

# PRODUCT DATASHEET CN12216\_IRIS-IR-M

# **IRIS-IR-M**

 ${\sim}25^\circ$  infrared medium beam with sublens and holder

## **TECHNICAL SPECIFICATIONS:**

Dimensions	Ø 38.0 mm
Height	30.2 mm
Fastening	glue, screw
ROHS compliant	yes 🛈



## **MATERIAL SPECIFICATIONS:**

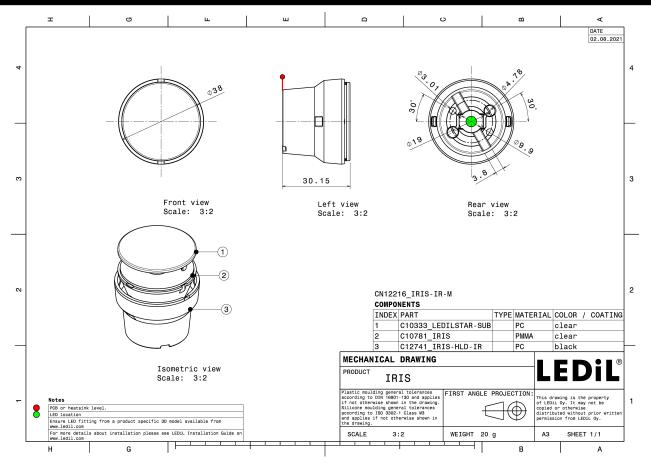
Component	Туре	Material	Colour	Finish
IRIS	Single lens	PMMA	clear	
IRIS-HLD-IR	Holder	PC	black	
LEDILSTAR-SUB	Sublens	PC		

### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CN12216_IRIS-IR-M	Single lens	348	116	116	0.0
» Box size:					



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



### **PHOTOMETRIC DATA (MEASURED):**

		95	90°
LED	XHP50.2	75	75*
FWHM / FWTM	31.0° / 62.0°		13
Efficiency	71 %		60%
Peak intensity	1.8 cd/lm		
LEDs/each optic	1		
Light colour	White	<b>9</b> .	45°
Required compone	ents:		
		900 - 200 - 200	3%•



## PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors		· · · · · ·	50°
LED	SFH 4717AS		21
FWHM / FWTM	13.0° / 25.0°		50° 50°
Efficiency	80 %		$r \times / / \wedge \times \gamma$
LEDs/each optic	1		
Light colour	IR		ar <u>5400</u> ar
Required component	IS:		30'



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#### **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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