

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 ⓘ

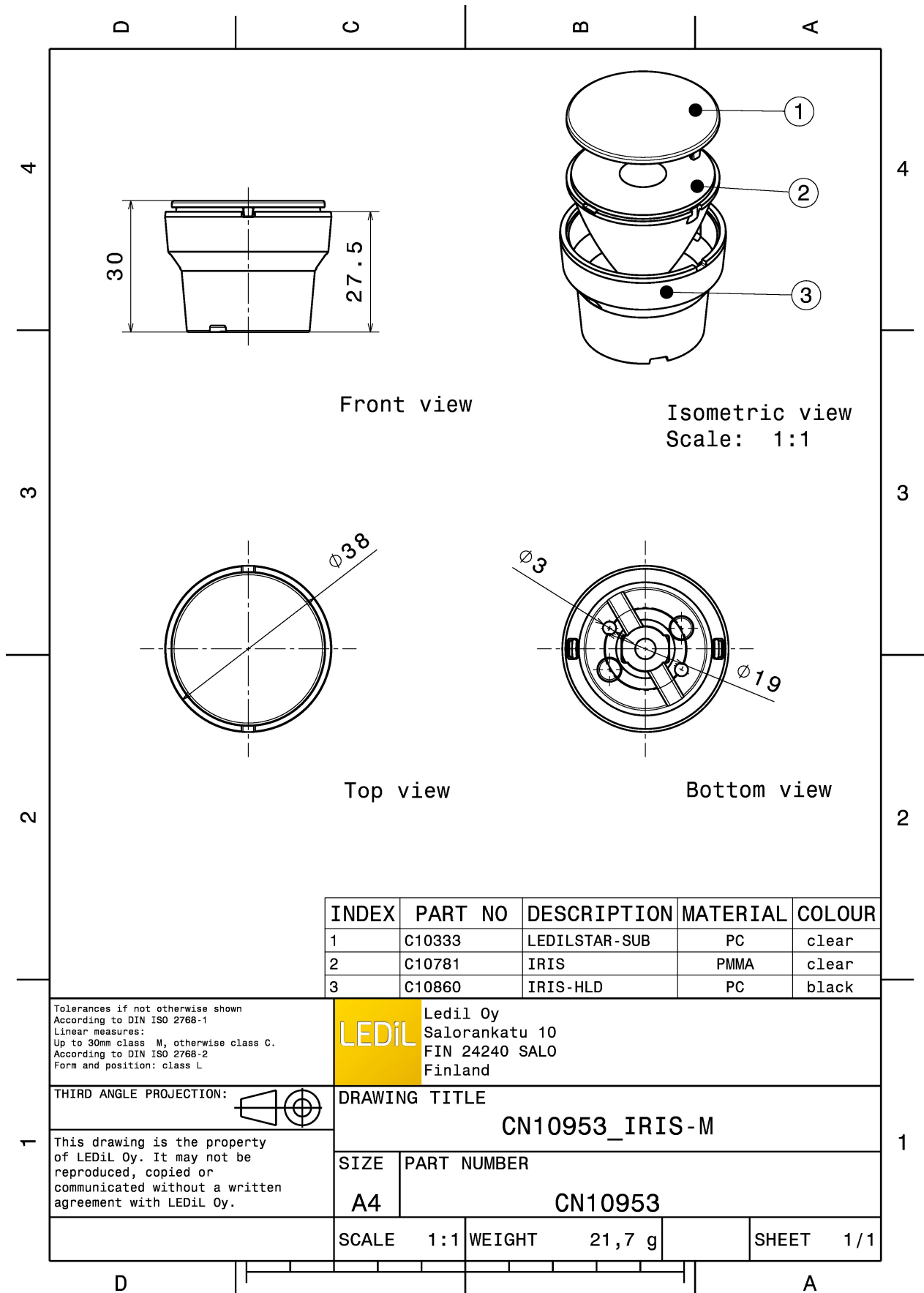
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

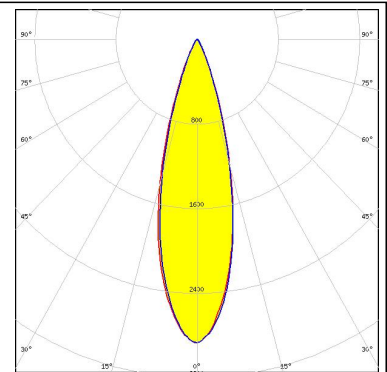
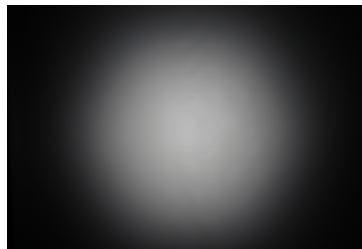
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CN10953_IRIS-M	Single lens	348	116	116	0.0
» Box size:					



PHOTOMETRIC DATA (MEASURED):

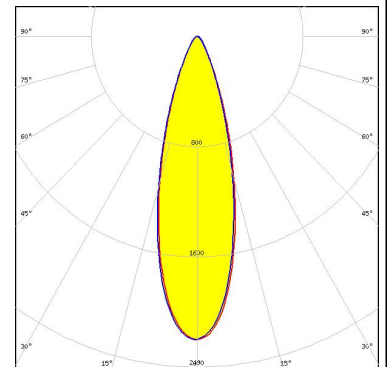
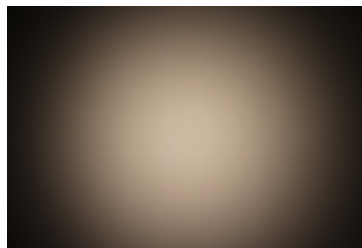
CREE 

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



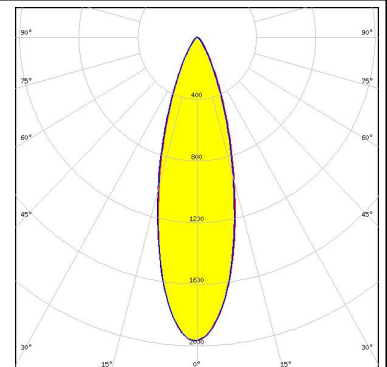
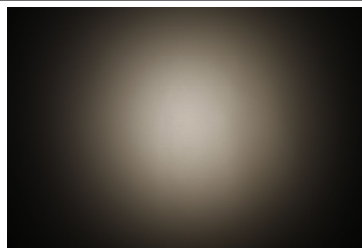
CREE 

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



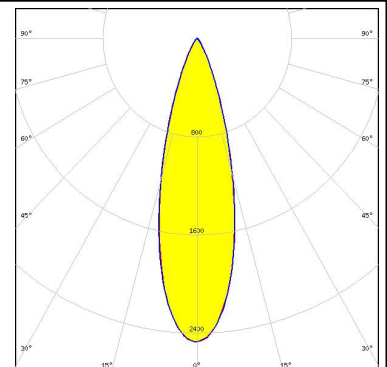
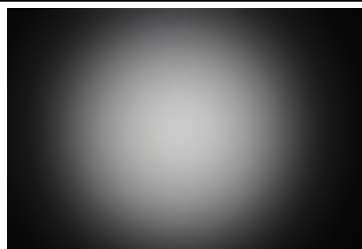
CREE 

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



CREE 

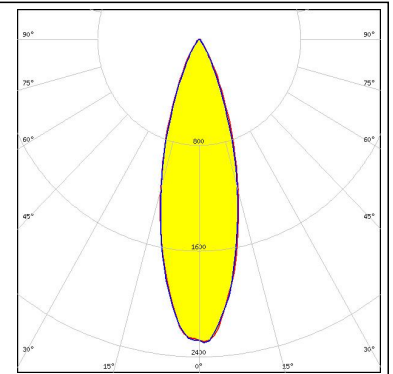
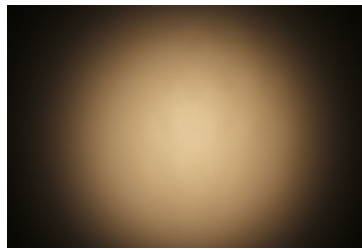
LED XHP50.2
 FWHM 29.0°
 Efficiency 77 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

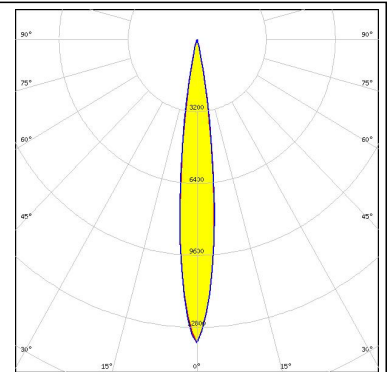
LED Duris S10
FWHM 30.0°
Efficiency 75 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

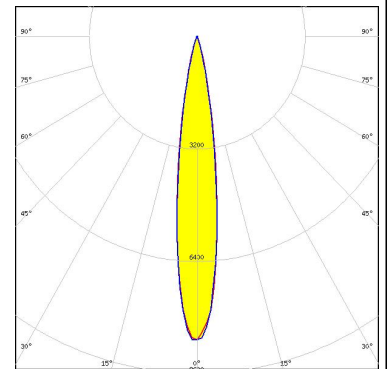
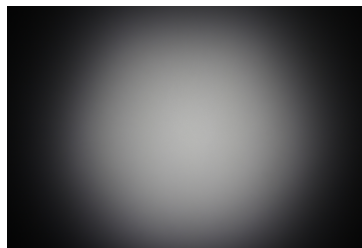
CREE 

LED XHP35 HI
FWHM 13.0°
Efficiency 84 %
Peak intensity 13.5 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 8.7 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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Электрон
Связь**

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Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331