 76.0°
Efficiency 92 %
LEDs/each optic 1
Light colour White
Required components:



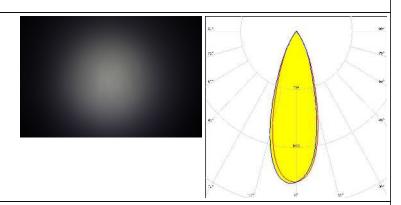
BLUMILEDS

LED LUXEON A
FWHM / FWTM 46.0°
Efficiency 88 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



MUMILEDS

LED LUXEON C
FWHM / FWTM 34.0° / 64.0°
Efficiency 88 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



MILEDS

LED LUXEON Rebel ES

FWHM / FWTM 46.0°
Efficiency 93 %
LEDs/each optic 1
Light colour White
Required components:

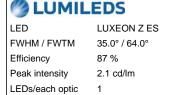


Required components:

LED LUXEON Z
FWHM / FWTM 27.0° / 60.0°
Efficiency 87 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White

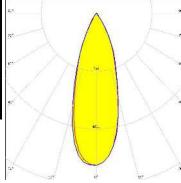






White





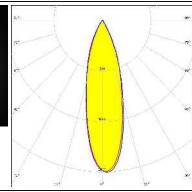
WNICHIA

Required components:

Light colour

LED NCSxE17A FWHM / FWTM 29.0° / 58.0° Efficiency 80 % Peak intensity 2.4 cd/lm LEDs/each optic 1 White Light colour Required components:





OSRAM Opto Semiconductor

LED SFH 4170S $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 26.0° / 60.0°

Efficiency % LEDs/each optic Light colour IR Required components:

OSRAM

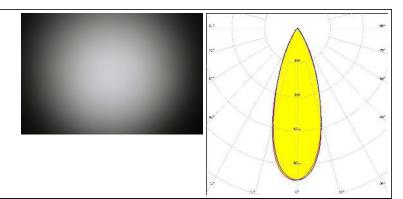
SFH 4180S FWHM / FWTM 25.0° / 60.0°

Efficiency % LEDs/each optic IR Light colour Required components:



SAMSUNG

LED LH181B
FWHM / FWTM 36.0° / 64.0°
Efficiency 80 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SHARP

LED Double Dome (GM2BB)

FWHM / FWTM 44.0°
Efficiency 88 %
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

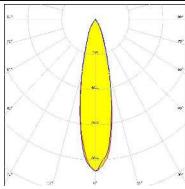


LED XQ-E HD
FWHM / FWTM 49.0° / 80.0°
Efficiency 90 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

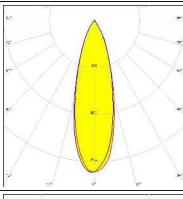
CREE - LED

LED XQ-E HI
FWHM / FWTM 23.0° / 52.0°
Efficiency 89 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



MUMILEDS

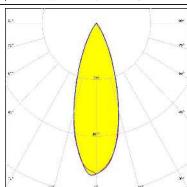
LED LUXEON IR 2720
FWHM / FWTM 30.0° / 62.0°
Efficiency 93 %
LEDs/each optic 1
Light colour IR



WNICHIA

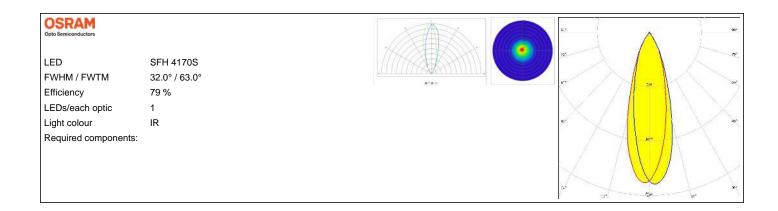
Required components:

LED NVSxE21A
FWHM / FWTM 34.0° / 63.0°
Efficiency 87 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:





OPTICAL RESULTS (SIMULATED):





PRODUCT DATASHEET FP10996_LISA2-W-PIN

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