

## IRIS-M

~25° medium beam with sublens and holder

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	30 mm
Fastening	glue, screw
ROHS compliant	yes ⓘ

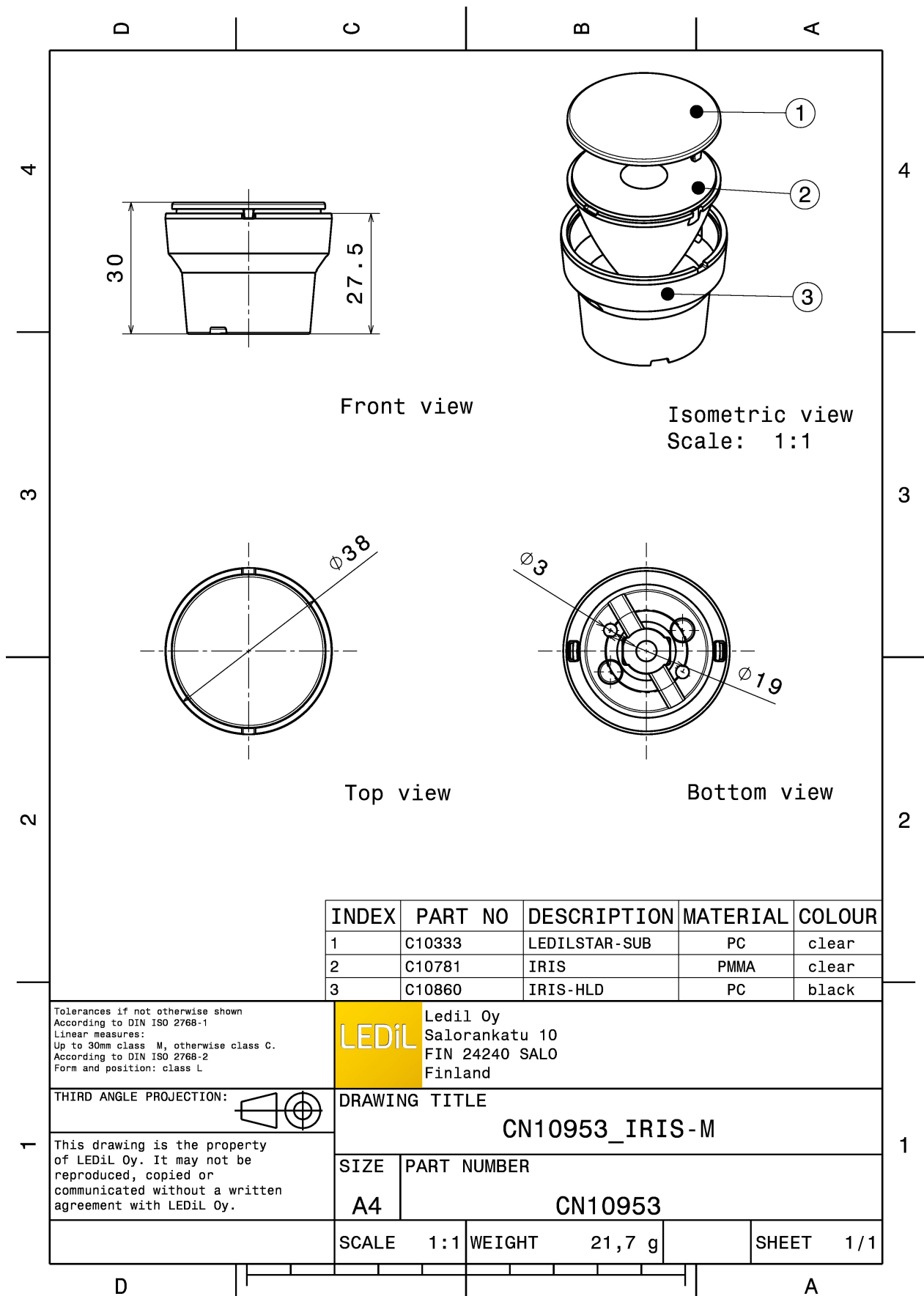
### MATERIAL SPECIFICATIONS:

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



### ORDERING INFORMATION:

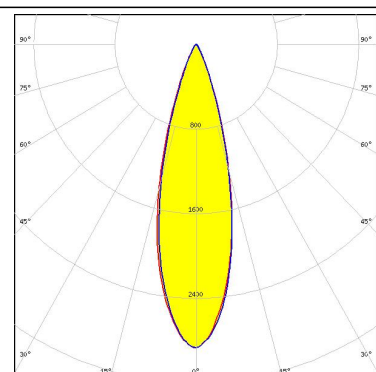
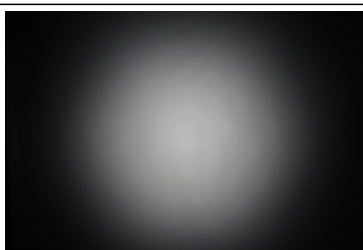
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CN10953_IRIS-M	Single lens	348	116	116	0.0
» Box size:					



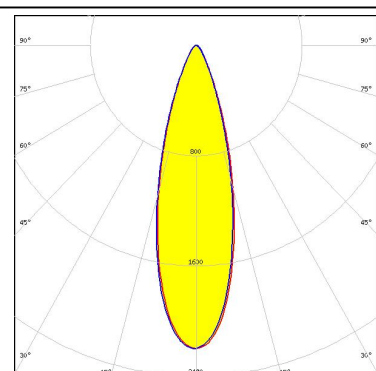
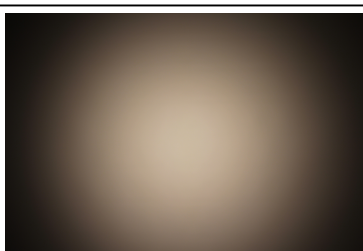
### PHOTOMETRIC DATA (MEASURED):



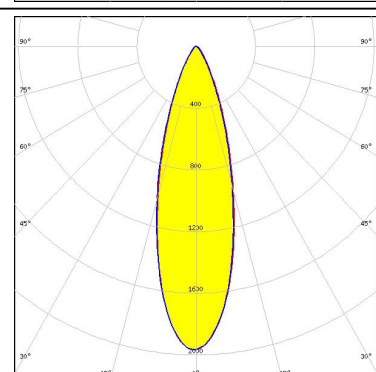
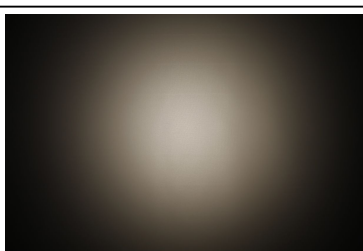
LED MC-E  
FWHM 28.0°  
Efficiency 81 %  
Peak intensity 2.9 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



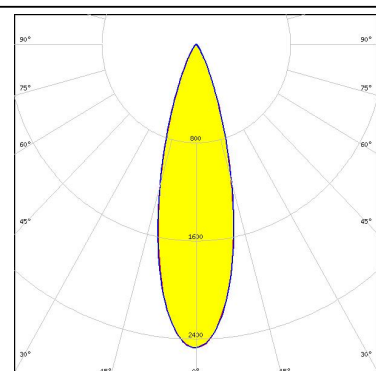
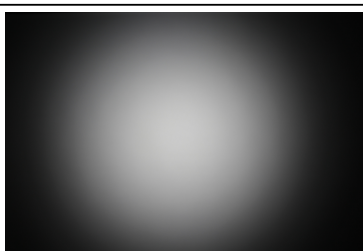
LED MHD-E/G  
FWHM 30.0°  
Efficiency 93 %  
Peak intensity 2.2 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



LED XHP50  
FWHM 30.0°  
Efficiency 75 %  
Peak intensity 2 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



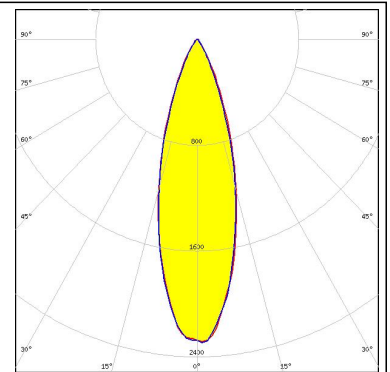
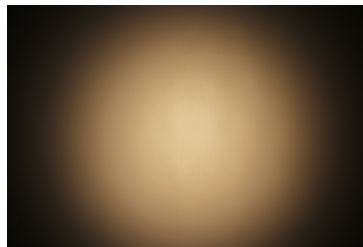
LED XHP50.2  
FWHM 29.0°  
Efficiency 77 %  
Peak intensity 2.5 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED Duris S10  
FWHM 30.0°  
Efficiency 75 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

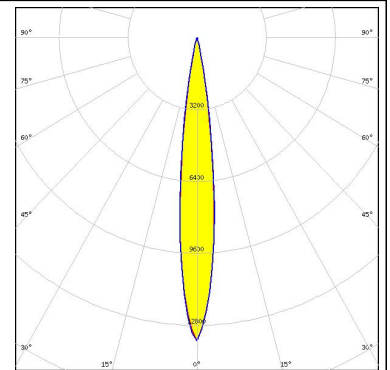




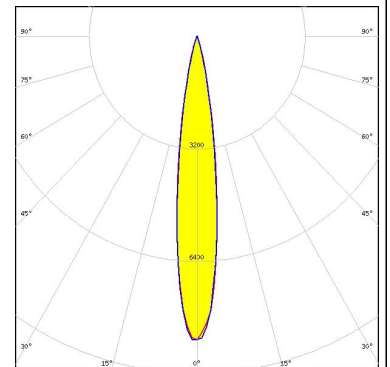
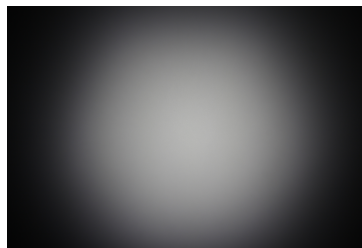
### PHOTOMETRIC DATA (SIMULATED):



LED XHP35 HI  
FWHM 13.0°  
Efficiency 84 %  
Peak intensity 13.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSLOM Square Flat  
FWHM 15.0°  
Efficiency 80 %  
Peak intensity 8.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### 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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