

IRIS-M

~25° medium beam with sublens and holder

SPECIFICATION:

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

MATERIALS:

Component	Type	Material	Colour	Finish
C10781_IRIS	Single lens	PMMA	clear	
C10860_IRIS-HLD	Holder	PC	black	
C10333_LEDILSTAR-SUB	Sublens	PC		

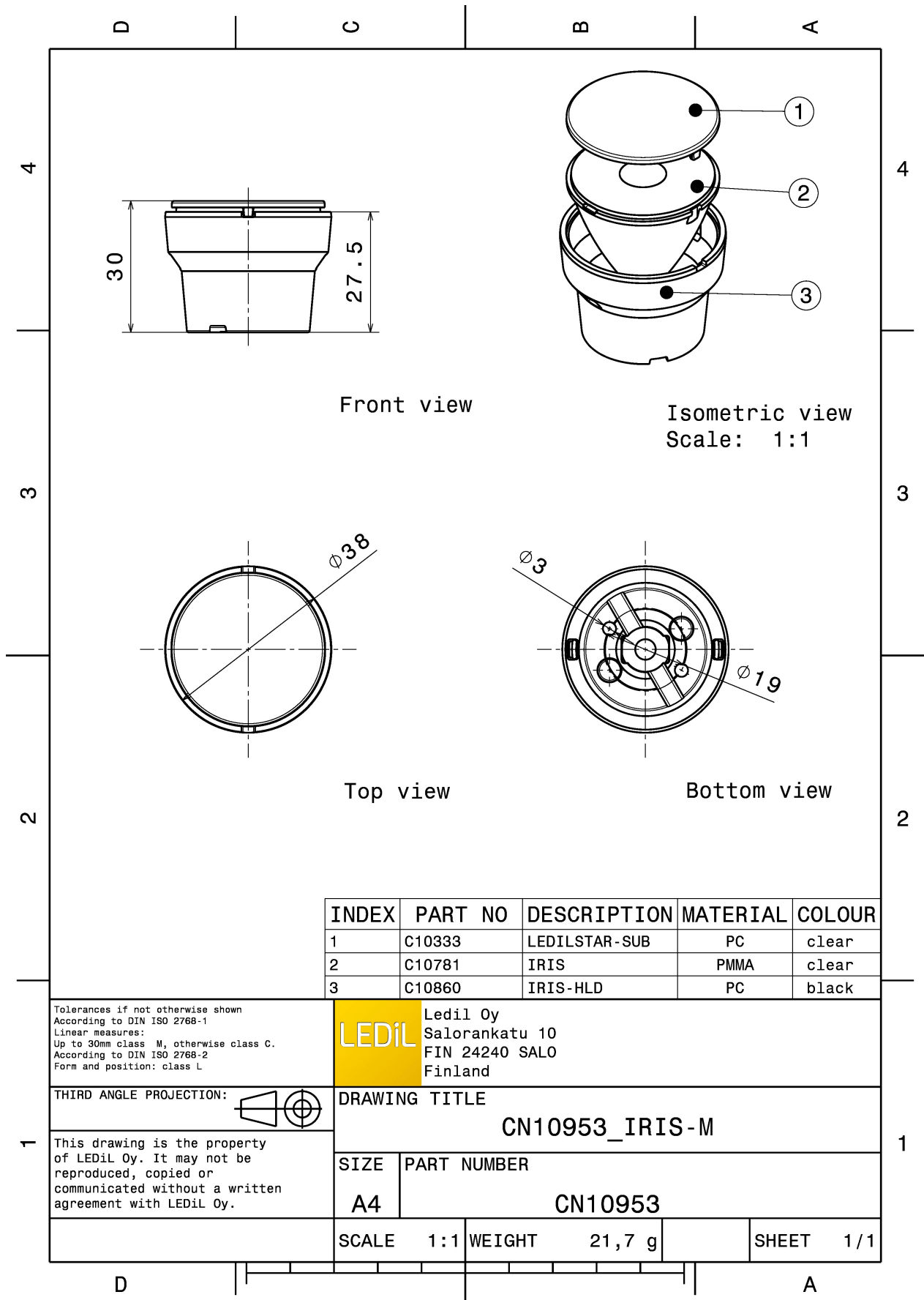


ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1
Sublens	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C10781_IRIS	Single lens	580	116	58	9.0
» Box size: 480 x 280 x 300 mm					
C10860_IRIS-HLD	Holder	1044	116	29	7.2
» Box size: 480 x 280 x 300 mm					
C10333_LEDILSTAR-SUB	Sublens	2500	90	4	4.5
» Box size: 300 x 250 x 250 mm					



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C10333	LEDILSTAR-SUB	PC	clear
2	C10781	IRIS	PMMA	clear
3	C10860	IRIS-HLD	PC	black

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CN10953_IRIS-M


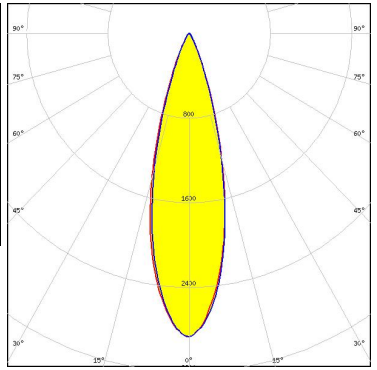

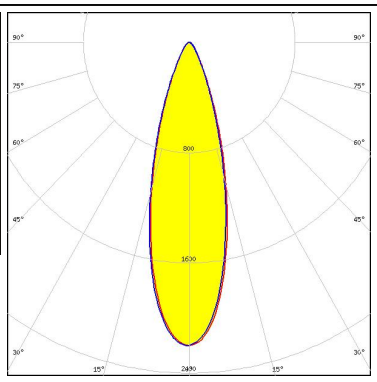

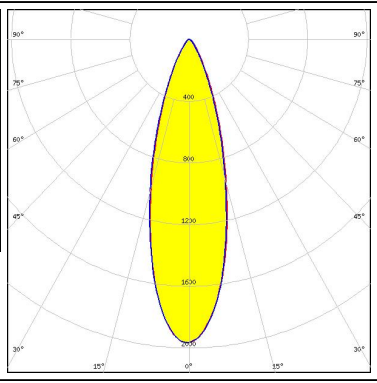

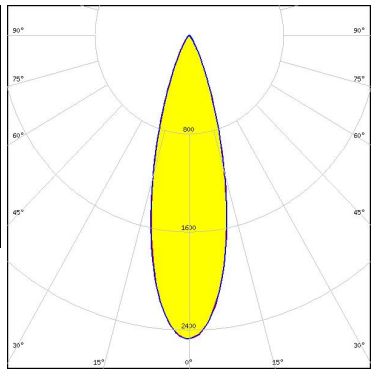
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SIZE	PART NUMBER
A4	CN10953

SCALE	1:1	WEIGHT	21,7 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

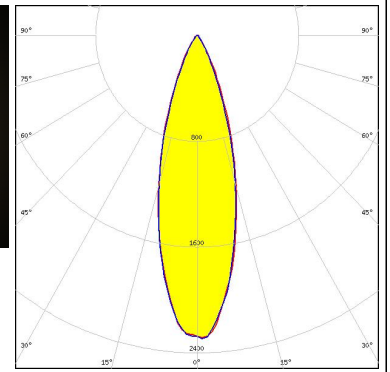
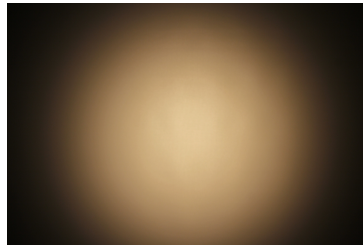
OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</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>CREE LEDs</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>CREE LEDs</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>CREE LEDs</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>		

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

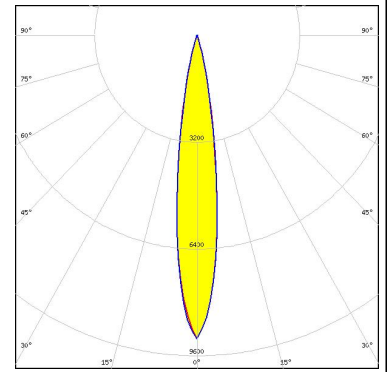
LED	Duris S10
FWHM / FWTM	30.0° / 56.0°
Efficiency	75 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



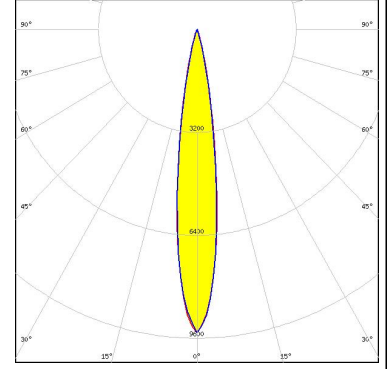
OPTICAL RESULTS (SIMULATED):



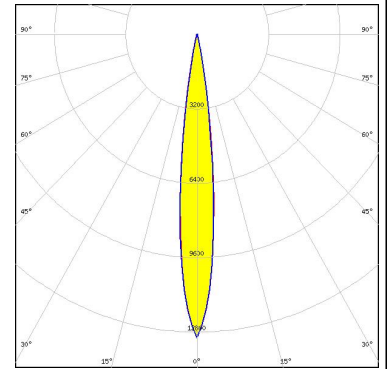
LED J Series 5050B 6V K Class
 FWHM / FWTM 16.0° / 30.0°
 Efficiency 83 %
 Peak intensity 9.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



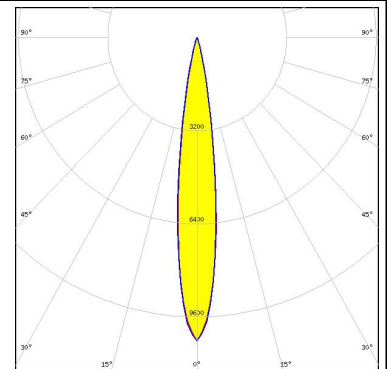
LED J Series 5050C 6V E Class
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 82 %
 Peak intensity 9.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



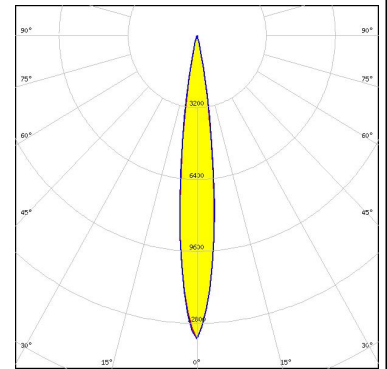
LED XHP35 HD
 FWHM / FWTM 14.0° / 28.0°
 Efficiency 84 %
 Peak intensity 10.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



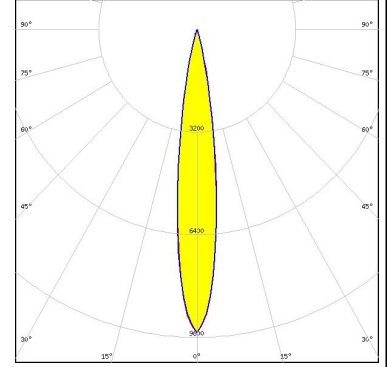
OPTICAL RESULTS (SIMULATED):



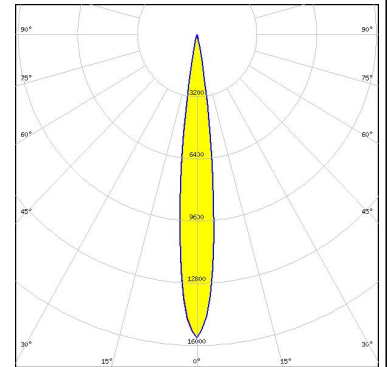
LED XHP35 HI
 FWHM / FWTM 13.0° / 24.0°
 Efficiency 84 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



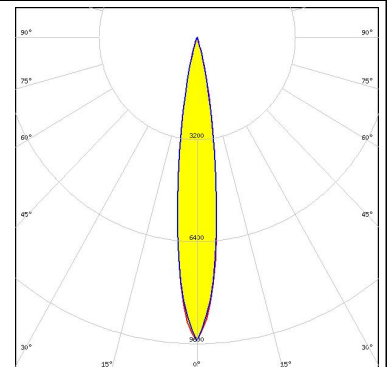
LED XHP50.3 HD
 FWHM / FWTM 15.0 + 16.0° / 28.0°
 Efficiency 80 %
 Peak intensity 9.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:



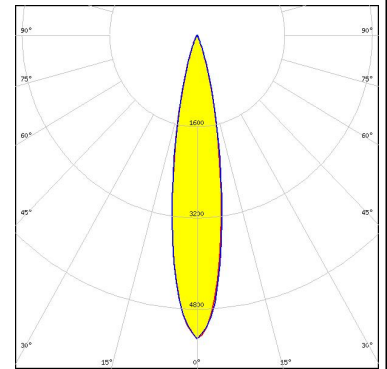
LED LUXEON 5050 Round LES
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 83 %
 Peak intensity 9.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

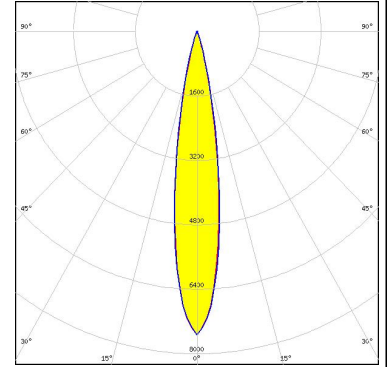
LUMILEDS

LED LUXEON 7070
 FWHM / FWTM 20.0° / 38.0°
 Efficiency 80 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

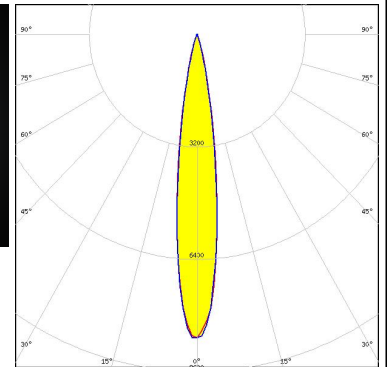
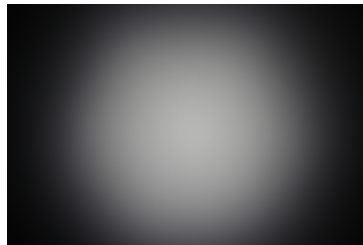
LED LUXEON M/MX
 FWHM / FWTM 18.0° / 32.0°
 Efficiency 82 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Osram Opto Semiconductors

LED OSOLON 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:

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

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

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

Shipping locations

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