

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		

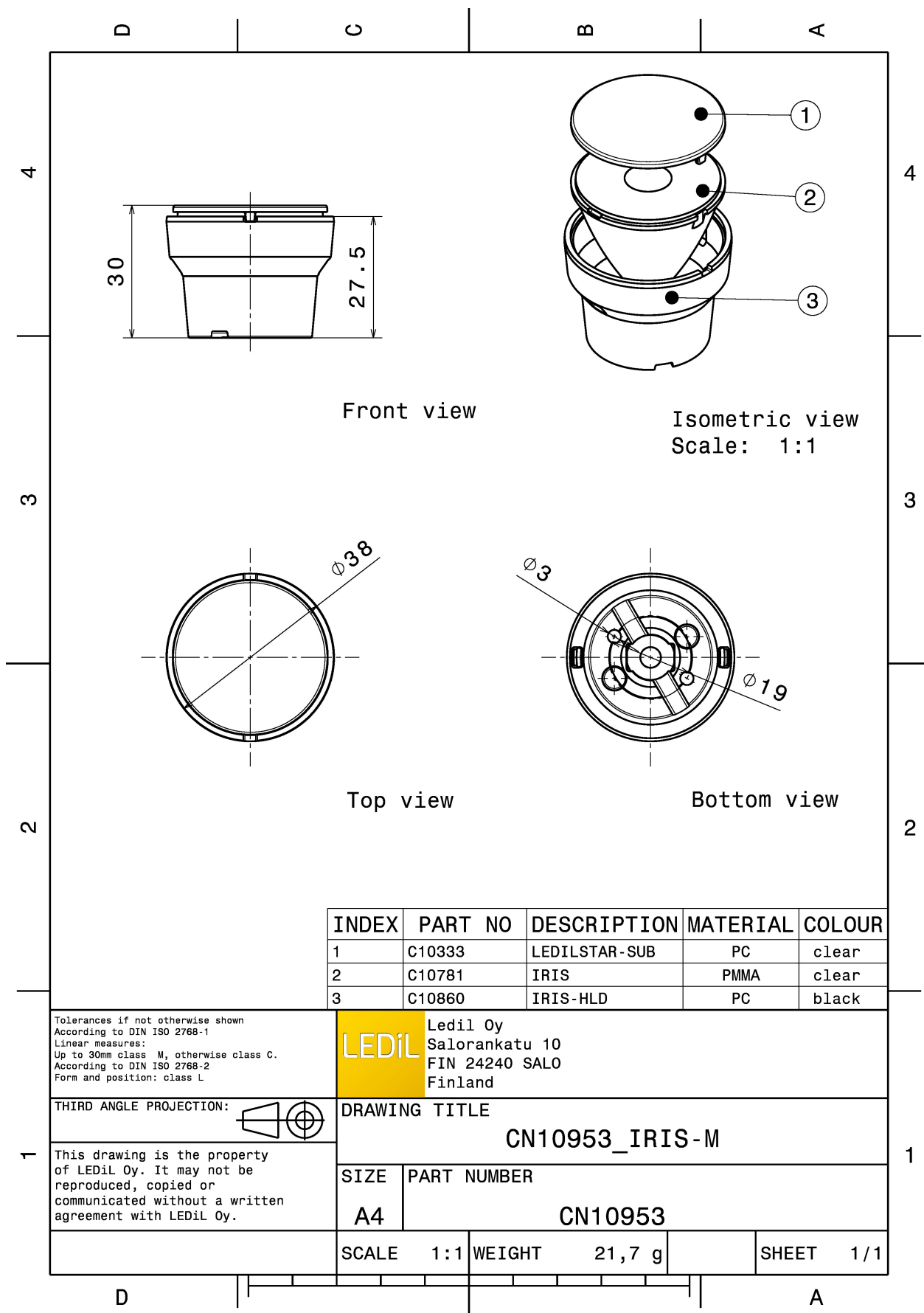
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1
Sublens	1



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

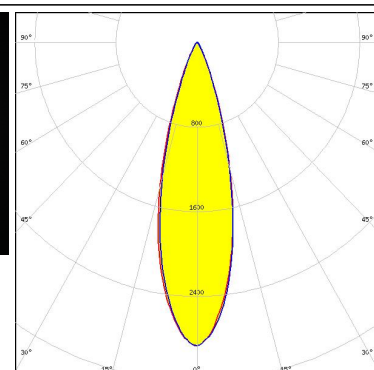
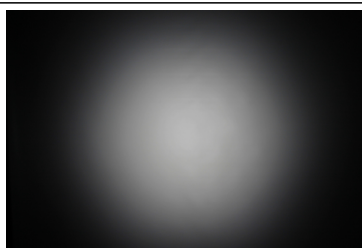


See also our general installation guide: www.ledil.com/installation_guide

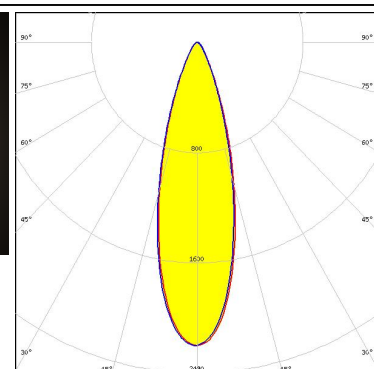
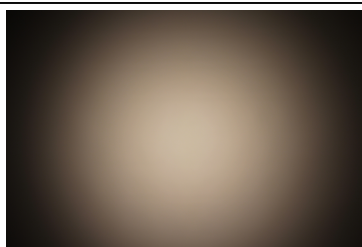
OPTICAL RESULTS (MEASURED):



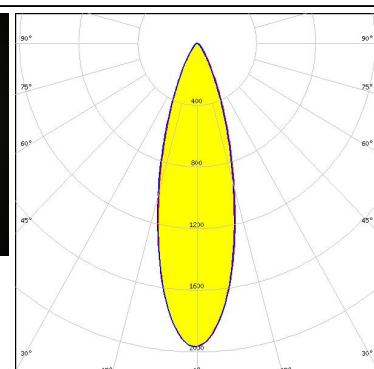
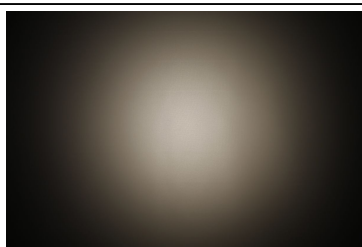
LED MC-E
FWHM / FWTM 28.0° / 48.0°
Efficiency 81 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



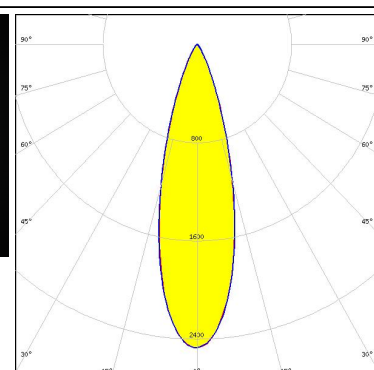
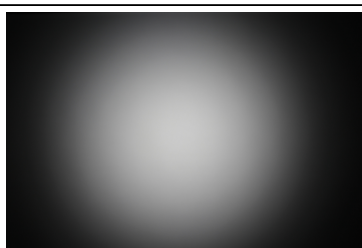
LED MHD-E/G
FWHM / FWTM 30.0° / 58.0°
Efficiency 93 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50
FWHM / FWTM 30.0° / 60.0°
Efficiency 75 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



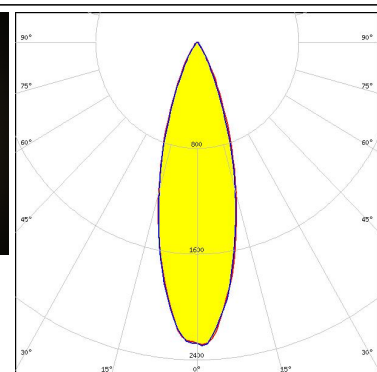
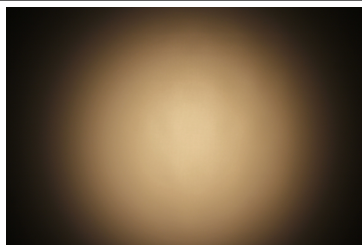
LED XHP50.2
FWHM / FWTM 29.0° / 53.0°
Efficiency 77 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

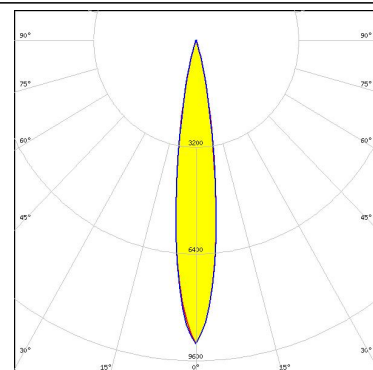
LED Duris S10
FWHM / FWTM 30.0° / 56.0°
Efficiency 75 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



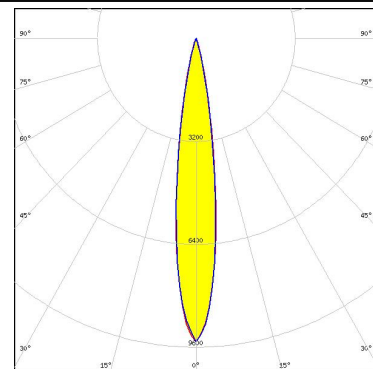
OPTICAL RESULTS (SIMULATED):



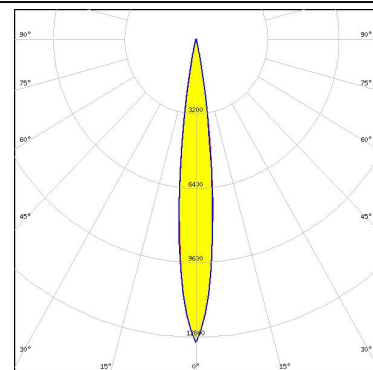
LED J Series 5050B 6V K Class
FWHM / FWTM 16.0° / 30.0°
Efficiency 83 %
Peak intensity 9.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



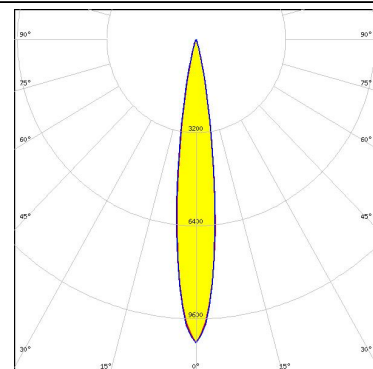
LED J Series 5050C 6V E Class
FWHM / FWTM 16.0° / 28.0°
Efficiency 82 %
Peak intensity 9.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:



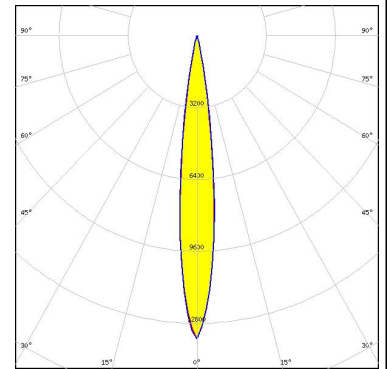
LED XHP35 HD
FWHM / FWTM 14.0° / 28.0°
Efficiency 84 %
Peak intensity 10.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



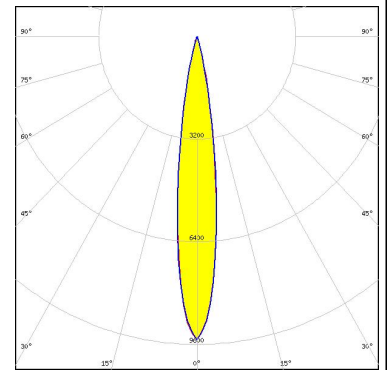
OPTICAL RESULTS (SIMULATED):



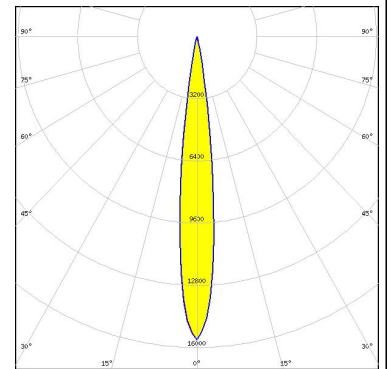
LED XHP35 HI
FWHM / FWTM 13.0° / 24.0°
Efficiency 84 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



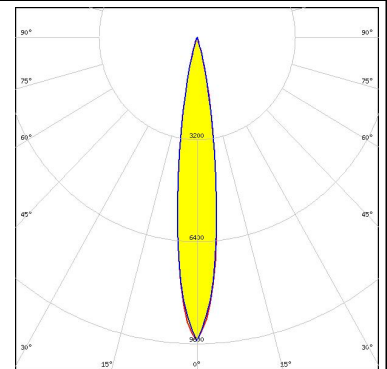
LED XHP50.3 HD
FWHM / FWTM 15.0 + 16.0° / 28.0°
Efficiency 80 %
Peak intensity 9.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:



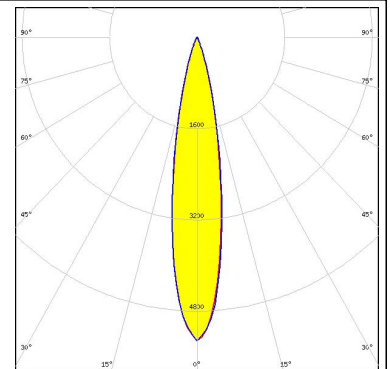
LED LUXEON 5050 Round LES
FWHM / FWTM 16.0° / 28.0°
Efficiency 83 %
Peak intensity 9.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

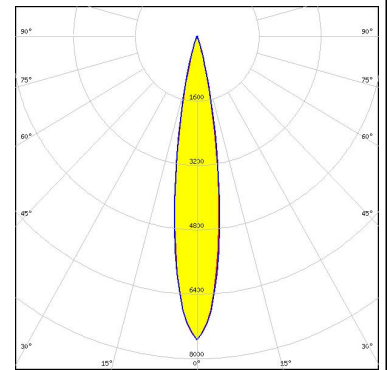
LUMILEDS

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



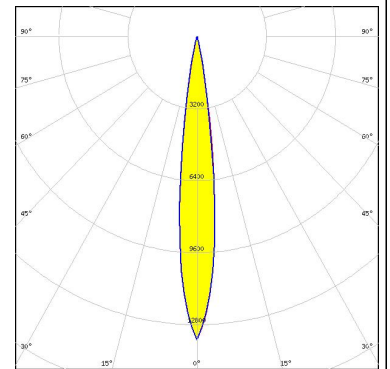
LUMILEDS

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



LUMINUS

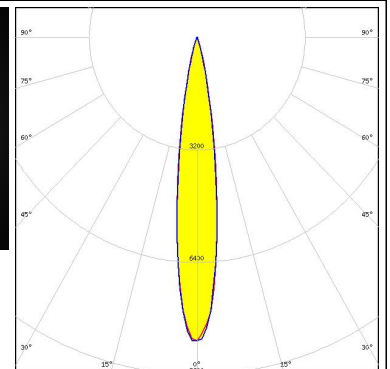
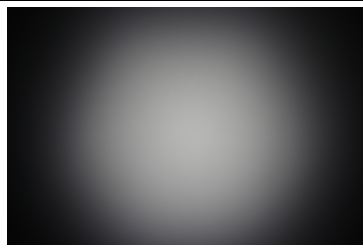
LED SST-20
FWHM / FWTM 14.0° / 24.0°
Efficiency 82 %
Peak intensity 13.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED OSLO Square Flat
FWHM / FWTM 15.0° / 30.0°
Efficiency 80 %
Peak intensity 8.7 cd/Im
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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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/
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