

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 ⓘ

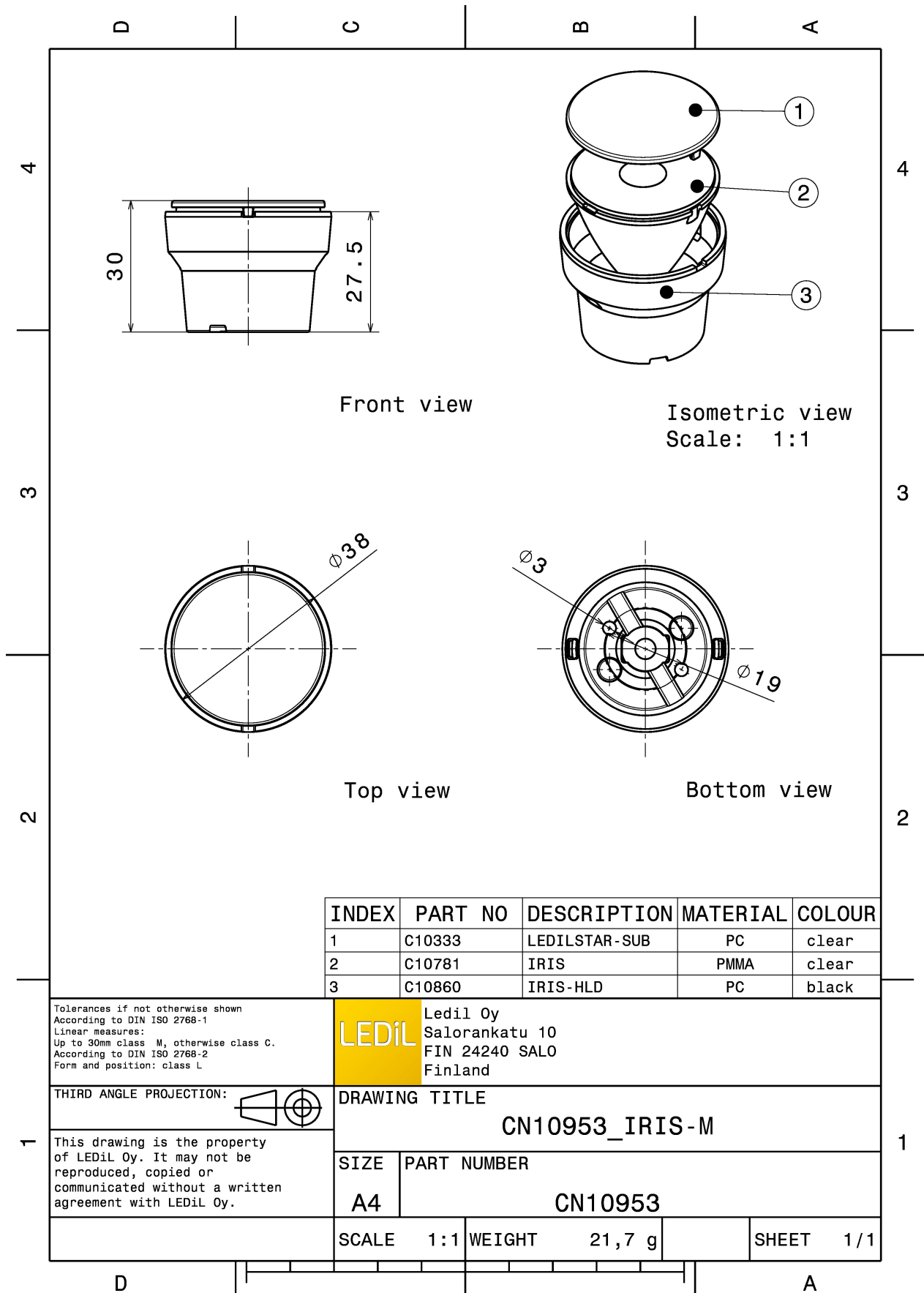
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

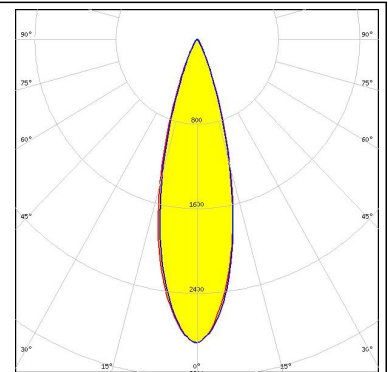
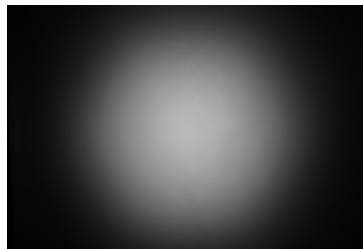
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CN10953_IRIS-M	Single lens	348	116	116	0.0
» Box size:					



PHOTOMETRIC DATA (MEASURED):

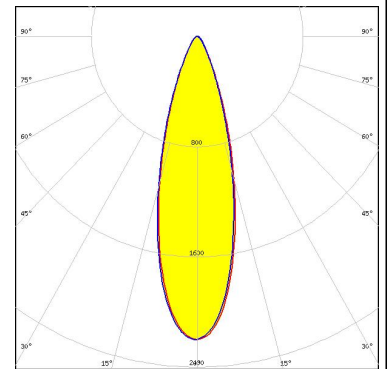
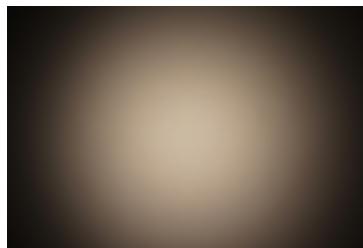
CREE 

LED MC-E
 FWHM 28.0°
 Efficiency 81 %
 Peak intensity 2.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



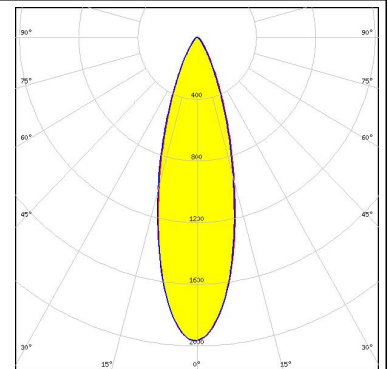
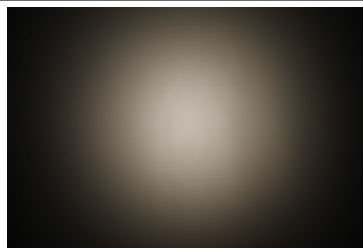
CREE 

LED MHD-E/G
 FWHM 30.0°
 Efficiency 93 %
 Peak intensity 2.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



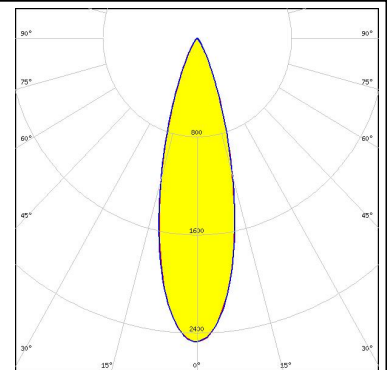
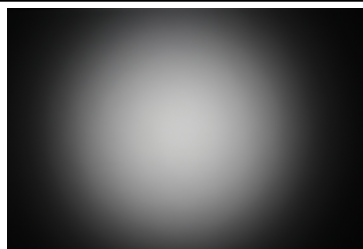
CREE 

LED XHP50
 FWHM 30.0°
 Efficiency 75 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE 

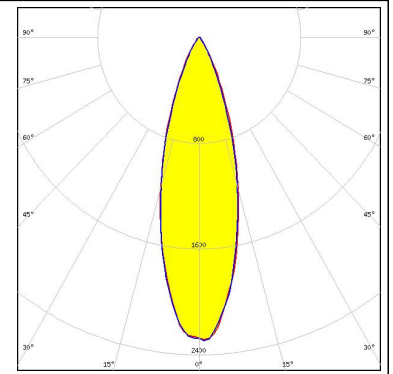
LED XHP50.2
 FWHM 29.0°
 Efficiency 77 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

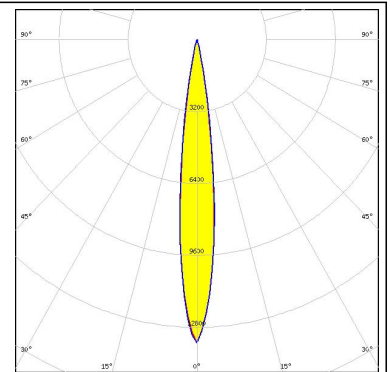
LED Duris S10
FWHM 30.0°
Efficiency 75 %
Peak intensity 2.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

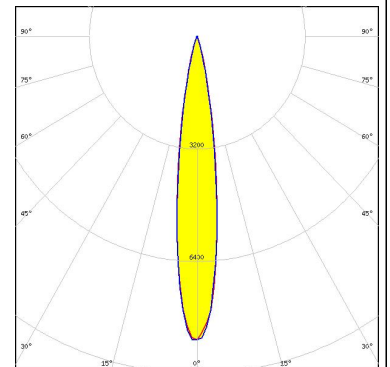
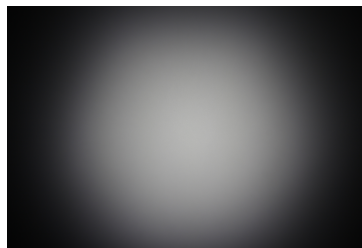
CREE 

LED XHP35 HI
FWHM 13.0°
Efficiency 84 %
Peak intensity 13.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors

LED OSLOM Square Flat
FWHM 15.0°
Efficiency 80 %
Peak intensity 8.660 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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