

LISA3-WW-PIN

~45° wide beam with location pin installation

SPECIFICATION:

Ø 9.9 mm **Dimensions** 7 mm Height Fastening pin yes ① **ROHS** compliant



MATERIALS:

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

ORDERING INFORMATION:

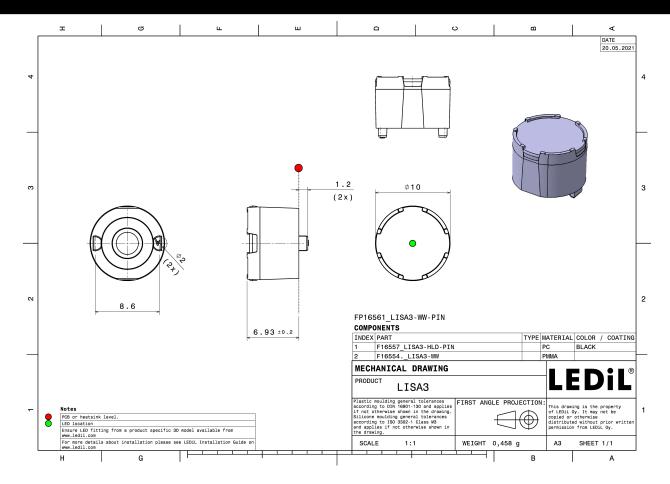
» Box size: 310 x 230 x 60 mm

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

Published: 21/01/2019 Last update: 13/02/2023 Subject to change without prior notice 1/15



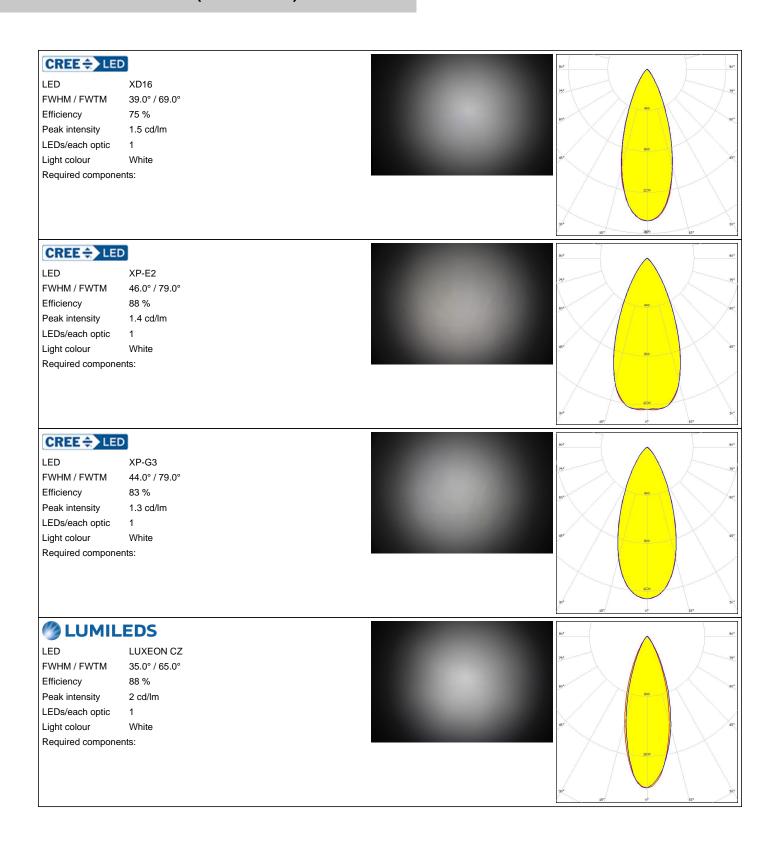
PRODUCT FP16561_LISA3-WW-PIN



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

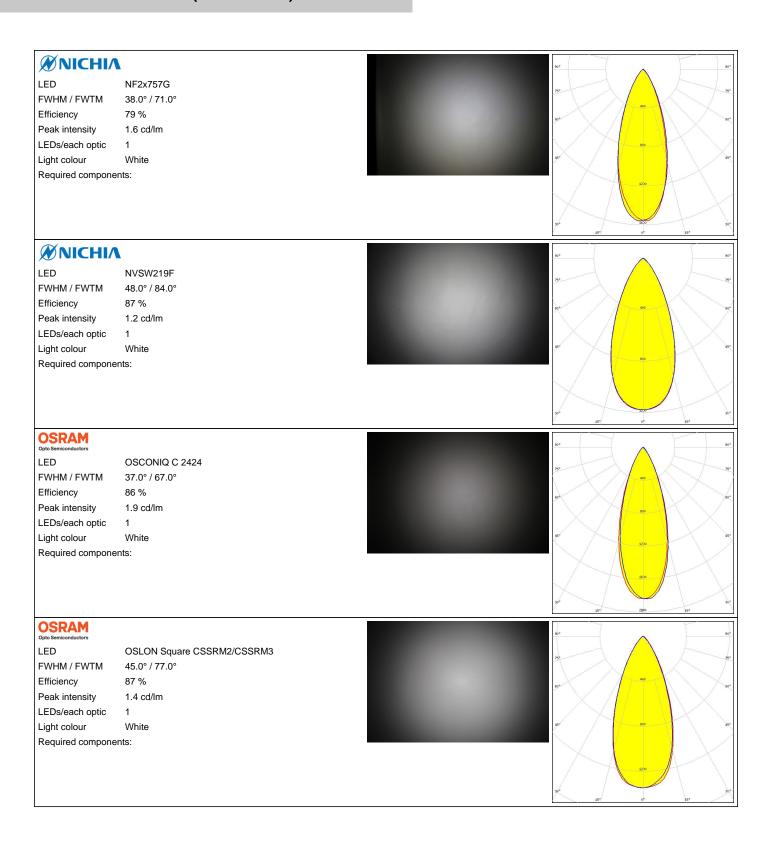


OPTICAL RESULTS (MEASURED):





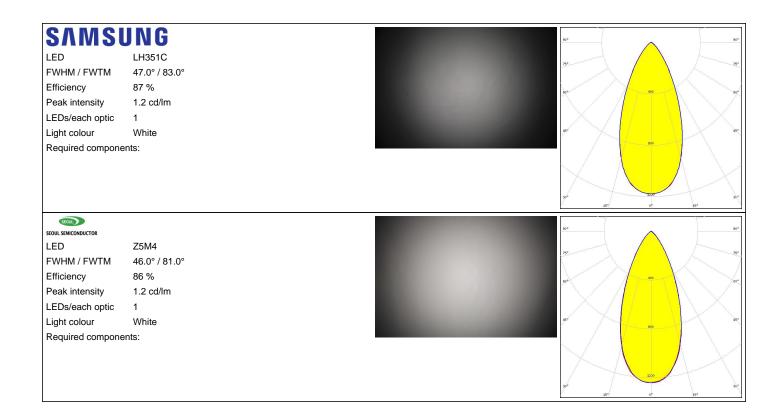
OPTICAL RESULTS (MEASURED):



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OPTICAL RESULTS (MEASURED):





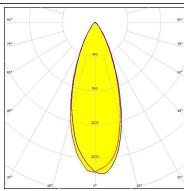
CREE - LED

LED J Series 2835 FWHM / FWTM 38.0° / 69.0° Efficiency 88 %

Efficiency 88 %
Peak intensity 1.8 cd/lm

LEDs/each optic 1
Light colour White

Required components:

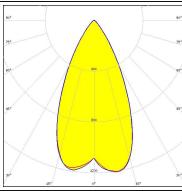


CREE \$\(\preceq\) LED

LED XP-E FWHM / FWTM 51.0° / 7

FWHM / FWTM 51.0° / 79.0°
Efficiency 91 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1

Light colour White Required components:



CREE = LED

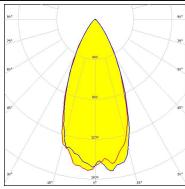
LED XP-G2

FWHM / FWTM 49.0° / 78.0°

Efficiency 90 %
Peak intensity 1.9 cd/lm

LEDs/each optic 1
Light colour White

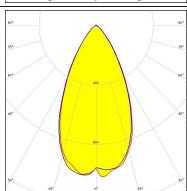
Required components:



CREE - LED

LED XP-G2 HE
FWHM / FWTM 53.0° / 87.0°
Efficiency 86 %

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





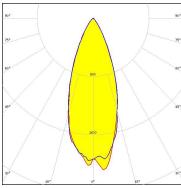
White



LED XT-E
FWHM / FWTM 44.0° / 73.0°
Efficiency 87 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1

Required components:

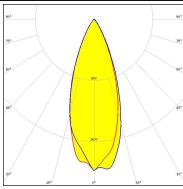
Light colour



MUMILEDS

LED LUXEON 3014
FWHM / FWTM 38.0° / 65.0°
Efficiency 90 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White

Required components:

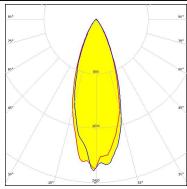


LUMILEDS

LED LUXEON 3030 2D (Round LES)

FWHM / FWTM 37.0° / 65.0°
Efficiency 86 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:



LUMILEDS

Required components:

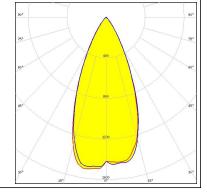
LED LUXEON Rubix
FWHM / FWTM 46.0° / 72.0°

Efficiency 91 %

Peak intensity 1.5 cd/lm

LEDs/each optic 1

Light colour White





White

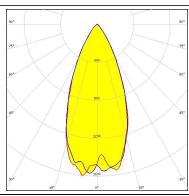


 $\begin{array}{lll} \text{LED} & \text{LUXEON TX} \\ \text{FWHM / FWTM} & 45.0^{\circ} \, / \, 74.0^{\circ} \\ \text{Efficiency} & 87 \, \% \\ \end{array}$

Peak intensity 1.4 cd/lm LEDs/each optic 1

Required components:

Light colour

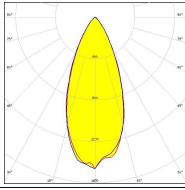


MUMILEDS

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:



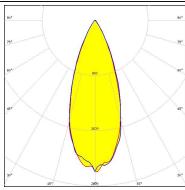
DESCRIPTION LUMILEDS

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

White

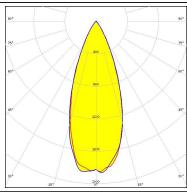
Required components:

Light colour



DESCRIPTION LUMILEDS

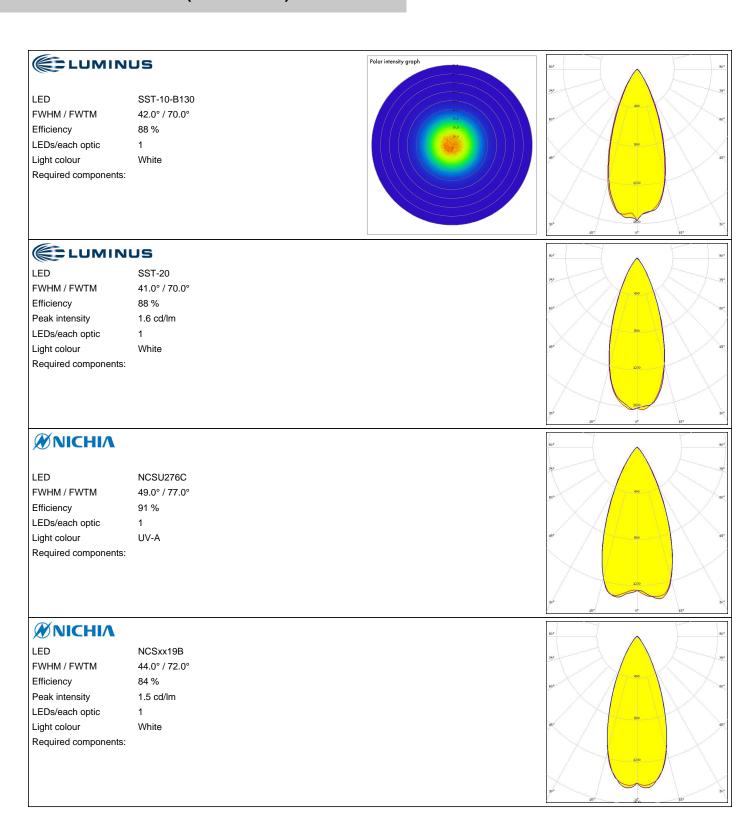
LED LUXEON Z ES
FWHM / FWTM 40.0° / 66.0°
Efficiency 90 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White



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OPTICAL RESULTS (SIMULATED):





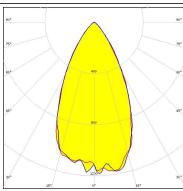


LED NVSW219D FWHM / FWTM 50.0° / 80.0°

Efficiency 86 % Peak intensity 1.1 cd/lm

LEDs/each optic Light colour White

Required components:



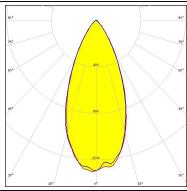
WNICHIA

LED NVSxx19B/NVSxx19C

White

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

Required components:

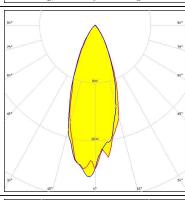


OSRAM Opto Semiconductor

Light colour

LED Duris S5 (2 chip) FWHM / FWTM 36.0° / 66.0° Efficiency 88 % Peak intensity 1.9 cd/lm

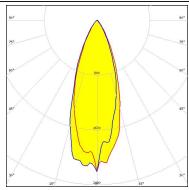
LEDs/each optic 1 Light colour White Required components:



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

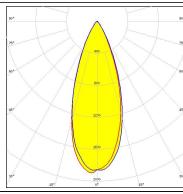
87 %

Peak intensity LEDs/each optic 1.9 cd/lm

Light colour

White

Required components:



OSRAM

LED

OSLON Black

FWHM / FWTM

33.0° / 60.0°

Efficiency

90 %

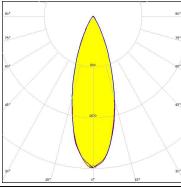
Peak intensity

2.4 cd/lm

LEDs/each optic Light colour

1 White

Required components:



OSRAM Opto Semiconductor

LED

OSLON Black Flat

FWHM / FWTM

36.0° / 64.0°

Efficiency

90 %

Peak intensity

2.1 cd/lm

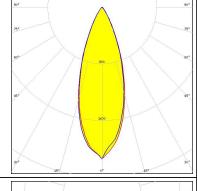
LEDs/each optic

Required components:

1

Light colour

Red



OSRAM

LED

Efficiency

OSLON Square EC

FWHM / FWTM

44.0° / 75.0°

Peak intensity

88 %

LEDs/each optic

1.4 cd/lm

Light colour

Required components:

White





LED OSLON SSL 150

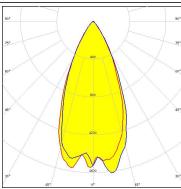
 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 45.0° / 73.0°

Efficiency 90 %

Peak intensity 1.4 cd/lm LEDs/each optic

Light colour White

Required components:



OSRAM

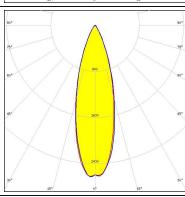
LED SFH 4715AS

FWHM / FWTM 30.0° / 57.0° 89 %

Efficiency LEDs/each optic 1

IR Light colour

Required components:



OSRAM Opto Semiconductor

LED Synios P2720 1 mm

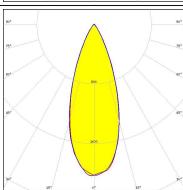
FWHM / FWTM 37.0° / 64.0°

Efficiency 90 %

Peak intensity 2 cd/lm LEDs/each optic 1

Light colour Red

Required components:



OSRAM

LED

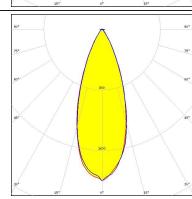
SYNIOS S2222

FWHM / FWTM 37.0 + 38.0° / 66.0°

97 % Efficiency

Peak intensity 2 cd/lm LEDs/each optic

White Light colour





SAMSUNG

LH351B

FWHM / FWTM 47.0° / 80.0°

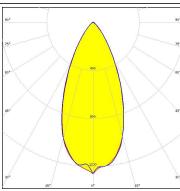
Efficiency 88 %

Peak intensity 1.3 cd/lm

LEDs/each optic

Light colour White

Required components:



SAMSUNG

LED LH351D

FWHM / FWTM 47.0° / 86.0°

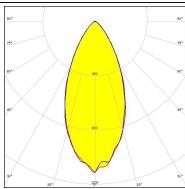
Efficiency 84 %

Peak intensity 1.1 cd/lm LEDs/each optic

1

White Light colour

Required components:



SAMSUNG

LED LM301A

FWHM / FWTM 36.0° / 76.0°

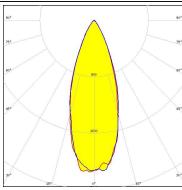
Efficiency 88 %

Peak intensity 2 cd/lm

LEDs/each optic

Required components:

Light colour White



SAMSUNG

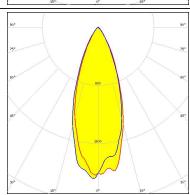
LM302A

FWHM / FWTM 38.0° / 68.0°

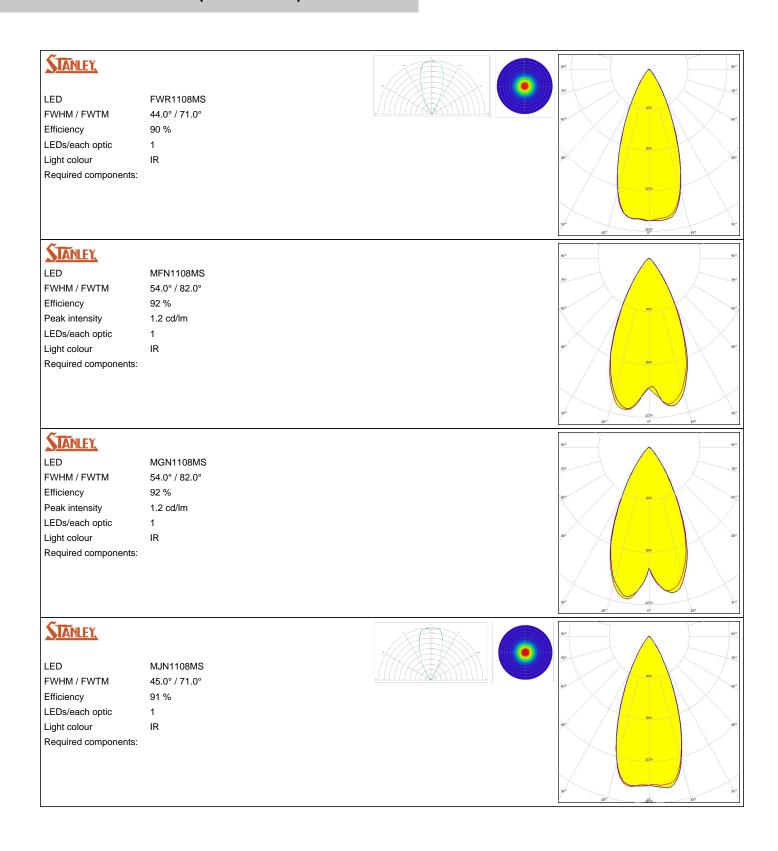
Efficiency 88 %

Peak intensity 1.9 cd/lm LEDs/each optic

White Light colour









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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