

### **LISA3-WW-PIN**

~45° wide beam with location pin installation

#### **SPECIFICATION:**

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



#### **MATERIALS:**

ComponentTypeMaterialColourFinishLISA3-WWSingle lensPMMAclearLISA3-HLD-PINHolderPCblack

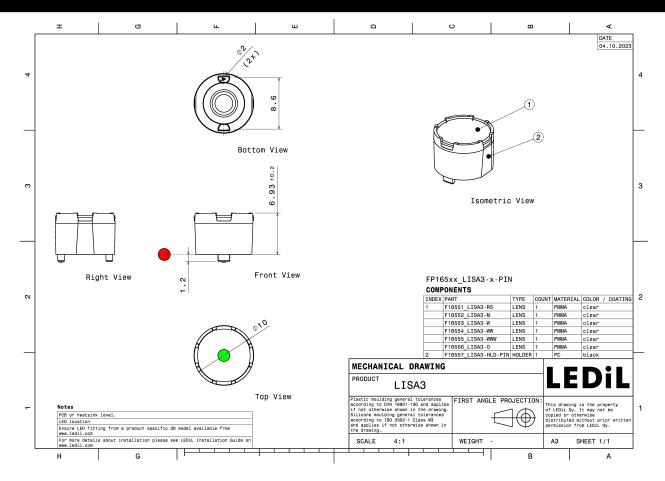
#### **ORDERING INFORMATION:**

ComponentQty in boxMOQMPQBox weight (kg)FP16561\_LISA3-WW-PINSingle lens20003001001.4

» Box size: 310 x 230 x 60 mm



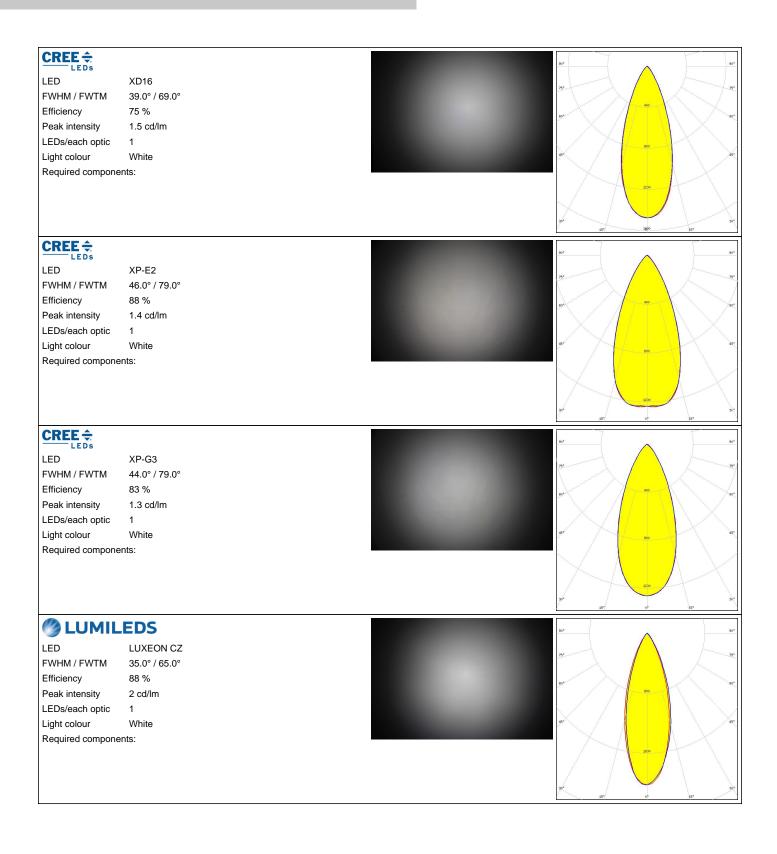
# PRODUCT DATASHEET FP16561\_LISA3-WW-PIN



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

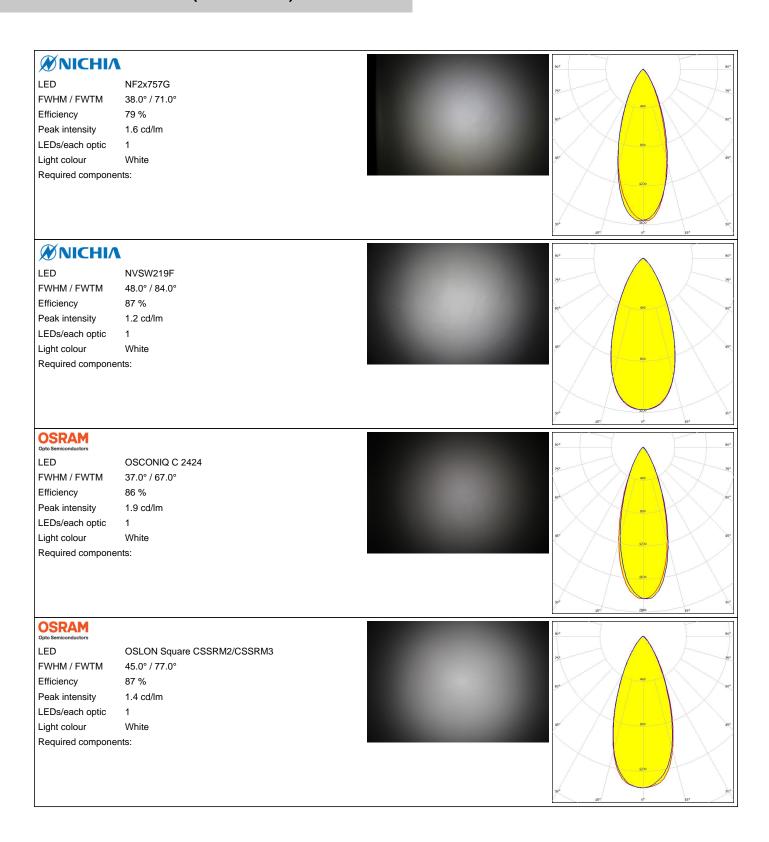


# **OPTICAL RESULTS (MEASURED):**



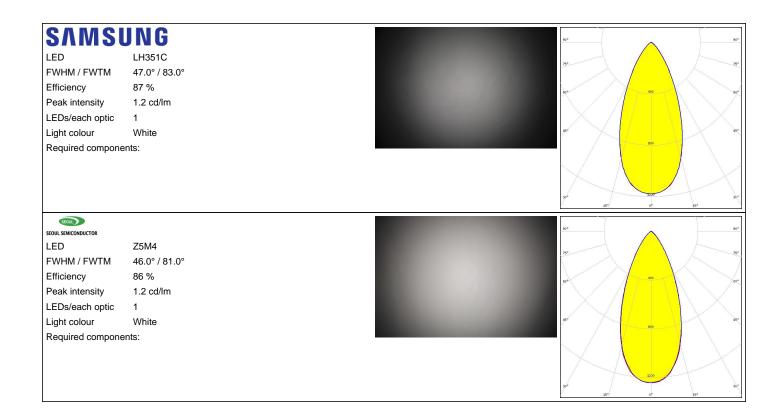


# **OPTICAL RESULTS (MEASURED):**





# **OPTICAL RESULTS (MEASURED):**







 LED
 CSP 2323 (BXCP)

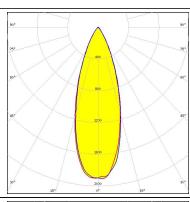
 FWHM / FWTM
 35.0° / 64.0°

 Efficiency
 81 %

 Peak intensity
 1.9 cd/lm

LEDs/each optic 1
Light colour White

Required components:



# CREE &

 LED
 J Series 2835

 FWHM / FWTM
 38.0° / 69.0°

 Efficiency
 88 %

 Peak intensity
 1.8 cd/lm

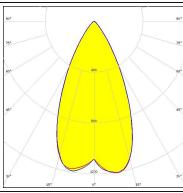
LEDs/each optic 1
Light colour White

Required components:

# CREE -

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

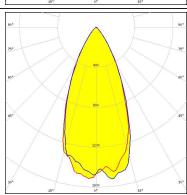
Light colour White Required components:



# 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 &

LED XP-G2 HE

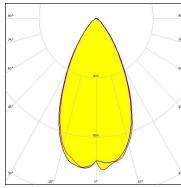
FWHM / FWTM 53.0° / 87.0°

Efficiency 86 % Peak intensity 1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



# CREE &

LED XT-E

FWHM / FWTM 44.0° / 73.0°

Efficiency 87 %

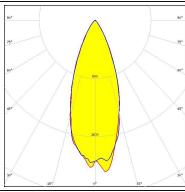
Peak intensity 1.5 cd/lm

LEDs/each optic 1

Light colour White

Required components:

hite



## **MUMILEDS**

LED LUXEON 3014

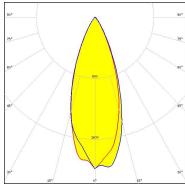
FWHM / FWTM 38.0° / 65.0°

Efficiency 90 %

Peak intensity 2 cd/lm

LEDs/each optic 1
Light colour White

Required components:



## **MUMILEDS**

LED LUXEON 3030 2D (Round LES)

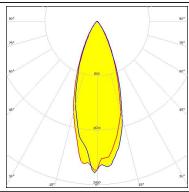
FWHM / FWTM 37.0° / 65.0°

Efficiency 86 %

Peak intensity 1.9 cd/lm

LEDs/each optic 1
Light colour White

Required components:



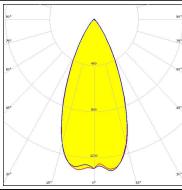




LED LUXEON C  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 46.0° / 73.0° Efficiency 83 % Peak intensity 1.3 cd/lm LEDs/each optic

Light colour White

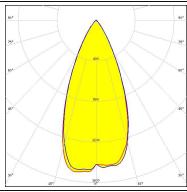
Required components:



## **MUMILEDS**

LED LUXEON Rubix FWHM / FWTM 46.0° / 72.0° Efficiency 91 % Peak intensity 1.5 cd/lm LEDs/each optic 1 White Light colour

Required components:



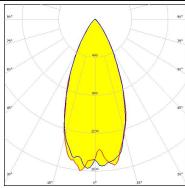
## LUMILEDS

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

White

Required components:

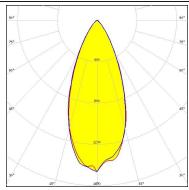
Light colour



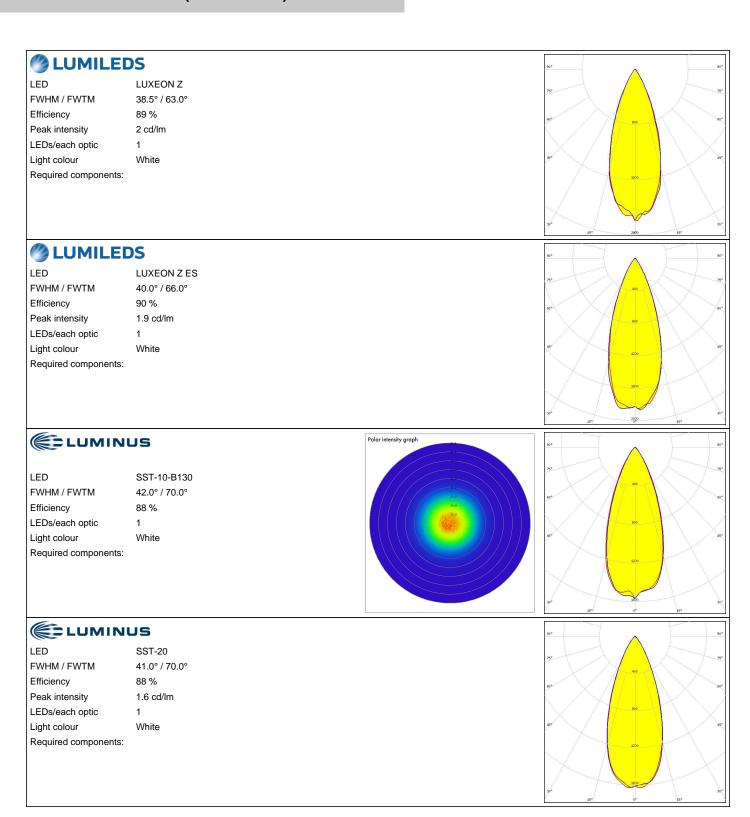
## **MUMILEDS**

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

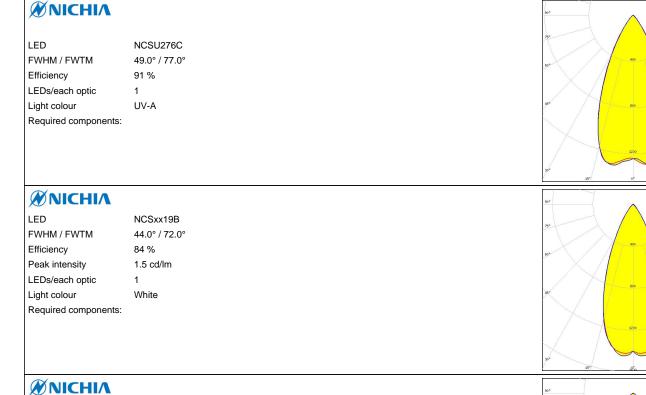
Required components:



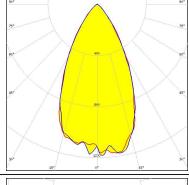








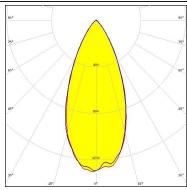






NVSxx19B/NVSxx19C

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





#### **OSRAM**

LED

Duris S5 (2 chip) 36.0° / 66.0°

FWHM / FWTM

Efficiency

88 %

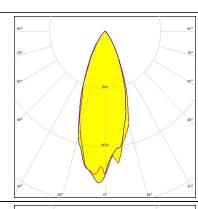
Peak intensity

1.9 cd/lm

LEDs/each optic 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

1

Light colour Required components: White



# OSRAM Opto Semiconductor

LED

OSCONIQ P 3030

FWHM / FWTM

38.0° / 66.0°

Efficiency

87 %

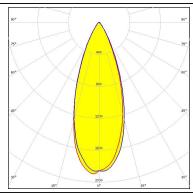
Peak intensity

1.9 cd/lm

LEDs/each optic Light colour

1 White

Required components:



#### **OSRAM**

LED

**OSLON Black** 

FWHM / FWTM Efficiency

33.0° / 60.0°

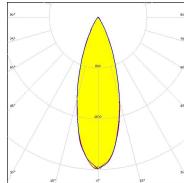
Peak intensity

90 % 2.4 cd/lm

LEDs/each optic Light colour

White

Required components:



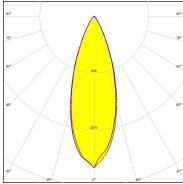


#### **OSRAM**

LED

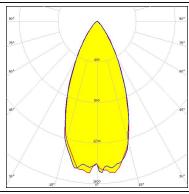
OSLON Black Flat (LUW HWQP)

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



#### **OSRAM**

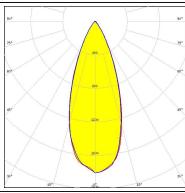
LED OSLON Square EC FWHM / FWTM 44.0° / 75.0° Efficiency 88 % Peak intensity 1.4 cd/lm LEDs/each optic 1 White Light colour Required components:



# OSRAM Opto Semiconductor

LED OSLON Square Flat FWHM / FWTM 39.0° / 67.0° Efficiency 89 % Peak intensity 1.8 cd/lm LEDs/each optic 1 Light colour White

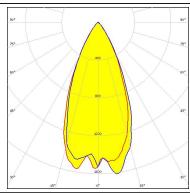
Required components:



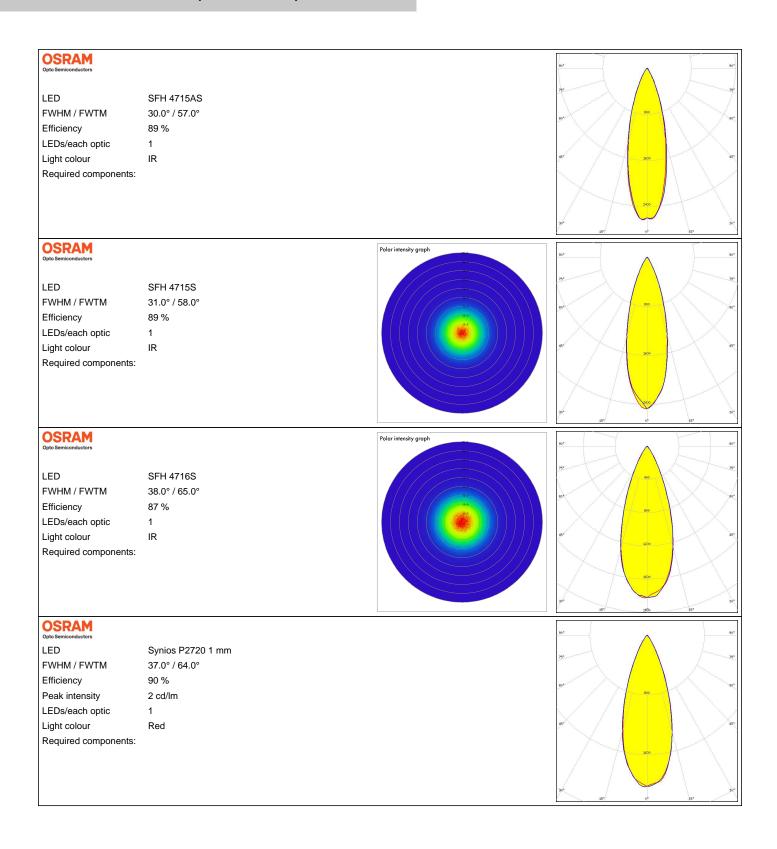
### **OSRAM**

LED OSLON SSL 150 FWHM / FWTM 45.0° / 73.0° Efficiency 90 % Peak intensity 1.4 cd/lm

LEDs/each optic White Light colour Required components:







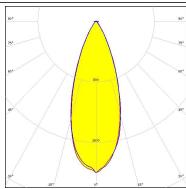


#### **OSRAM**

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:

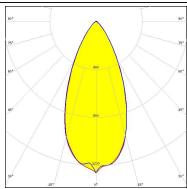


# **SAMSUNG**

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:

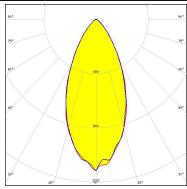


# **SAMSUNG**

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:

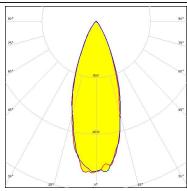


# **SAMSUNG**

LED LM301A FWHM / FWTM 36.0° / 76.0°

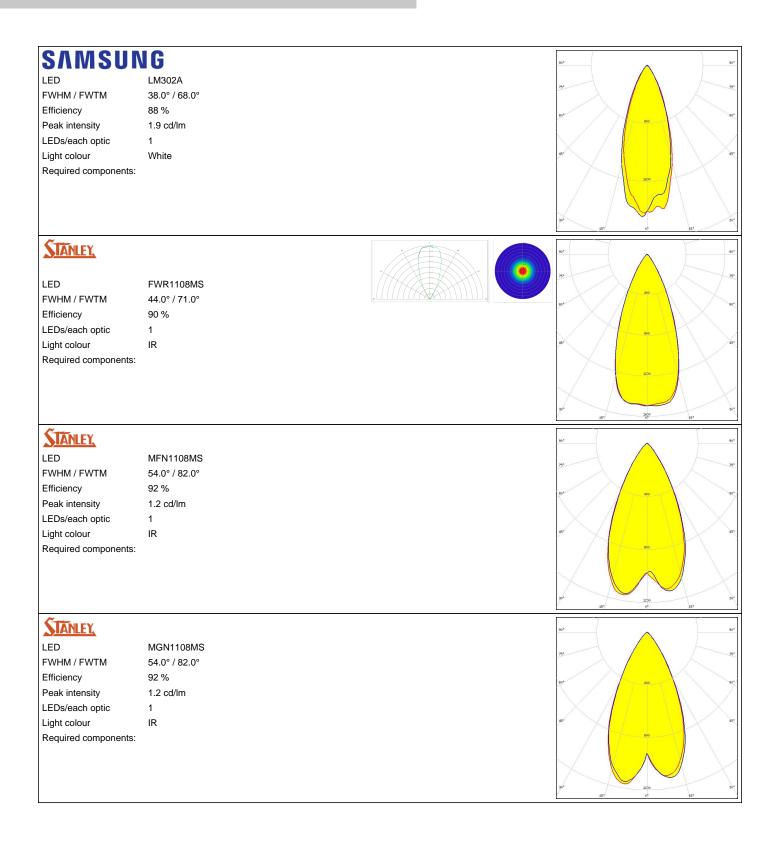
Efficiency 88 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White

Required components:

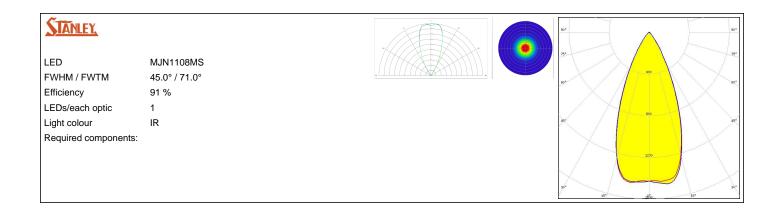


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# PRODUCT DATASHEET FP16561\_LISA3-WW-PIN

#### **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:**

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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#### **LEDIL Oy**

Joensuunkatu 13 FI-24240 SALO Finland

#### LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

# Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

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#### **Distribution Partners**

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