

## 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	Length
C10781_IRIS	Single lens	PMMA	clear		
C10860_IRIS-HLD	Holder	PC	black		38.0
C10333_LEDILSTAR-SUB	Sublens	PC			

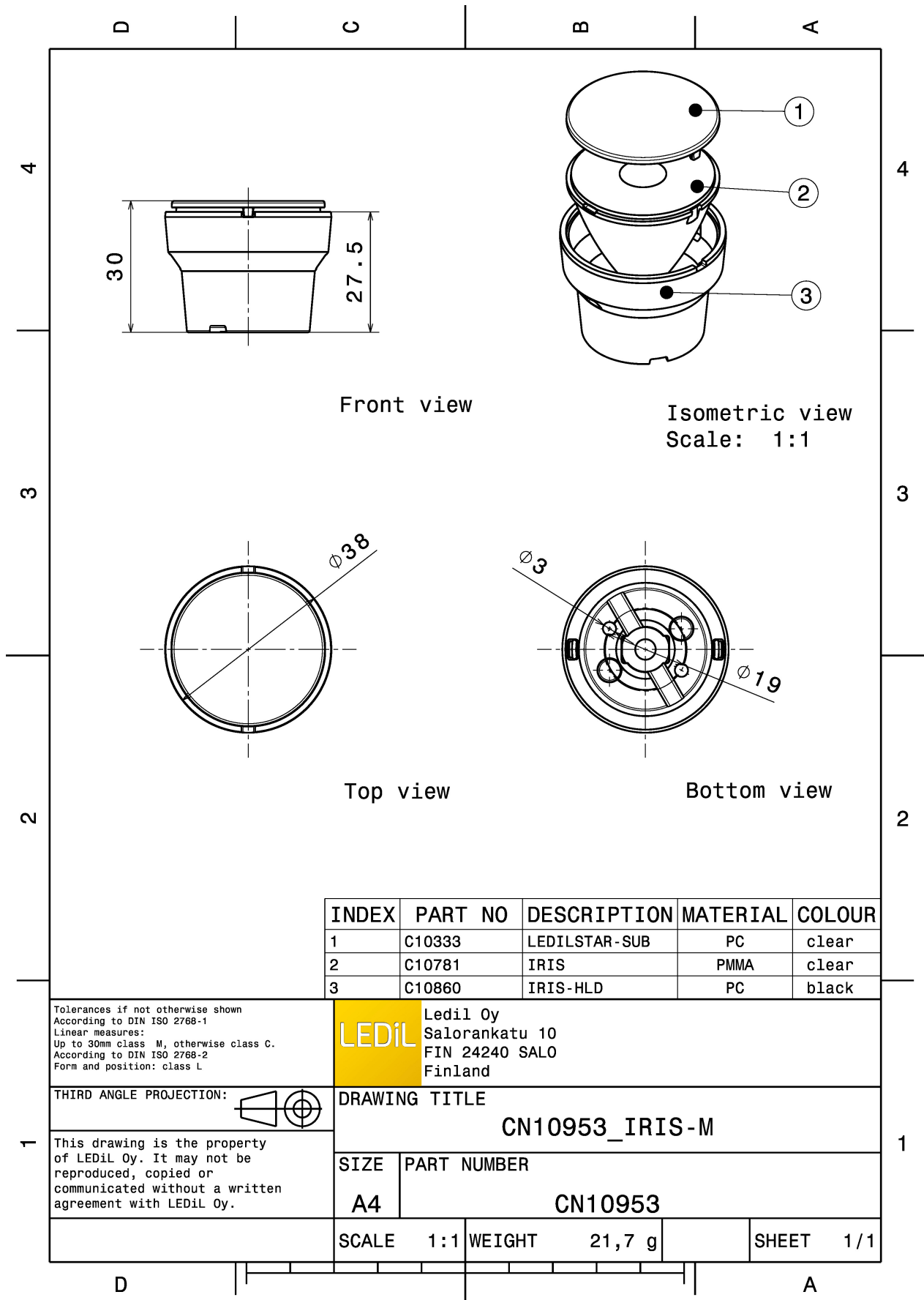


### ORDERING INFORMATION:

#### 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					

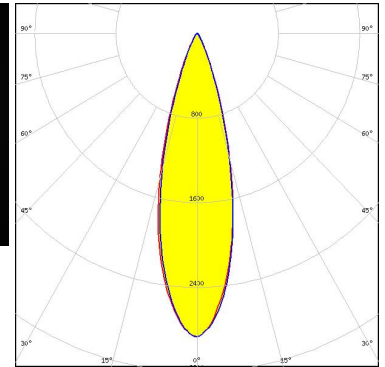
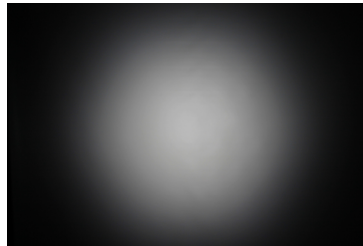


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



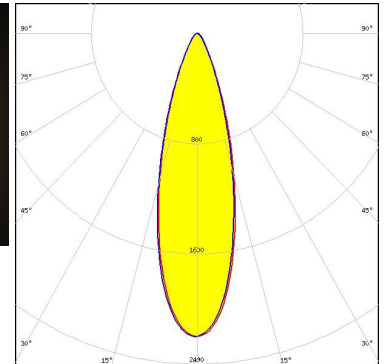
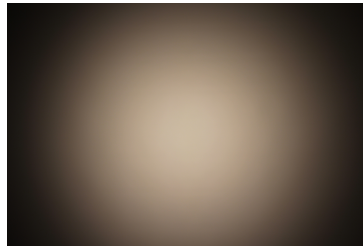
LED MC-E  
 FWHM / FWTM 28.0° / 48.0°  
 Efficiency 81 %  
 Peak intensity 2.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



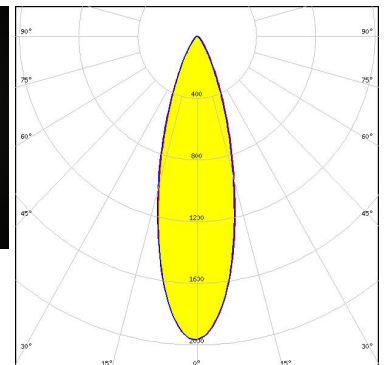
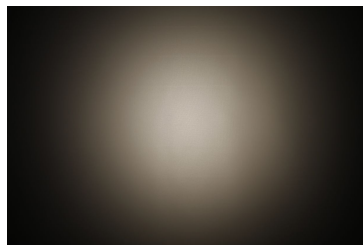
LED MHD-E/G  
 FWHM / FWTM 30.0° / 58.0°  
 Efficiency 93 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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



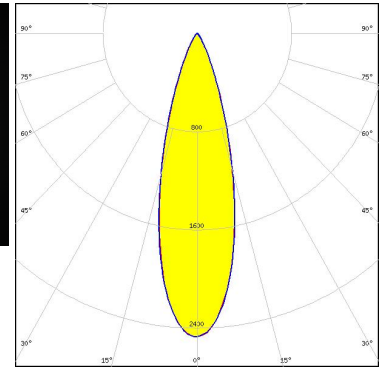
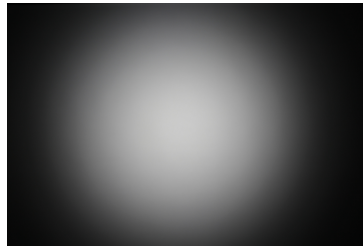
Light distribution files



### OPTICAL RESULTS (MEASURED):



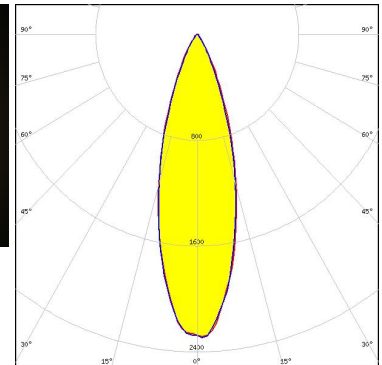
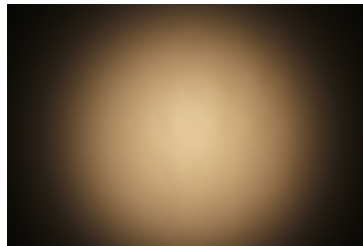
LED XHP50.2  
 FWHM / FWTM 29.0° / 53.0°  
 Efficiency 77 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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

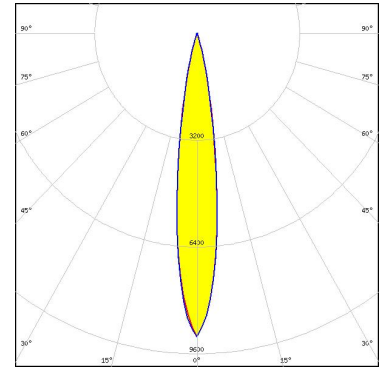


Light distribution files

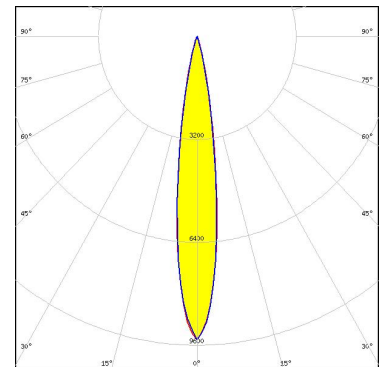
### OPTICAL RESULTS (SIMULATED):



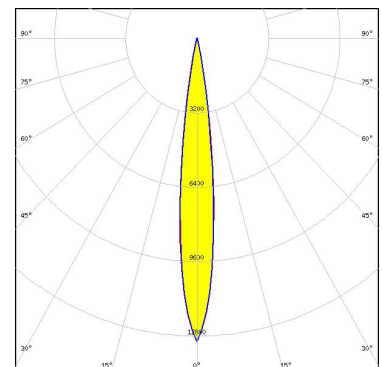
LED J Series 5050B 6V K Class  
 FWHM / FWTM 16.0° / 30.0°  
 Efficiency 83 %  
 Peak intensity 9.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



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/type 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/type White  
 Required components:

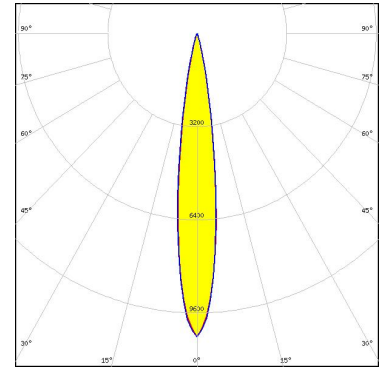


Light distribution files

### OPTICAL RESULTS (SIMULATED):



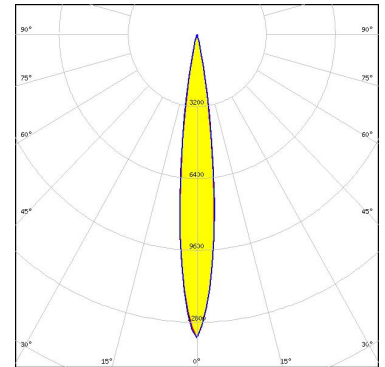
LED XHP35 HD  
 FWHM / FWTM 14.0° / 28.0°  
 Efficiency 84 %  
 Peak intensity 10.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



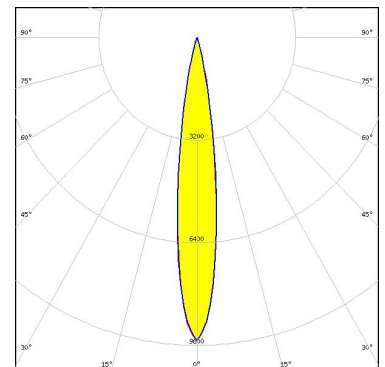
LED XHP35 HI  
 FWHM / FWTM 13.0° / 24.0°  
 Efficiency 84 %  
 Peak intensity 13.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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/type White  
 Required components:

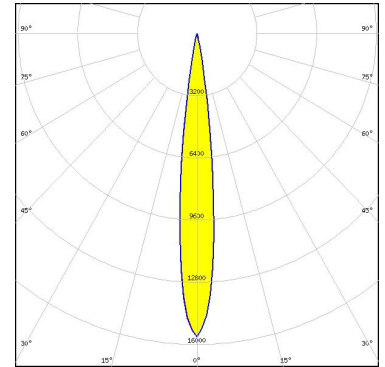


Light distribution files

### OPTICAL RESULTS (SIMULATED):



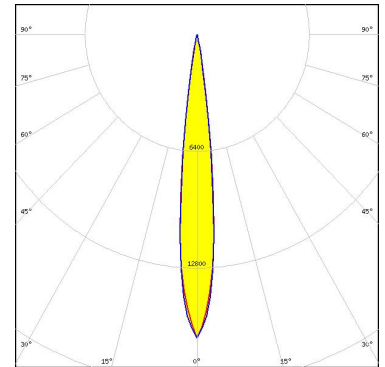
LED XP-E2  
 FWHM / FWTM 12.0° / 22.0°  
 Efficiency 83 %  
 Peak intensity 15.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



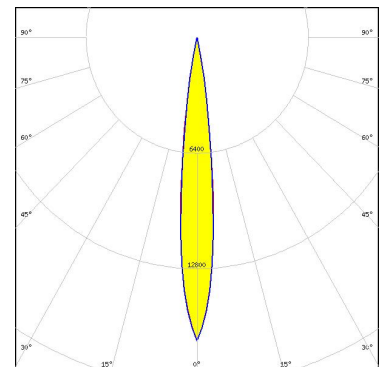
Light distribution files



LED XP-G4 HI  
 FWHM / FWTM 12.0° / 20.0°  
 Efficiency 81 %  
 Peak intensity 16.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



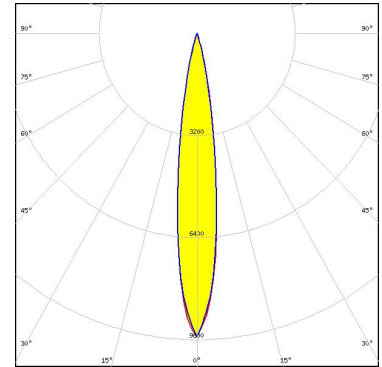
LED XP-P  
 FWHM / FWTM 12.0° / 22.0°  
 Efficiency 84 %  
 Peak intensity 16.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



### OPTICAL RESULTS (SIMULATED):



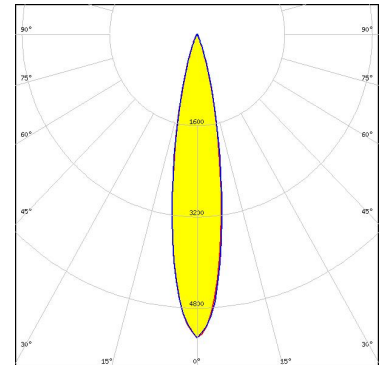
LED LUXEON 5050 Round LES  
 FWHM / FWTM 16.0° / 28.0°  
 Efficiency 83 %  
 Peak intensity 9.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



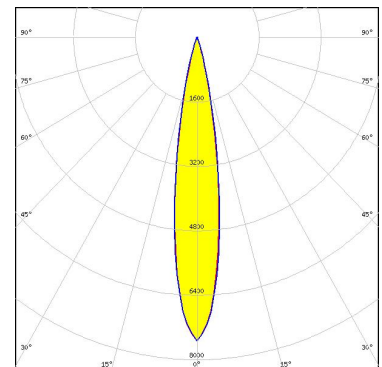
LED LUXEON 7070  
 FWHM / FWTM 20.0° / 38.0°  
 Efficiency 80 %  
 Peak intensity 5.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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

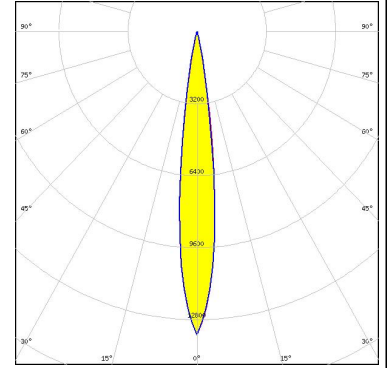


Light distribution files

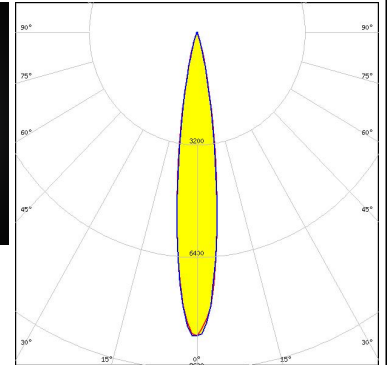
### OPTICAL RESULTS (SIMULATED):



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



Light distribution files

### 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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