

LISA2-WW-PIN

~45° wide beam. 7.0 mm high variant with location pin installation.

SPECIFICATION:

Dimensions	Ø 9.9
Height	7 mm
Fastening	glue, pin
ROHS compliant	yes 🕕



MATERIALS:

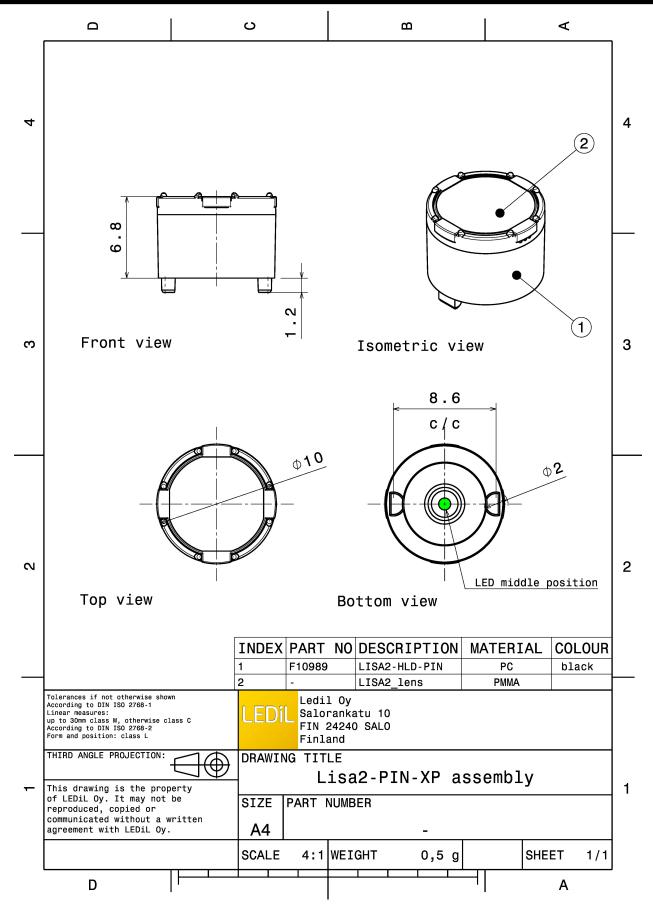
Component	Туре	Material	Colour	Finish	Length (mm)
LISA2-WW	Single lens	PMMA	clear		
LISA2-HLD-PIN	Holder	PC	black		

ORDERING INFORMATION:

» Box size: 310 x 230 x 60 mm

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP10997_LISA2-WW-PIN	Single lens	2000	300	100	1.4



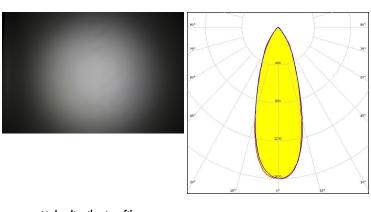


See also our general installation guide: www.ledil.com/installation_guide



CREE \$

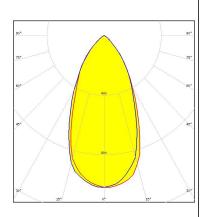
LED XD16
FWHM / FWTM 35.0° / 72.0°
Efficiency 78 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CREE \$

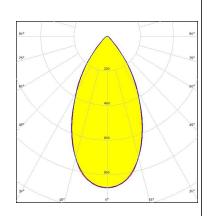
LED XP-E
FWHM / FWTM 42.0° / 78.0°
Efficiency 91 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CREE -

LED XP-G
FWHM / FWTM 54.0° / 88.0°
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

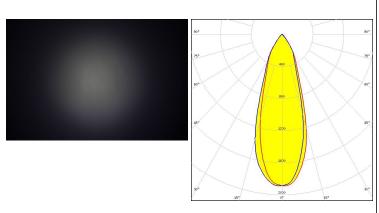


Light distribution files





LED LUXEON C
FWHM / FWTM 34.0° / 72.0°
Efficiency 88 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

UMILEDS

LED LUXEON Rebel ES
FWHM / FWTM 56.0° / 88.0°
Efficiency 93 %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

DESCRIPTION

LED LUXEON Z
FWHM / FWTM 28.0° / 70.0°
Efficiency 87 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

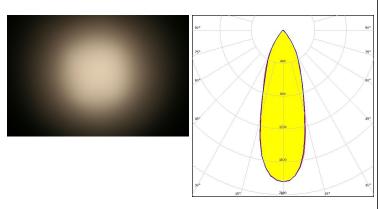


Light distribution files





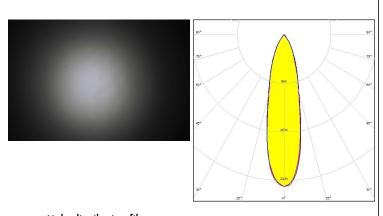
LED LUXEON Z ES
FWHM / FWTM 35.0° / 73.0°
Efficiency 88 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NCSxE17A
FWHM / FWTM 25.0° / 62.0°
Efficiency 82 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM Opto Semiconductors

LED SFH 4170S FWHM / FWTM 25.0° / 69.0°

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

Light distribution files



OSRAM Opto Semiconductors

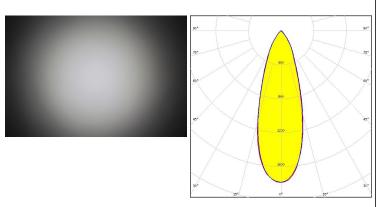
LED SFH 4180S FWHM / FWTM 25.0° / 68.0°

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

Light distribution files

SAMSUNG

LED LH181B
FWHM / FWTM 34.0° / 69.0°
Efficiency 81 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

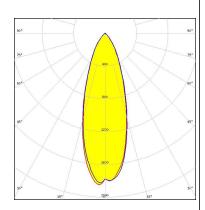


OPTICAL RESULTS (SIMULATED):



LED CSP 2323 (BXCP)
FWHM / FWTM 34.0° / 72.0°
Efficiency 86 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files

CREE -

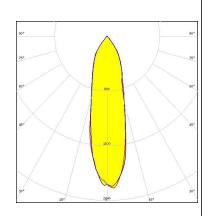
LED XQ-E HD
FWHM / FWTM 72.0° / 99.0°
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

Light distribution files

CREE -

LED XQ-E HI
FWHM / FWTM 27.0° / 72.0°
Efficiency 89 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

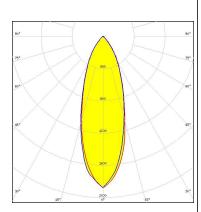


OPTICAL RESULTS (SIMULATED):



LED LUXEON IR 2720
FWHM / FWTM 35.0° / 75.0°
Efficiency 93 %
LEDs/each optic 1
Light colour/type IR

Required components:

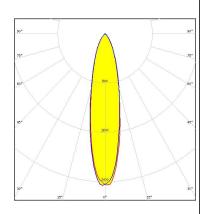


Light distribution files



LED LUXEON IR 2720 FWHM / FWTM 24.0° / 60.0° Efficiency 74 % LEDs/each optic 1

Light colour/type IR
Required components:

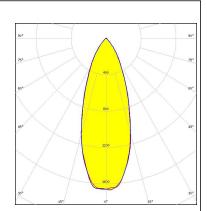


Light distribution files



LED NVSxE21A
FWHM / FWTM 37.0° / 75.0°
Efficiency 88 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White

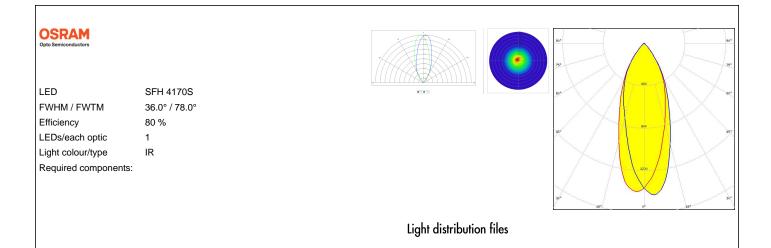
Required components:



Light distribution files



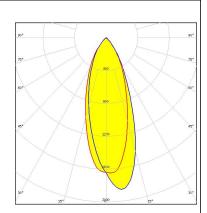
OPTICAL RESULTS (SIMULATED):



OSRAM Opto Semiconductors

LED SFH 4770S
FWHM / FWTM 34.0° / 75.0°
Efficiency 92 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files

SHARP

LED Double Dome (GM2BB)

FWHM / FWTM 60.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



PRODUCT DATASHEET FP10997_LISA2-WW-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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