

## 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 ⓘ

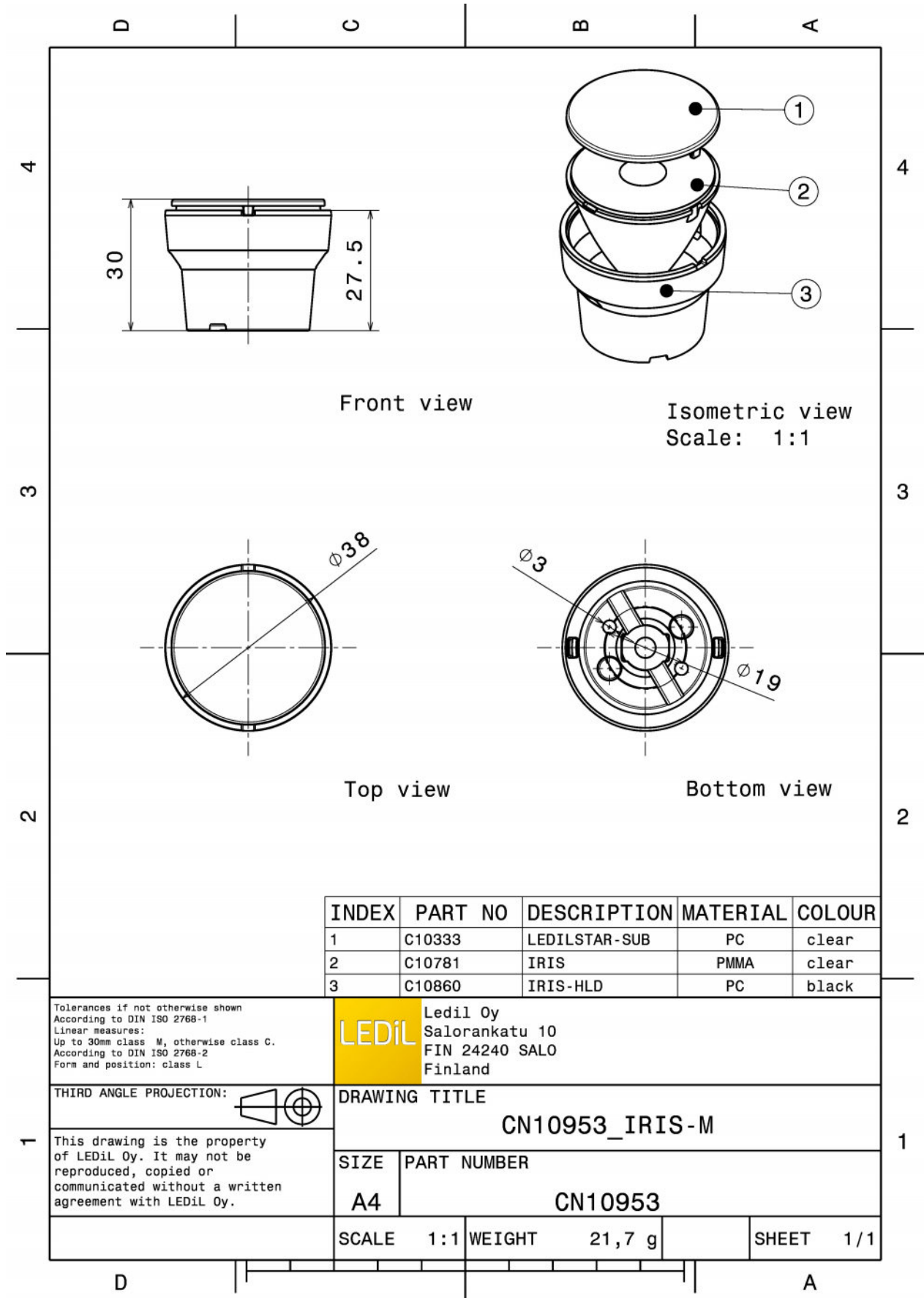
### MATERIAL SPECIFICATIONS:

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




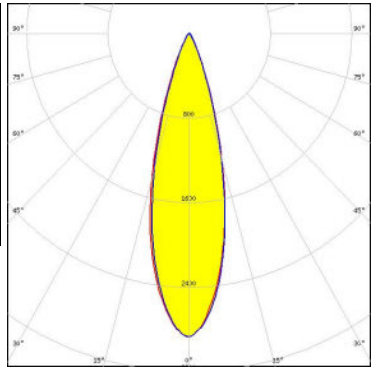
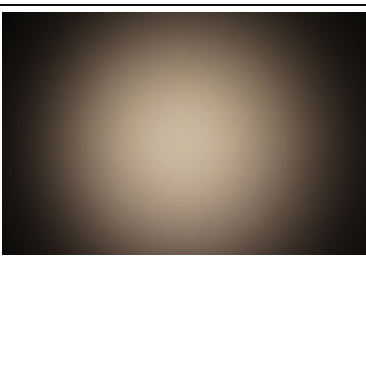
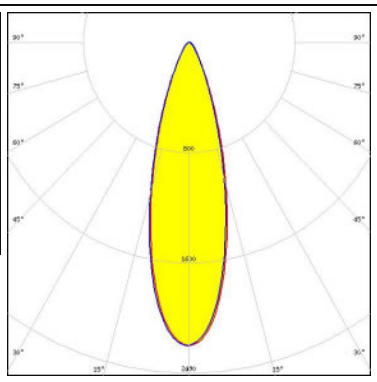
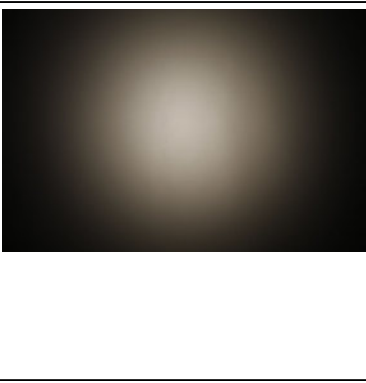
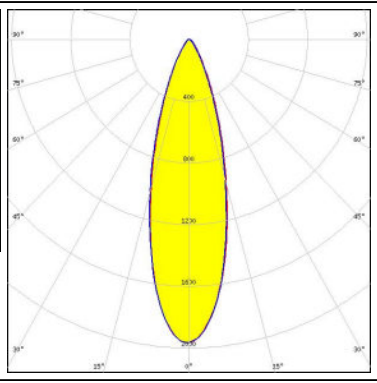
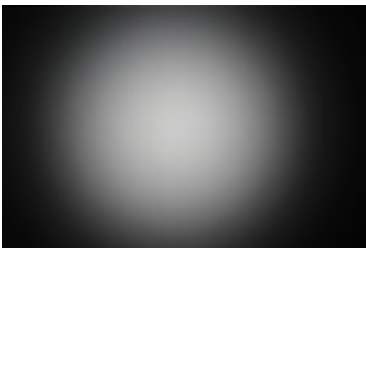
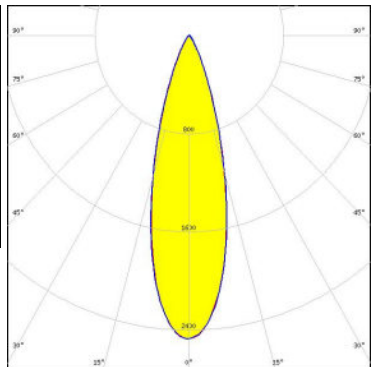
### ORDERING INFORMATION:

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



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

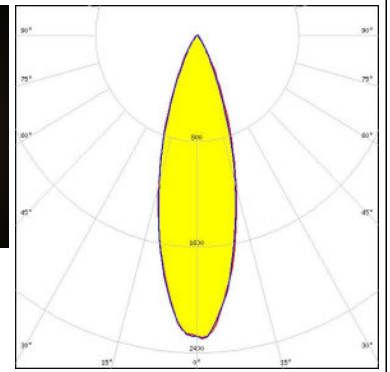
### PHOTOMETRIC DATA (MEASURED):

<p><b>CREE</b> → <b>LED</b></p> <p>LED MC-E            FWHM / FWTM 28.0° / 48.0°            Efficiency 81 %            Peak intensity 2.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED MHD-E/G            FWHM / FWTM 30.0° / 58.0°            Efficiency 93 %            Peak intensity 2.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED XHP50            FWHM / FWTM 30.0° / 60.0°            Efficiency 75 %            Peak intensity 2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED XHP50.2            FWHM / FWTM 29.0° / 53.0°            Efficiency 77 %            Peak intensity 2.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

### PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

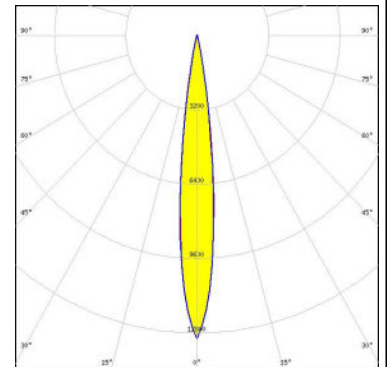
LED Duris S10  
FWHM / FWTM 30.0° / 56.0°  
Efficiency 75 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (SIMULATED):

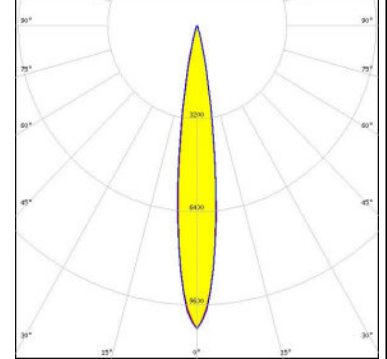
#### CREE → LED

LED XD16  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 76 %  
 Peak intensity 13.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



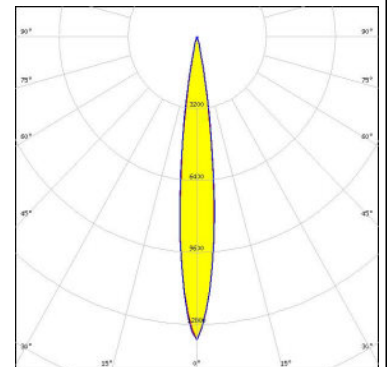
#### CREE → LED

LED XHP35 HD  
 FWHM / FWTM 14.0° / 28.0°  
 Efficiency 84 %  
 Peak intensity 10.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



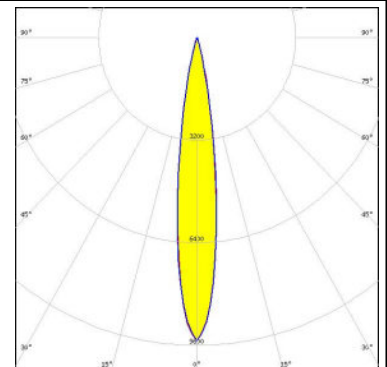
#### CREE → LED

LED XHP35 HI  
 FWHM / FWTM 13.0° / 24.0°  
 Efficiency 84 %  
 Peak intensity 13.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE → LED

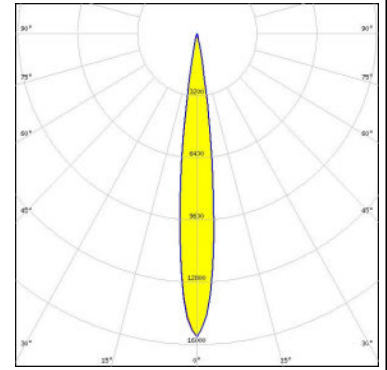
LED XHP50.3 HD  
 FWHM / FWTM 15.0 + 16.0° / 28.0°  
 Efficiency 80 %  
 Peak intensity 9.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



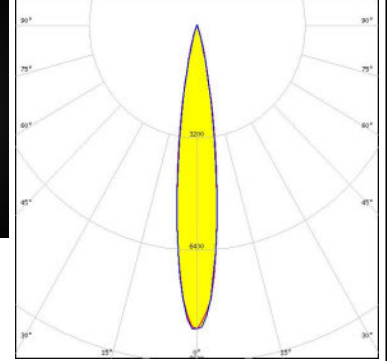
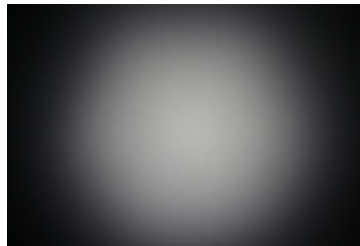
### PHOTOMETRIC DATA (SIMULATED):



LED XP-E2  
FWHM / FWTM 12.0° / 22.0°  
Efficiency 83 %  
Peak intensity 15.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSLOM Square Flat  
FWHM / FWTM 15.0° / 30.0°  
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:

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