

#### **LISA2-WWW-PIN**

~80° wide beam. 7.0 mm high variant with location pin installation.

#### **TECHNICAL SPECIFICATIONS:**

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

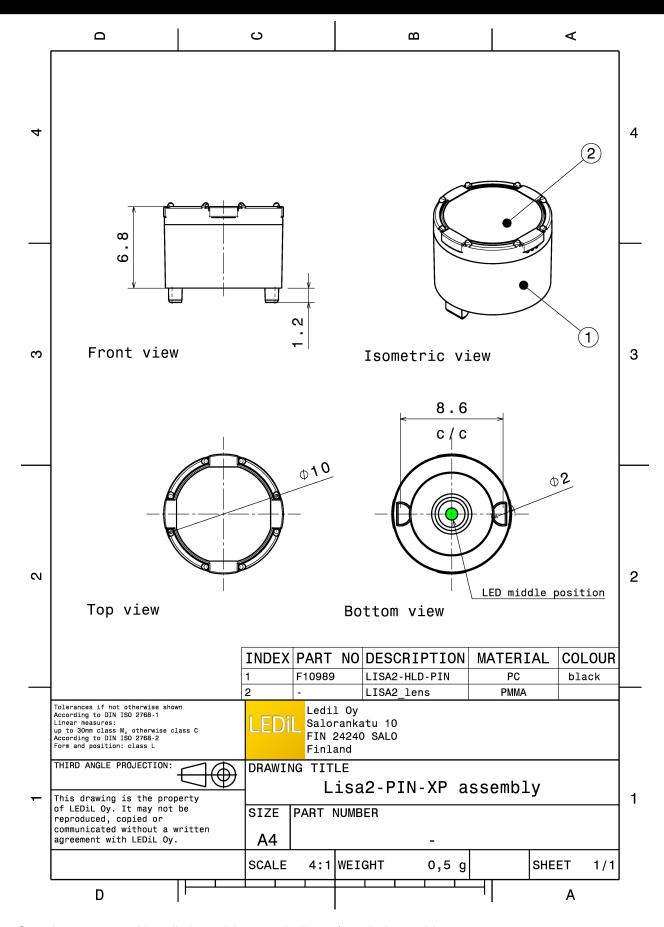


#### **MATERIAL SPECIFICATIONS:**

Component	Type	Material	Colour	Finish
LISA2-WWW	Single lens	PMMA	clear	
LISA2-HLD-PIN	Holder	PC	black	

#### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11429_LISA2-WWW-PIN	Single lens	2000		100	1.4
» Box size:					



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



# PHOTOMETRIC DATA (MEASURED):



LED XB-D FWHM / FWTM 73.0° / 116.0°

Efficiency 71 %

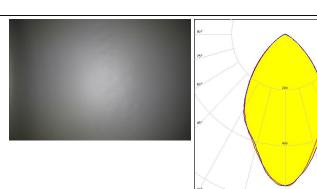
LEDs/each optic 1

Light colour White

Required components:

#### CREE & LED

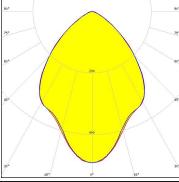
LED XD16
FWHM / FWTM 66.0° / 110.0°
Efficiency 66 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



#### CREE - LED

LED XP-E
FWHM / FWTM 84.0°
Efficiency 77 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

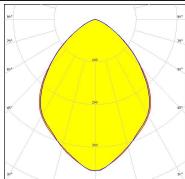




#### CREE - LED

LED XP-G
FWHM / FWTM 86.0° / 126.0°
Efficiency 75 %

Peak intensity 0.4 cd/lm LEDs/each optic 1
Light colour White Required components:





# PHOTOMETRIC DATA (MEASURED):

#### **MUMILEDS**

LED LUXEON A
FWHM / FWTM 86.0° / 122.0°
Efficiency 72 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

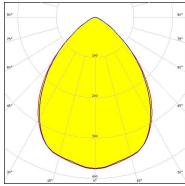


## LUMILEDS

Required components:

LED LUXEON Rebel ES

FWHM / FWTM 88.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



# **MILEDS**

LED LUXEON Z
FWHM / FWTM 73.0° / 106.0°

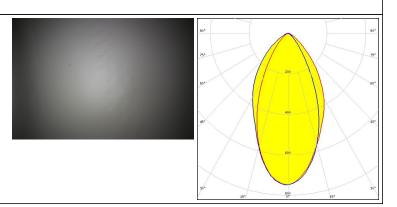
Efficiency 75 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



#### **WNICHIA**

LED NVSxE21A
FWHM / FWTM 53.0° / 98.0°
Efficiency 70 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1

Light colour White Required components:





# PHOTOMETRIC DATA (MEASURED):

### **OSRAM**

LED SFH 4170S  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 58.0° / 114.0°

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

# OSRAM Opto Semiconductors

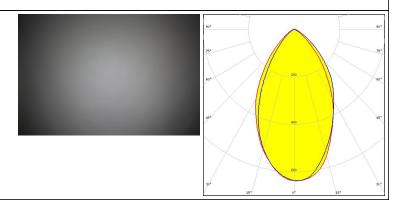
LED SFH 4180S FWHM / FWTM 57.0° / 112.0°

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

# **SAMSUNG**

LH181B LED  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 62.0° / 104.0° Efficiency 72 % Peak intensity 0.6 cd/lm

LEDs/each optic Light colour White Required components:





# PHOTOMETRIC DATA (SIMULATED):

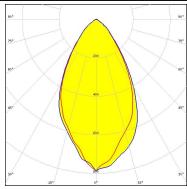


LED XQ-E HD
FWHM / FWTM 70.0° / 126.0°
Efficiency 81 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:

#### **MUMILEDS**

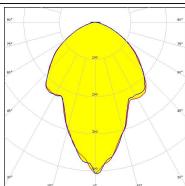
LED LUXEON IR 2720
FWHM / FWTM 58.0° / 101.0°
Efficiency 76 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour IR
Required components:



## LUMILEDS

LED LUXEON SunPlus 20 Line (150 deg)

FWHM / FWTM 84.0° / 140.0°
Efficiency 73 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



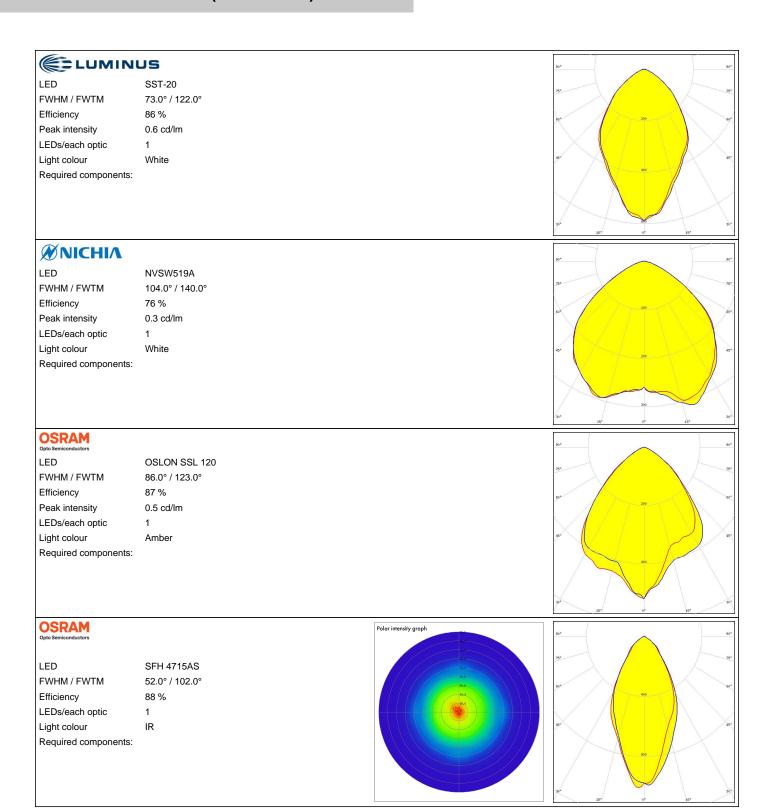
## **MUMILEDS**

Required components:

LED LUXEON TX
FWHM / FWTM 80.0° / 130.0°
Efficiency 83 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White



# PHOTOMETRIC DATA (SIMULATED):





# PHOTOMETRIC DATA (SIMULATED):

# **SAMSUNG**

 LED
 LM301B

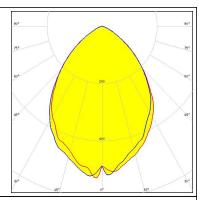
 FWHM / FWTM
 80.0° / 122.0°

 Efficiency
 86 %

 Peak intensity
 0.5 cd/lm

LEDs/each optic 1
Light colour White

Required components:



SEOUL SEMICONDUCTOR

 LED
 Z5

 FWHM / FWTM
 70.0°

 Efficiency
 %

 LEDs/each optic
 1

 Light colour
 White

Required components:



# PRODUCT DATASHEET FP11429\_LISA2-WWW-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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