

LISA3-WW-PIN

~45° wide beam with location pin installation

SPECIFICATION:

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



MATERIALS:

Material Colour **Finish** Component **Type** LISA3-WW Single lens **PMMA** clear LISA3-HLD-PIN Holder PC black

ORDERING INFORMATION:

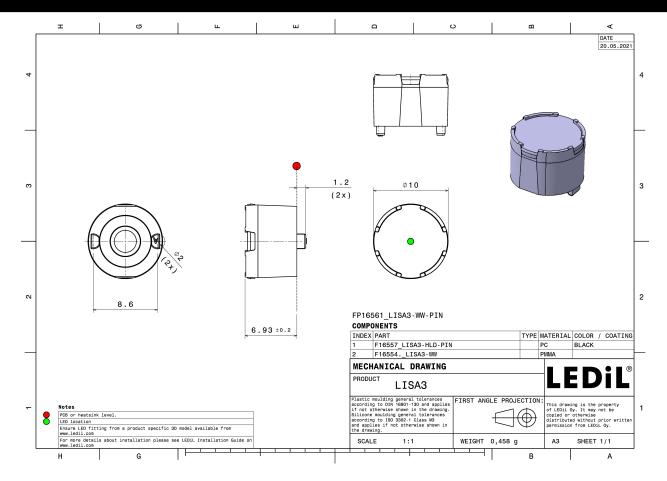
» Box size: 310 x 230 x 60 mm

Component Qty in box MOQ **MPQ** Box weight (kg) FP16561_LISA3-WW-PIN Single lens 2000 300 100 1.4

Published: 21/01/2019 Last update: 18/08/2023 Subject to change without prior notice 1/16



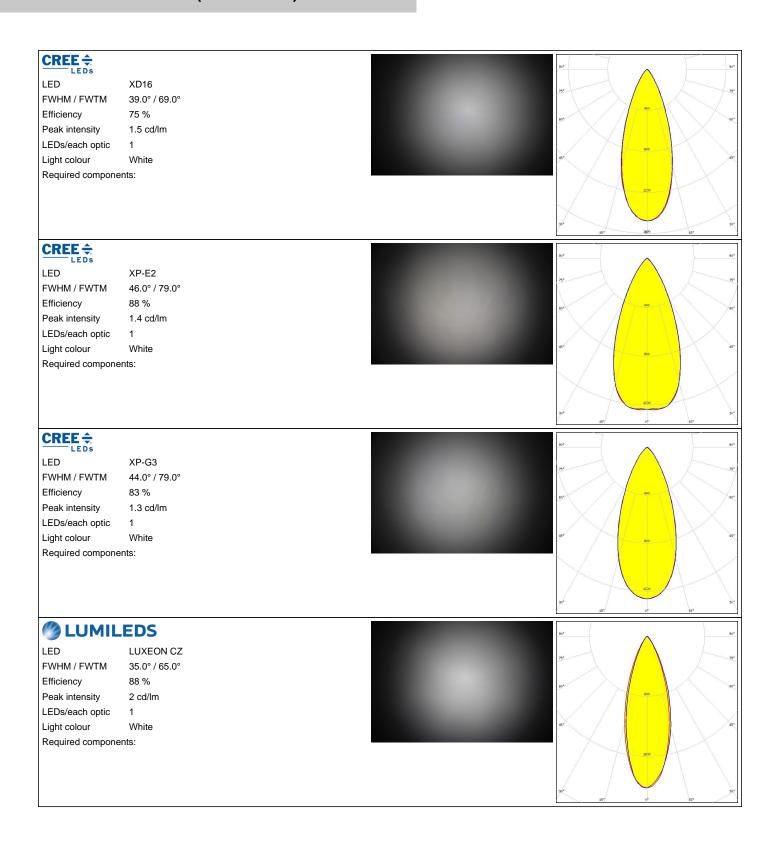
PRODUCT DATASHEET FP16561_LISA3-WW-PIN



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

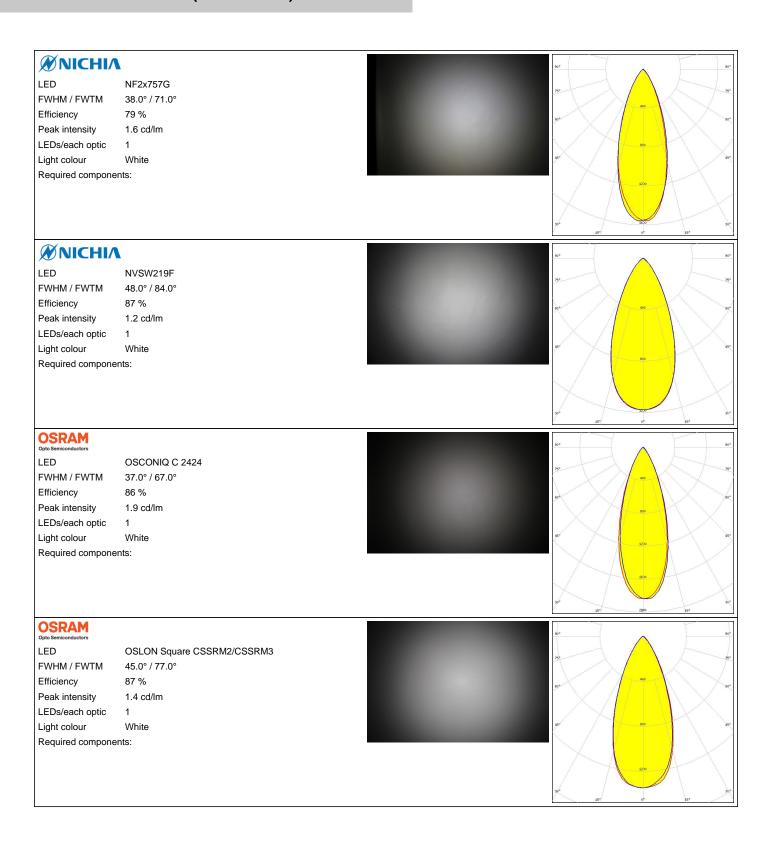


OPTICAL RESULTS (MEASURED):



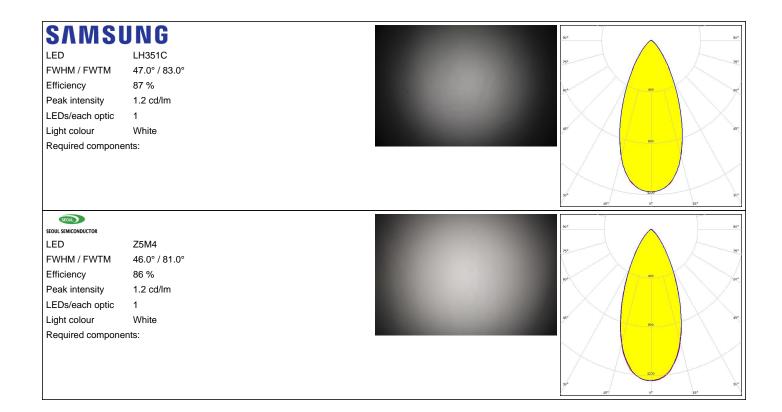


OPTICAL RESULTS (MEASURED):





OPTICAL RESULTS (MEASURED):





CREE &

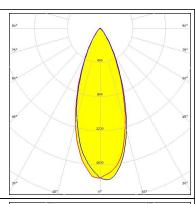
LED J Series 2835

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 38.0° / 69.0° Efficiency 88 %

Peak intensity 1.8 cd/lm

LEDs/each optic Light colour White

Required components:



CREE \$

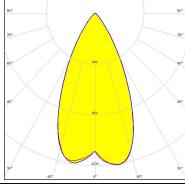
LED XP-E

FWHM / FWTM 51.0° / 79.0°

Efficiency 91 % Peak intensity 1.2 cd/lm

LEDs/each optic 1

White Light colour Required components:



CREE +

LED XP-G2

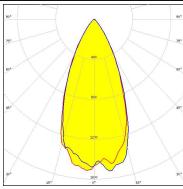
FWHM / FWTM 49.0° / 78.0°

Efficiency 90 %

Peak intensity 1.9 cd/lm LEDs/each optic 1

Light colour White

Required components:



CREE \$

XP-G2 HE

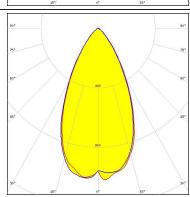
FWHM / FWTM 53.0° / 87.0°

Efficiency 86 % Peak intensity 1 cd/lm

LEDs/each optic

White Light colour

Required components:





CREE &

LED XT-E

FWHM / FWTM

44.0° / 73.0° 87 %

Efficiency Peak intensity

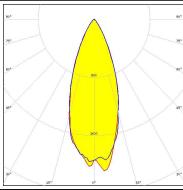
1.5 cd/lm

LEDs/each optic

Light colour

White

Required components:



MUMILEDS

LED

LUXEON 3014

FWHM / FWTM

38.0° / 65.0°

Efficiency

90 %

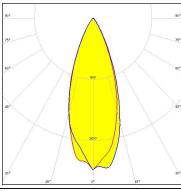
Peak intensity

2 cd/lm

LEDs/each optic Light colour

1 White

Required components:



LUMILEDS

LED

LUXEON 3030 2D (Round LES)

FWHM / FWTM

37.0° / 65.0°

Efficiency

86 %

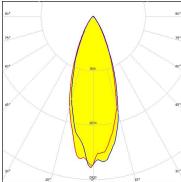
Peak intensity

LEDs/each optic

1.9 cd/lm

1 White

Light colour Required components:



MUMILEDS

LED Efficiency LUXEON Rubix

FWHM / FWTM

46.0° / 72.0°

Peak intensity

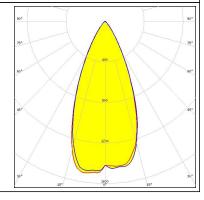
91 % 1.5 cd/lm

LEDs/each optic

Light colour

White

Required components:





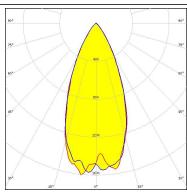
White



LED LUXEON TX
FWHM / FWTM 45.0° / 74.0°
Efficiency 87 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1

Required components:

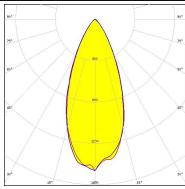
Light colour



MUMILEDS

LED LUXEON V2
FWHM / FWTM 44.0° / 76.0°
Efficiency 89 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White

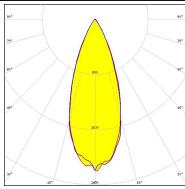
Required components:



DESCRIPTION LUMILEDS

LED LUXEON Z
FWHM / FWTM 38.5° / 63.0°
Efficiency 89 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White

Required components:



MUMILEDS

Required components:

LED LUXEON Z ES
FWHM / FWTM 40.0° / 66.0°

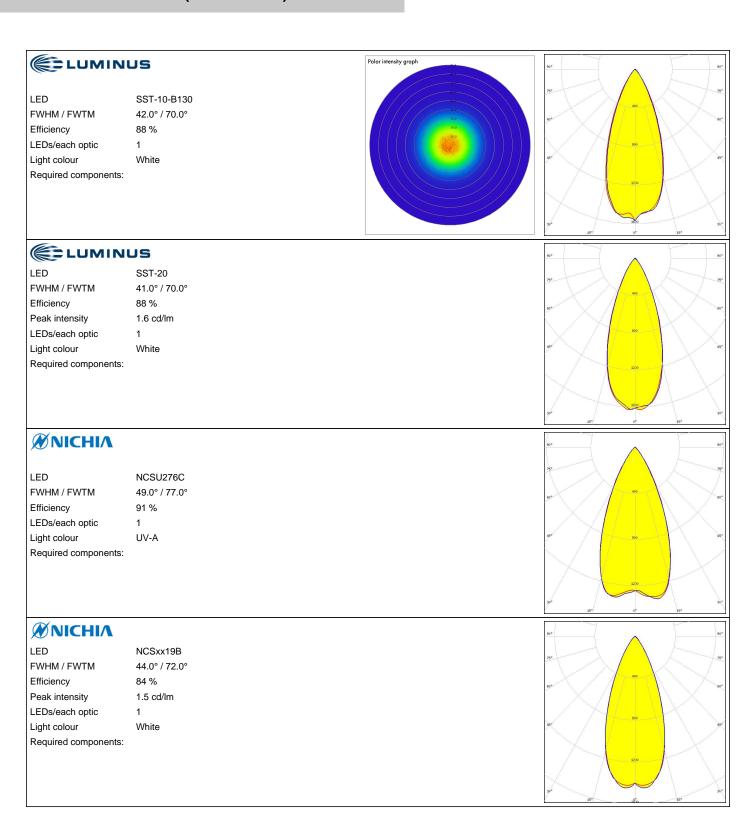
Efficiency 90 %

Peak intensity 1.9 cd/lm

LEDs/each optic 1

Light colour White





9/16



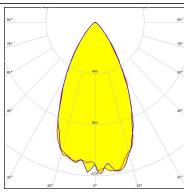


LED NVSW219D FWHM / FWTM 50.0° / 80.0° Efficiency 86 %

Peak intensity 1.1 cd/lm LEDs/each optic

Required components:

Light colour



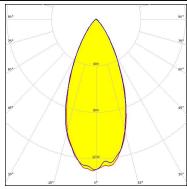
WNICHIA

LED NVSxx19B/NVSxx19C

White

FWHM / FWTM 45.0° / 78.0° Efficiency 85 % Peak intensity 1.3 cd/lm LEDs/each optic 1 White Light colour

Required components:

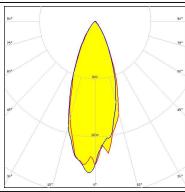


OSRAM Opto Semiconductor

LED Duris S5 (2 chip) FWHM / FWTM 36.0° / 66.0° Efficiency 88 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White

Required components:

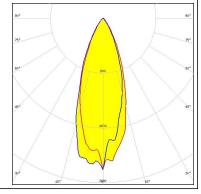
Required components:



OSRAM

LED Duris S5 (Single chip)

FWHM / FWTM 37.0° / 64.0° Efficiency 86 % Peak intensity 1.9 cd/lm LEDs/each optic White Light colour





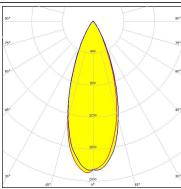
OSRAM

LED OSCONIQ P 3030 FWHM / FWTM 38.0° / 66.0° Efficiency 87 %

White

Peak intensity 1.9 cd/lm LEDs/each optic

Required components:

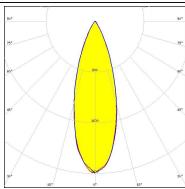


OSRAM

Light colour

LED OSLON Black FWHM / FWTM 33.0° / 60.0° Efficiency 90 % Peak intensity 2.4 cd/lm LEDs/each optic 1 White Light colour

Required components:

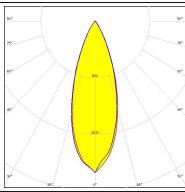


OSRAM Opto Semiconductor

LED OSLON Black Flat (LUW HWQP)

FWHM / FWTM 36.0° / 64.0° Efficiency 90 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour Red

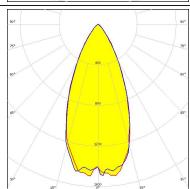
Required components:



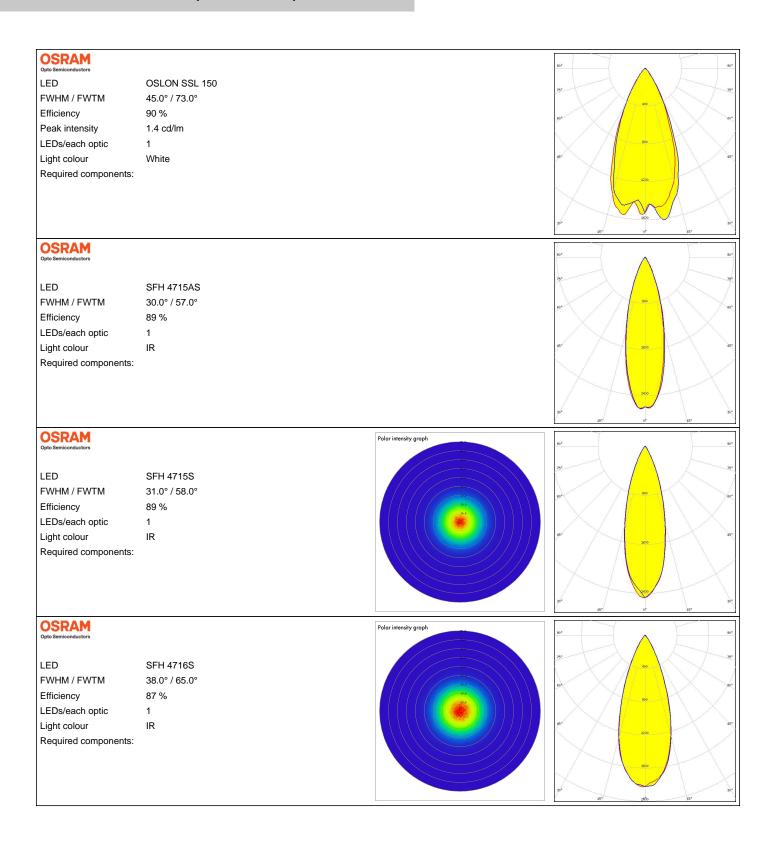
OSRAM

LED OSLON Square EC

FWHM / FWTM 44.0° / 75.0° Efficiency 88 % Peak intensity 1.4 cd/lm LEDs/each optic White Light colour Required components:









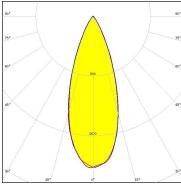
OSRAM

LED Synios P2720 1 mm

 $\begin{array}{lll} \text{FWHM / FWTM} & 37.0^{\circ}\,/\,64.0^{\circ} \\ \text{Efficiency} & 90\,\% \\ \text{Peak intensity} & 2\,\text{cd/Im} \end{array}$

LEDs/each optic 1
Light colour Red

Required components:



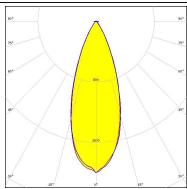
OSRAM

Opto Semiconductor

LED SYNIOS S2222 FWHM / FWTM 37.0 + 38.0° / 66.0°

Efficiency 97 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White

Required components:



SAMSUNG

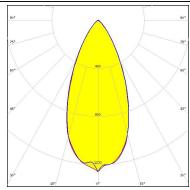
LED LH351B

FWHM / FWTM 47.0° / 80.0° Efficiency 88 %

Peak intensity 1.3 cd/lm

LEDs/each optic 1
Light colour White

Required components:



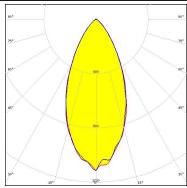
SAMSUNG

LED LH351D

FWHM / FWTM 47.0° / 86.0° Efficiency 84 %

Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:





SAMSUNG

LED LM301A

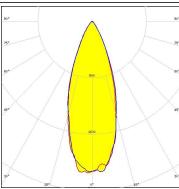
FWHM / FWTM 36.0° / 76.0°

Efficiency 88 %

Peak intensity 2 cd/lm

LEDs/each optic 1

Light colour White Required components:



SAMSUNG

LED LM302A

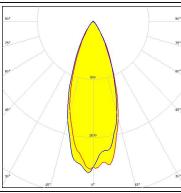
FWHM / FWTM 38.0° / 68.0° Efficiency 88 %

Peak intensity 1.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:



STANLEY

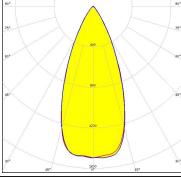
LED FWR1108MS FWHM / FWTM 44.0° / 71.0°

Efficiency 90 % LEDs/each optic 1 Light colour IR

Required components:





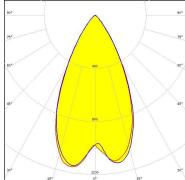


STANLEY

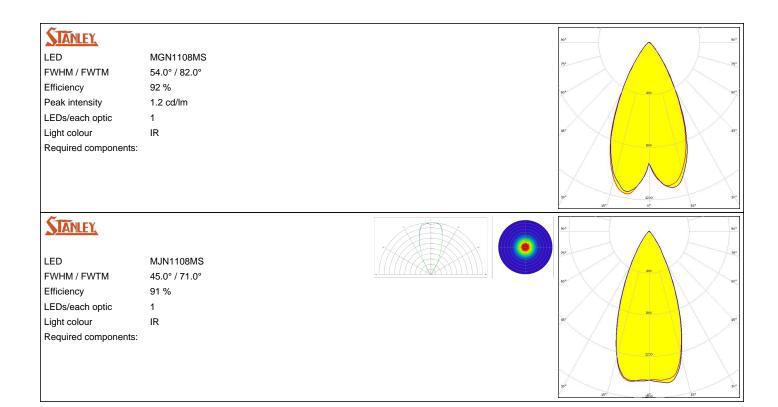
LED MFN1108MS FWHM / FWTM 54.0° / 82.0°

Efficiency 92 %
Peak intensity 1.2 cd/lm

LEDs/each optic 1
Light colour IR
Required components:









PRODUCT DATASHEET FP16561_LISA3-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:

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