

LISA2-M-PIN

~20° medium 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:

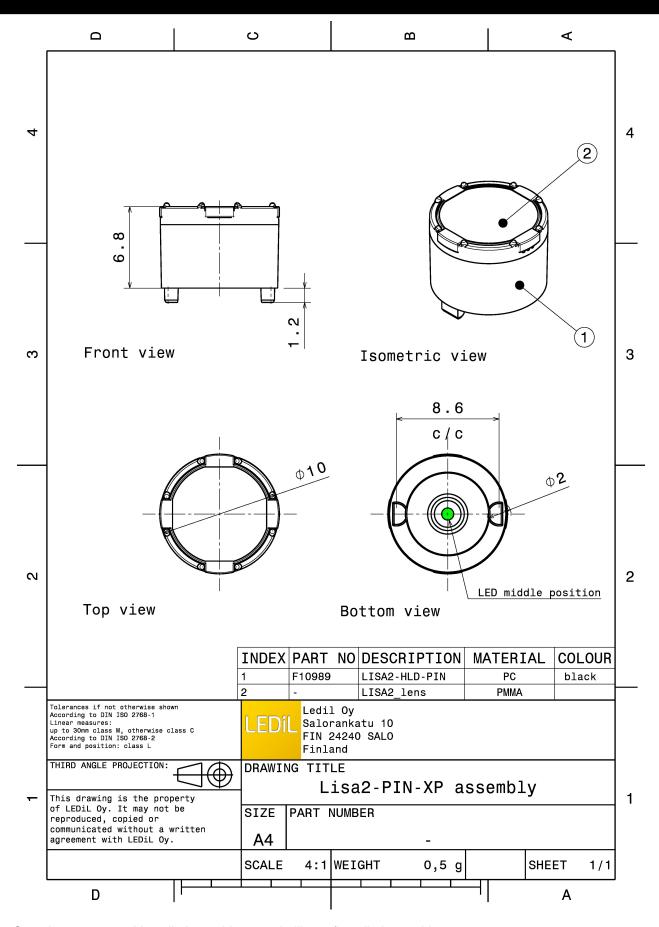
Component	Type	Material	Colour	Finish
LISA2-M	Single lens	PMMA	clear	
LISA2-HLD-PIN	Holder	PC	black	

ORDERING INFORMATION:

» Box size: 310 x 230 x 60 mm

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP10995_LISA2-M-PIN	Single lens	2000	300	100	1.4

LEDIL®



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



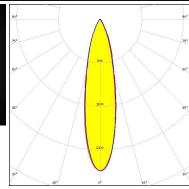
CREE \$\text{LED}

LED XB-D
FWHM / FWTM 26.0°
Efficiency 87 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE - LED

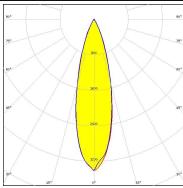
LED XD16
FWHM / FWTM 24.0° / 53.0°
Efficiency 74 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:





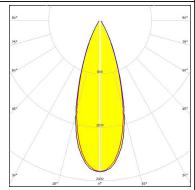
CREE \$ LED

LED XP-E
FWHM / FWTM 24.0°
Efficiency 92 %
LEDs/each optic 1
Light colour White
Required components:



CREE - LED

LED XP-G
FWHM / FWTM 34.0° / 60.0°
Efficiency 91 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



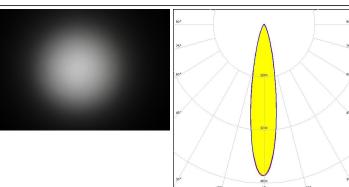


CREE - LED

LED XQ-E HI

FWHM / FWTM 20.0° / $43.0 + 42.0^{\circ}$

Efficiency 85 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White

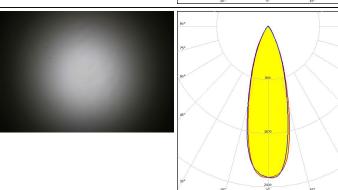


CREE & LED

Required components:

LED XT-E
FWHM / FWTM 31.0° / 60.0°
Efficiency 85 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1

Light colour White Required components:



MUMILEDS

LED LUXEON Z
FWHM / FWTM 19.0° / 41.0°
Efficiency 86 %
Peak intensity 5.3 cd/lm

LEDs/each optic 1
Light colour White
Required components:



MUMILEDS

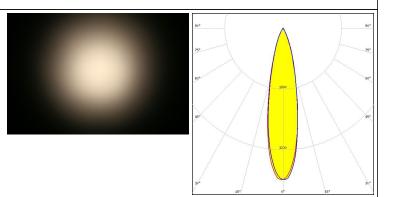
 LED
 LUXEON Z ES

 FWHM / FWTM
 23.0° / 48.0°

 Efficiency
 87 %

 Peak intensity
 4 cd/lm

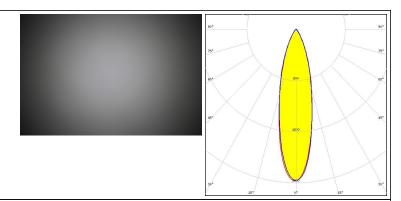
LEDs/each optic 1
Light colour White
Required components:





WNICHIA

LED NCSxE17A $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 26.0° / 57.0° Efficiency 74 % Peak intensity 2.4 cd/lm LEDs/each optic Light colour White Required components:



OSRAM Opto Semiconductors

LED SFH 4170S FWHM / FWTM 14.0° / 38.0°

Efficiency % LEDs/each optic 1 IR Light colour Required components:

OSRAM Opto Semiconductor

LED SFH 4180S $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 14.0° / 38.0°

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

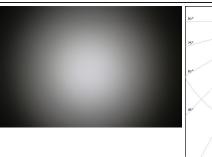
SAMSUNG

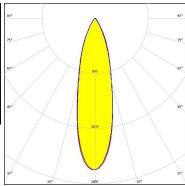
FWHM / FWTM 27.0° / 59.0° 74 % Efficiency

2.2 cd/lm

LEDs/each optic White Light colour Required components:

Peak intensity







SHARP

LED Double Dome (GM2BB)

FWHM / FWTM 28.0°
Efficiency 88 %
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

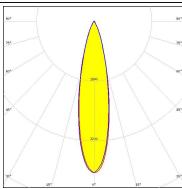


LED XQ-E HD
FWHM / FWTM 27.5° / 63.0°
Efficiency 91 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

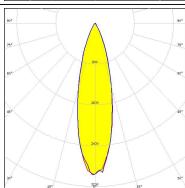
LUMILEDS

LED LUXEON IR 2720
FWHM / FWTM 23.0° / 47.0°
Efficiency 91 %
LEDs/each optic 1
Light colour IR
Required components:



WNICHIA

LED NVSxE21A
FWHM / FWTM 27.0° / 54.0°
Efficiency 86 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

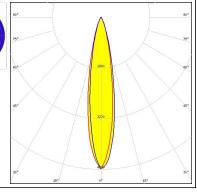


OSRAM

LED SFH 4170S
FWHM / FWTM 20.0° / 41.0°
Efficiency 79 %
LEDs/each optic 1
Light colour IR
Required components:

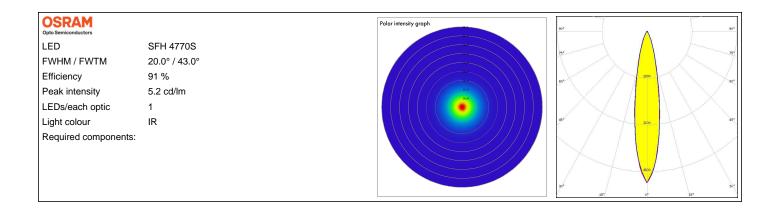








OPTICAL RESULTS (SIMULATED):





PRODUCT DATASHEET FP10995_LISA2-M-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.

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