

LISA3-M-PIN

~25° medium beam with location pin installation

SPECIFICATION:

Dimensions Ø 10.0 mm

Height 7.9 mm

Fastening glue

ROHS compliant yes 1



MATERIALS:

ComponentTypeMaterialColourFinishLISA3-MSingle lensPMMAclearLISA3-HLD-PINHolderPCblack

ORDERING INFORMATION:

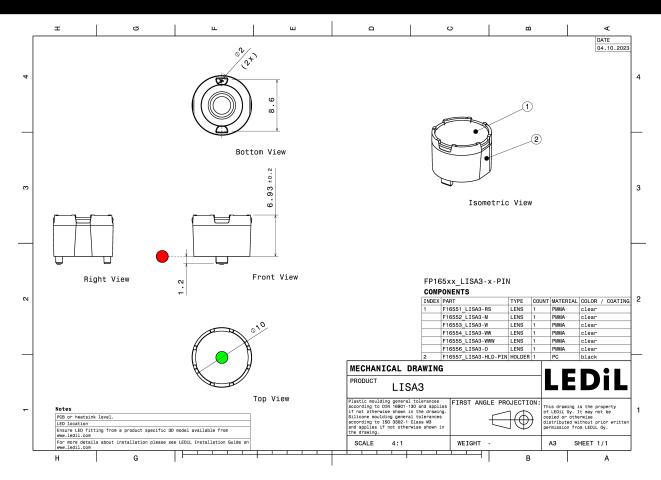
 Component
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

 FP16559_LISA3-M-PIN
 Single lens
 2000
 300
 100
 1.3

 » Box size: 310 x 230 x 60 mm
 300
 100
 1.3



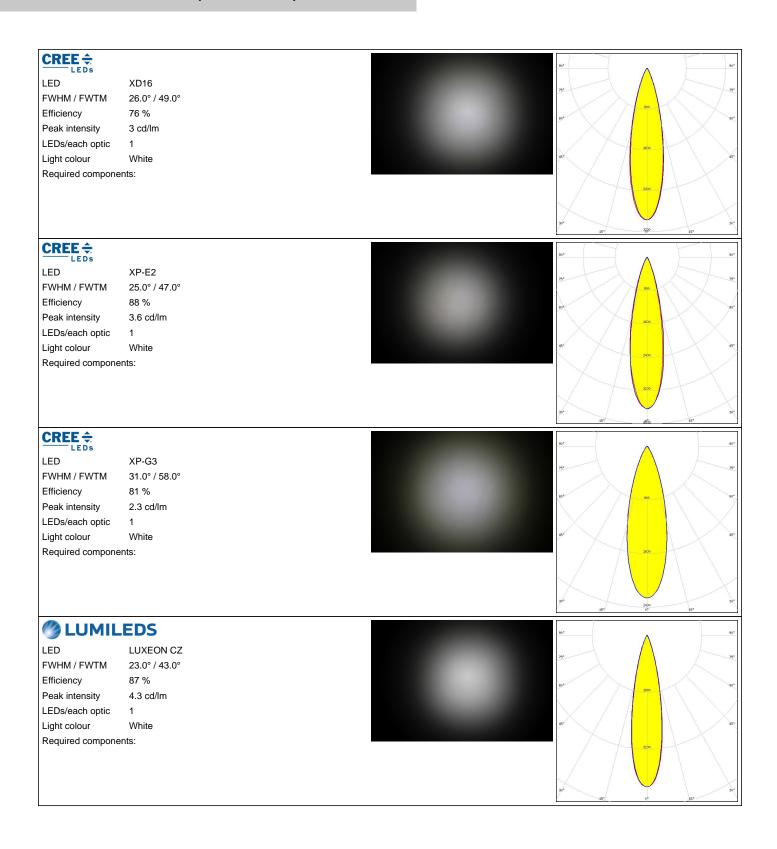
PRODUCT FP16559_LISA3-M-PIN



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

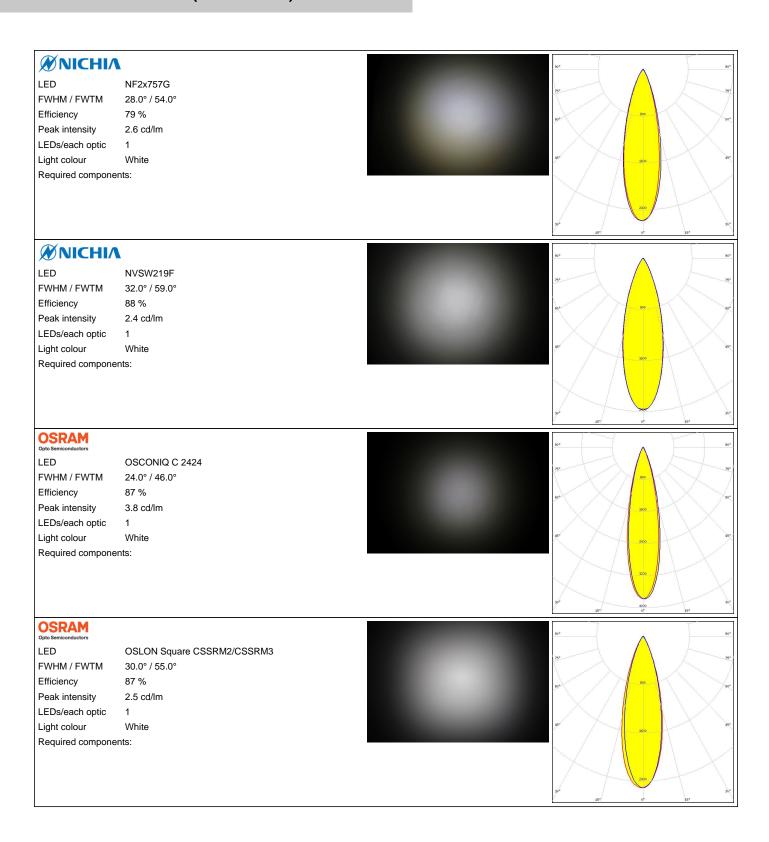


OPTICAL RESULTS (MEASURED):



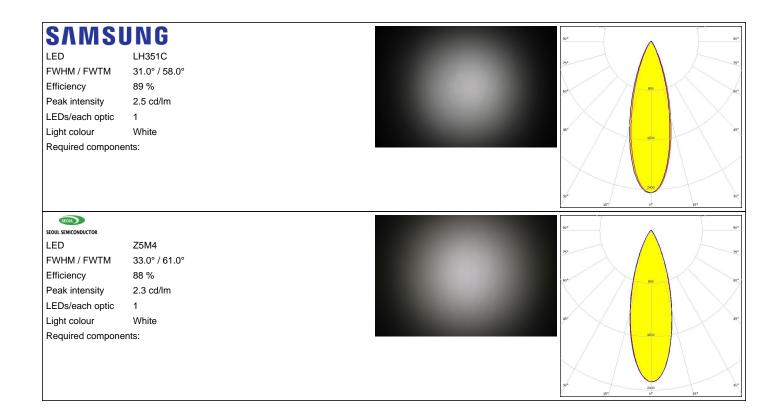


OPTICAL RESULTS (MEASURED):





OPTICAL RESULTS (MEASURED):







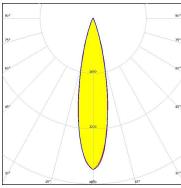
LED CSP 2323 (BXCP)
FWHM / FWTM 22.0° / 42.0°

Efficiency 81 %
Peak intensity 4.4 cd/lm

LEDs/each optic 1

Light colour White

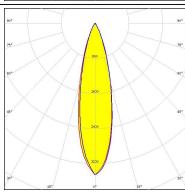
Required components:



CREE &

LED J Series 2835
FWHM / FWTM 25.0° / 50.0°
Efficiency 88 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White

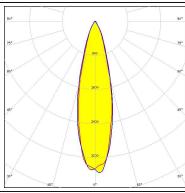
Required components:



CREE +

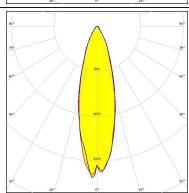
LED XP-E
FWHM / FWTM 28.0° / 45.0°
Efficiency 90 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:



CREE \$

LED XP-G
FWHM / FWTM 30.0° / 50.0°
Efficiency 88 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:







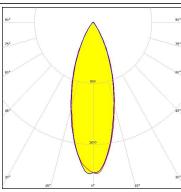
LED XP-G2 HE

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 34.0° / 66.0°

Efficiency 86 % Peak intensity 2 cd/lm

LEDs/each optic Light colour White

Required components:



CREE &

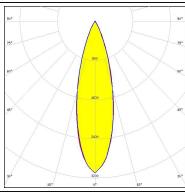
LED XP-G4

FWHM / FWTM 28.0° / 52.0° Efficiency 91 %

Peak intensity 3.1 cd/lm

LEDs/each optic 1 White Light colour

Required components:



CREE +

LED XT-E

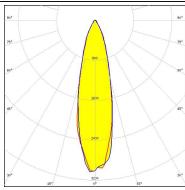
FWHM / FWTM 24.0° / 46.0°

Efficiency 82 % 3.6 cd/lm

Peak intensity LEDs/each optic 1

Light colour White

Required components:



MUMILEDS

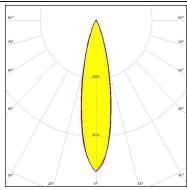
LED LUXEON 2835 Line

FWHM / FWTM 23.0° / 46.0°

89 % Efficiency Peak intensity 4.2 cd/lm

LEDs/each optic White Light colour

Required components:



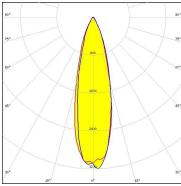




LED LUXEON 3030 2D (Round LES)

FWHM / FWTM 25.0° / 45.0° Efficiency 85 % Peak intensity 4.1 cd/lm LEDs/each optic Light colour White

Required components:

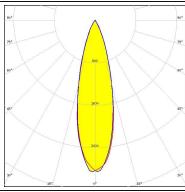


MUMILEDS

LED LUXEON C FWHM / FWTM 28.0° / 52.0° Efficiency 80 % Peak intensity 2.9 cd/lm

LEDs/each optic 1 White Light colour

Required components:



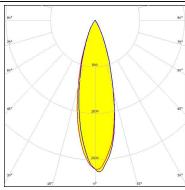
LUMILEDS

LUXEON C LED FWHM / FWTM 28.0° / 54.0° Efficiency 75 %

Peak intensity 2.6 cd/lm LEDs/each optic

Light colour Deep Red

Required components:

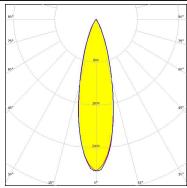


MUMILEDS

LED LUXEON C FWHM / FWTM 26.0° / 52.0° Efficiency 76 %

Peak intensity 2.8 cd/lm LEDs/each optic Green Light colour

Required components:





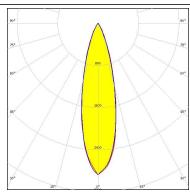


LED LUXEON C $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 27.0° / 51.0° Efficiency 76 % Peak intensity 2.9 cd/lm

LEDs/each optic

Light colour Royal Blue

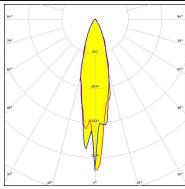
Required components:



MUMILEDS

LED LUXEON TX FWHM / FWTM 28.0° / 50.0° Efficiency 87 % Peak intensity 3.1 cd/lm LEDs/each optic 1 White Light colour

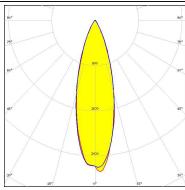
Required components:



LUMILEDS

LUXEON V2 LED FWHM / FWTM 30.0° / 56.0° Efficiency 90 % Peak intensity 2.7 cd/lm LEDs/each optic 1 Light colour White

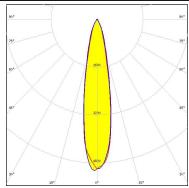
Required components:



MUMILEDS

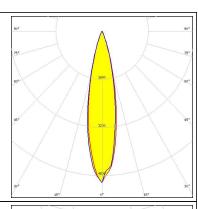
LED LUXEON Z FWHM / FWTM 20.0° / 38.0° Efficiency 88 % Peak intensity 6.1 cd/lm LEDs/each optic White Light colour

Required components:









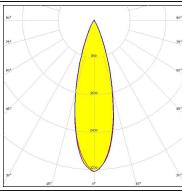


Peak intensity 3.8 cd
LEDs/each optic 1
Light colour White
Required components:

ELUMINUS

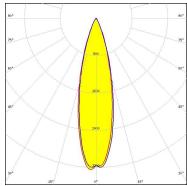
WNICHIA

LED NCSU276C
FWHM / FWTM 30.0° / 52.0°
Efficiency 89 %
LEDs/each optic 1
Light colour UV-A
Required components:



WNICHIA

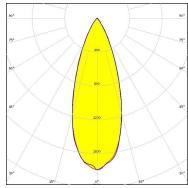
LED NCSxx19B
FWHM / FWTM 26.0° / 49.0°
Efficiency 83 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:







LED NV4WB35AM FWHM / FWTM 38.0° / 66.0° Efficiency 85 % Peak intensity 1.8 cd/lm LEDs/each optic Light colour White

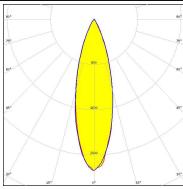


WNICHIA

Required components:

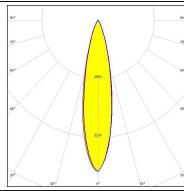
LED NVSxx19B/NVSxx19C

FWHM / FWTM 29.0° / 56.0° Efficiency 86 % Peak intensity 2.7 cd/lm LEDs/each optic 1 White Light colour Required components:



OSRAM Opto Semiconductor

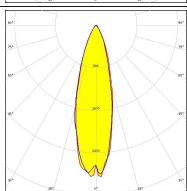
LED Duris E 2835 FWHM / FWTM 23.0° / 46.0° Efficiency 87 % Peak intensity 4.1 cd/lm LEDs/each optic 1 Light colour White Required components:



OSRAM

LED

Duris S5 (2 chip) FWHM / FWTM 25.0° / 45.0° 89 % Efficiency Peak intensity 3.2 cd/lm LEDs/each optic White Light colour Required components:





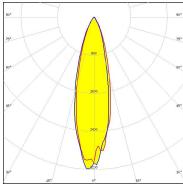
OSRAM

LED

Duris S5 (Single chip)

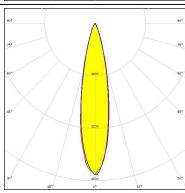
FWHM / FWTM 25.0° / 45.0° Efficiency 86 % Peak intensity 3.7 cd/lm LEDs/each optic Light colour White

Required components:



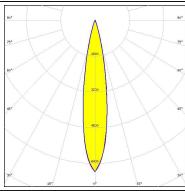
OSRAM

LED OSCONIQ P 3030 FWHM / FWTM 22.0° / 42.0° Efficiency 85 % Peak intensity 4.7 cd/lm LEDs/each optic 1 White Light colour Required components:



OSRAM Opto Semiconductor

LED OSLON Black FWHM / FWTM 18.0° / 34.0° Efficiency 88 % Peak intensity 6.8 cd/lm LEDs/each optic 1 Light colour White Required components:



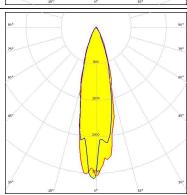
OSRAM

LED

OSLON Square EC

FWHM / FWTM 26.0° / 49.0° Efficiency 88 % Peak intensity 3.4 cd/lm LEDs/each optic White Light colour

Required components:





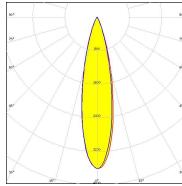
OSRAM

LED

OSLON Square Flat

FWHM / FWTM 24.0° / 45.0° Efficiency 78 % Peak intensity 3.6 cd/lm LEDs/each optic Light colour White

Required components:

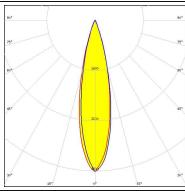


OSRAM

LED OSLON SSL 120 FWHM / FWTM 23.0° / 41.0° Efficiency 91 % Peak intensity 4.8 cd/lm LEDs/each optic 1

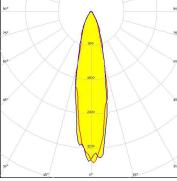
Hyper Red Light colour

Required components:



OSRAM Opto Semiconductor

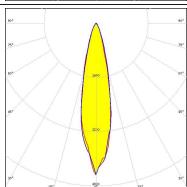
LED OSLON SSL 150 FWHM / FWTM 25.0° / 45.0° Efficiency 89 % Peak intensity 4 cd/lm LEDs/each optic 1 Light colour White Required components:



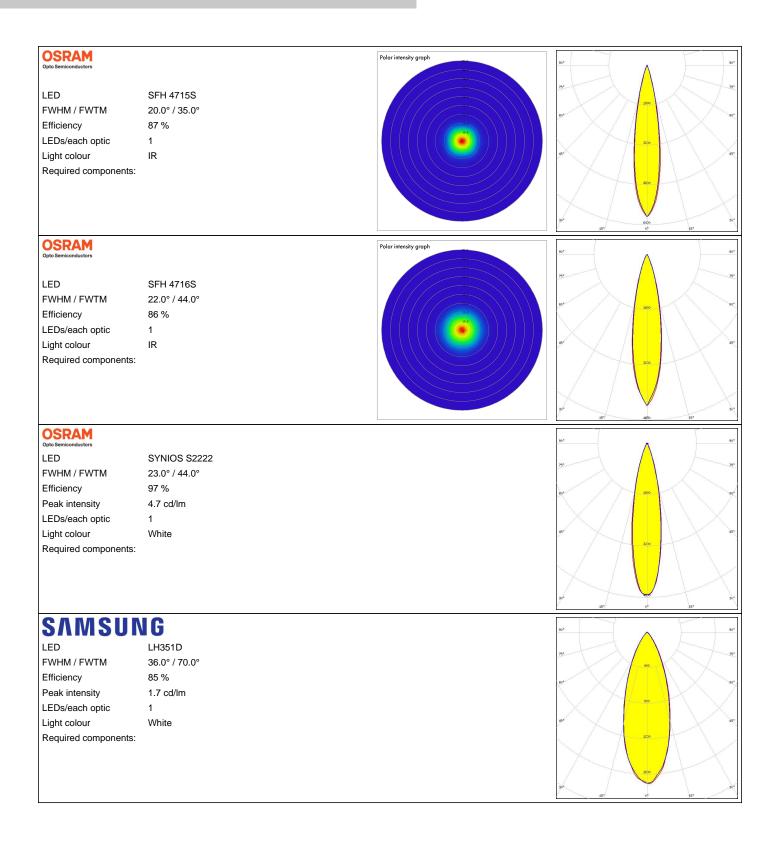
OSRAM

LED OSLON SSL 80 FWHM / FWTM 21.0° / 40.0° 87 % Efficiency Peak intensity 5 cd/lm LEDs/each optic White Light colour

Required components:









SAMSUNG

LM301A FWHM / FWTM

22.0° / 41.0°

Efficiency

87 %

Peak intensity

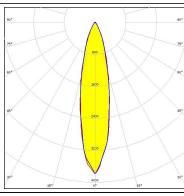
3.6 cd/lm

LEDs/each optic

White

Light colour

Required components:



SAMSUNG

LED

LM302A

FWHM / FWTM

25.0° / 47.0°

Efficiency

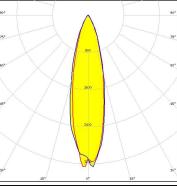
87 %

Peak intensity LEDs/each optic 3.9 cd/lm

Light colour

1 White

Required components:



STANLEY

LED $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ FWR1108MS

Efficiency

25.0° / 46.0°

89 %

LEDs/each optic

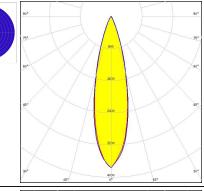
1

Light colour

IR

Required components:





STANLEY

FWHM / FWTM

MFN1108MS

Efficiency

21.0° / 37.0°

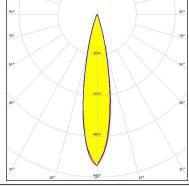
Peak intensity

91 % 6 cd/lm

LEDs/each optic Light colour

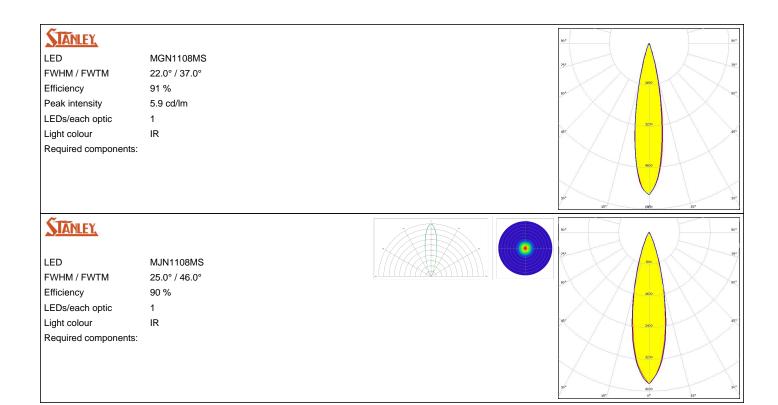
1 IR

Required components:



15/17







PRODUCT DATASHEET FP16559_LISA3-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.

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.

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