

## LISA-SS

~20° smooth spot beam optimized for CREE XP-E



### SPECIFICATION:

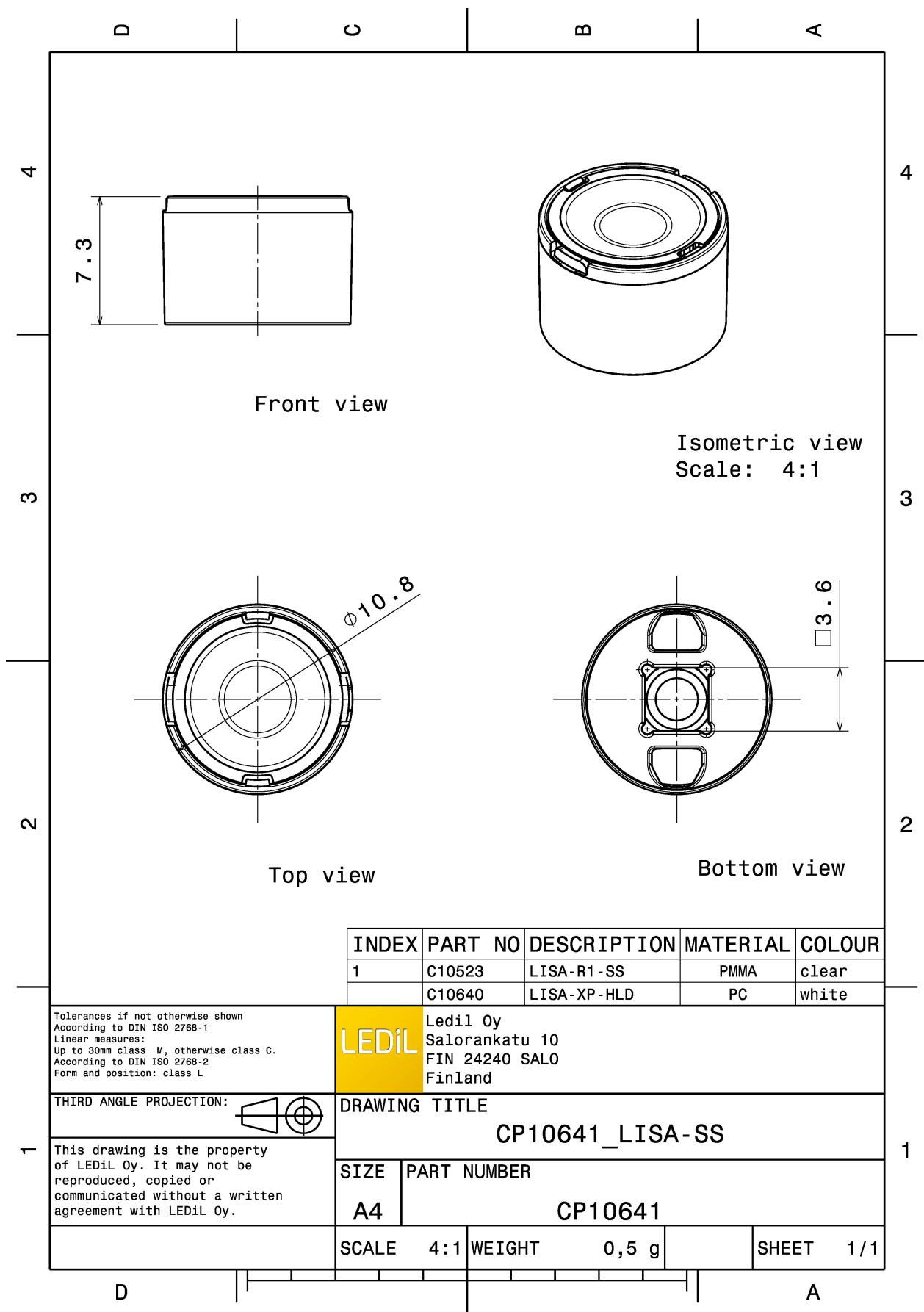
Dimensions	Ø 10.8
Height	7.3 mm
Fastening	glue
ROHS compliant	yes 

### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LISA-XP-HLD	Holder	PC	white		
LISA-R1-SS	Single lens	PMMA	clear		

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP10641_LISA-SS	10000	300	100	6.6
» Box size: 254 x 298 x 241 mm	Single lens			



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

## OPTICAL RESULTS (MEASURED):

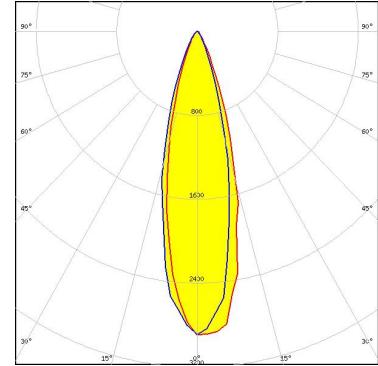


LED XP-E  
FWHM / FWTM 22.0° / 43.0°  
Efficiency 86 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

[Light distribution files](#)



LED XP-G  
FWHM / FWTM 30.0° / 56.0°  
Efficiency 87 %  
Peak intensity 2.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

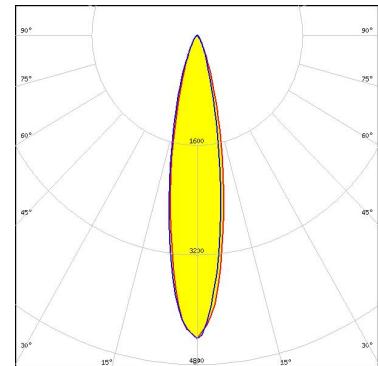


[Light distribution files](#)

## OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

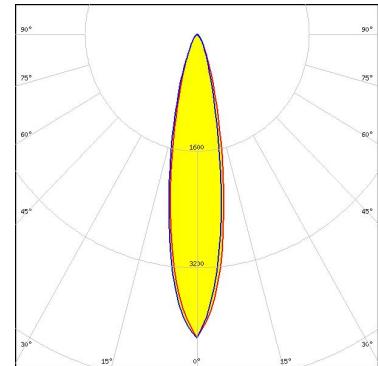
LED DURIS S5 (2 chip)  
FWHM / FWTM 21.0° / 44.0°  
Efficiency 94 %  
Peak intensity 4.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED DURIS S5 (Single chip)  
FWHM / FWTM 20.7° / 45.3°  
Efficiency 93 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SEOUL SEMICONDUCTOR**

LED Z5  
FWHM / FWTM 19.0°  
Efficiency %  
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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