

# **IRIS-SCREW**

 $\sim\!5^\circ$  spot beam with holder optimized for CREE XM-L. Assembly with screws.

## **SPECIFICATION:**

Dimensions Ø 38.0
Height 27.3 mm
Fastening glue, pin, screw
ROHS compliant yes ①



### **MATERIALS:**

Component	Туре	Material	Colour	Finish	Length (mm)
F12075_IRIS	Single lens	PMMA	clear		
C12034_IRIS-XM-HLD	Holder	PC	black		

## **ORDERING INFORMATION:**

### **Quantities for one set:**

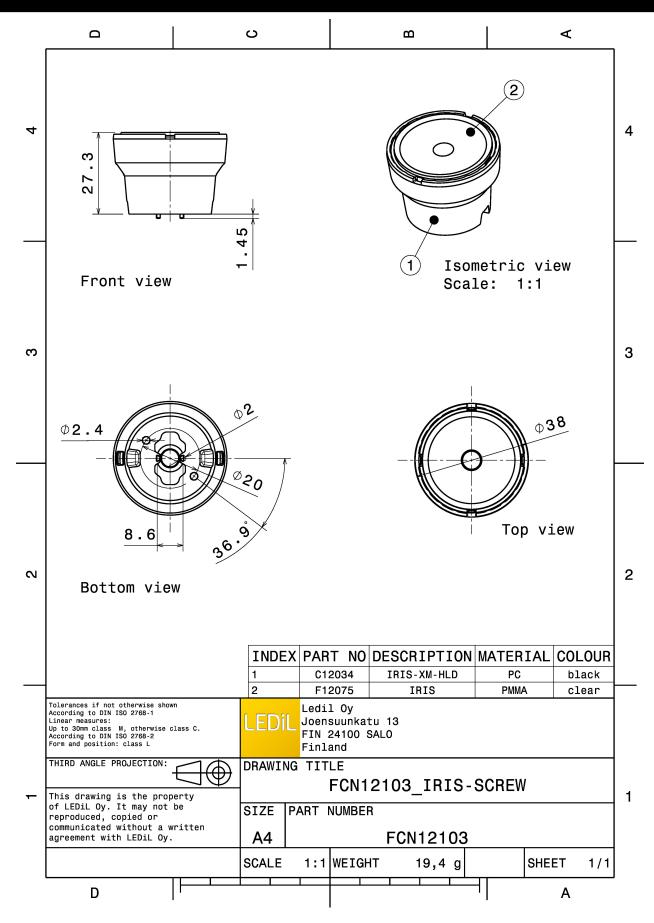
Single lens 1

Holder 1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
F12075_IRIS » Box size: 480 x 280 x 300 mm	Single lens	450	90	45	7.5
C12034_IRIS-XM-HLD  » Box size: 480 x 280 x 300 mm	Holder	1080	90	15	7.3





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



# **OPTICAL RESULTS (MEASURED):**

# CREE \$

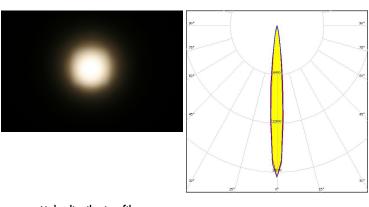
LED XM-L
FWHM / FWTM 9.0° / 21.0°
Efficiency 91 %
LEDs/each optic 1
Light colour/type White
Required components:

## Light distribution files

# CREE \$

LED XM-L2
FWHM / FWTM 10.0° / 21.0°
Efficiency 88 %
Peak intensity 19.9 cd/lm

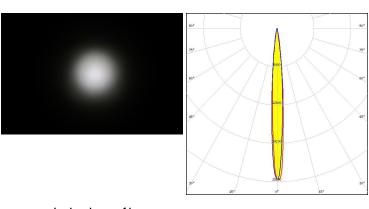
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

# CREE -

LED XM-L3
FWHM / FWTM 9.0° / 18.0°
Efficiency 93 %
Peak intensity 25.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

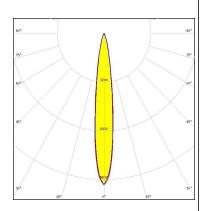


# **OPTICAL RESULTS (SIMULATED):**

#### OSRAM Opto Semiconductors

LED Duris S8
FWHM / FWTM 14.0° / 30.0°
Efficiency 94 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

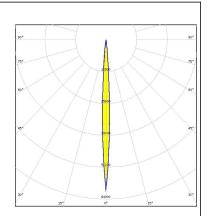


Light distribution files

#### OSRAM Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 6.0° / 12.0°
Efficiency 93 %
Peak intensity 61 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

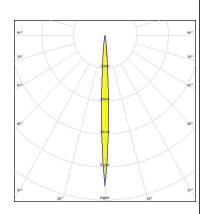


Light distribution files

# **SAMSUNG**

LED LM101B
FWHM / FWTM 6.0° / 12.0°
Efficiency 92 %
Peak intensity 58.9 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



#### **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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