

## RGBX-SS

~20° smooth spot beam optimized for Osram Ostar-SMT RGB. Assembly with holder.

### SPECIFICATION:

Dimensions	Ø 30.0 mm
Height	28 mm
Fastening	glue
ROHS compliant	yes ⓘ

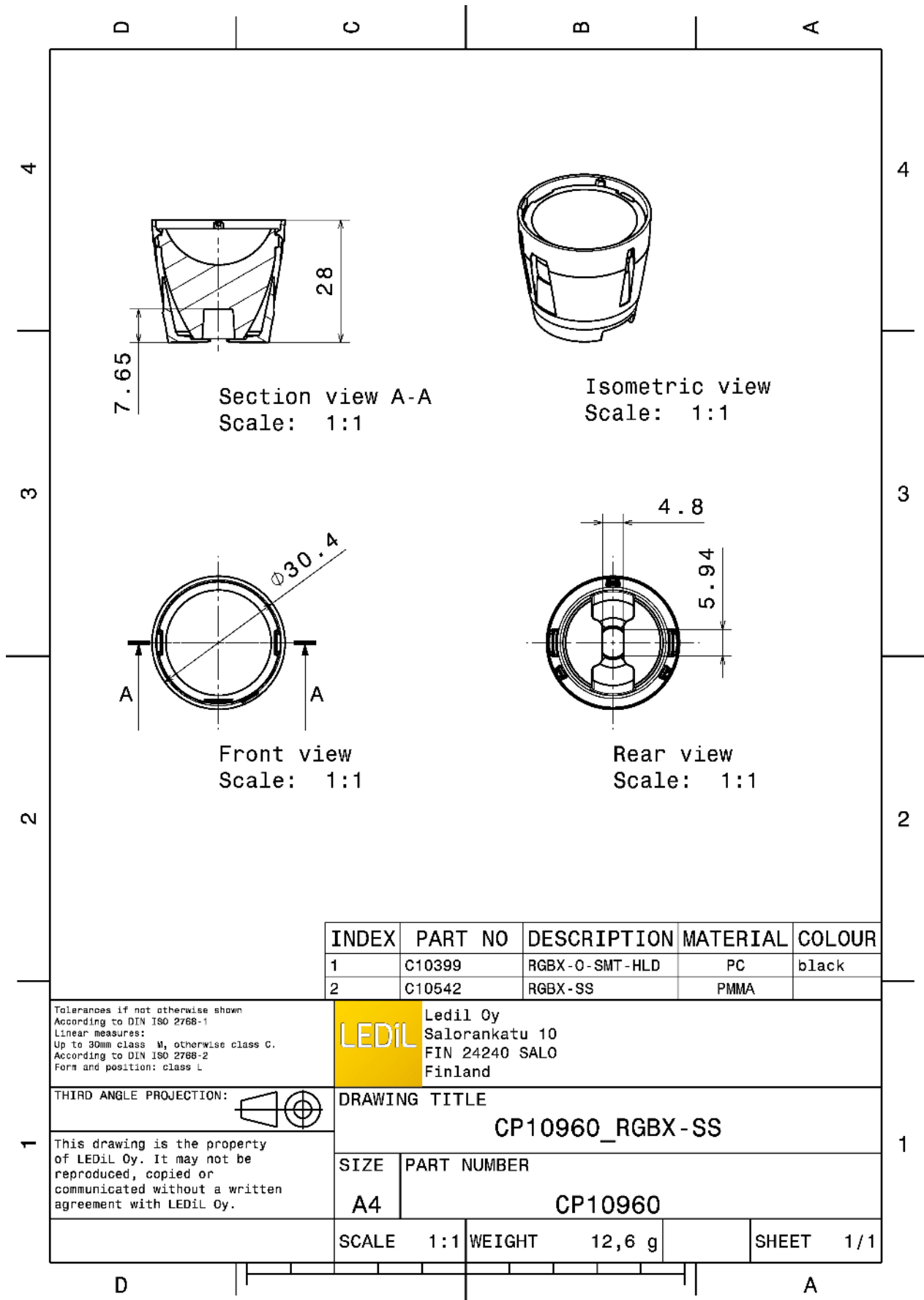
### MATERIALS:

Component	Type	Material	Colour	Finish
RGBX-SS	Single lens	PMMA	clear	
RGBX-O-SMT-HLD	Holder	PC	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP10960_RGBX-SS	Single lens	486		54	7.5
» Box size: 480 x 280 x 300 mm					






INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C10399	RGBX-O-SMT-HLD	PC	black
2	C10542	RGBX-SS	PMMA	

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  
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THIRD ANGLE PROJECTION:



DRAWING TITLE  
**CP10960\_RGBX-SS**


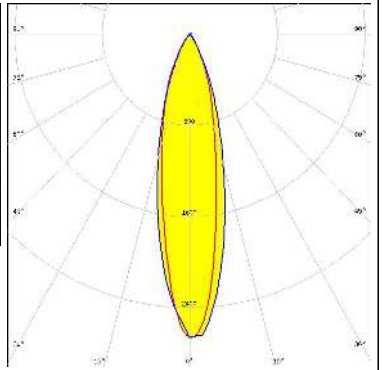
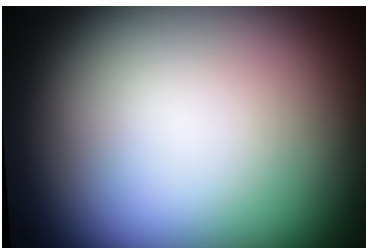
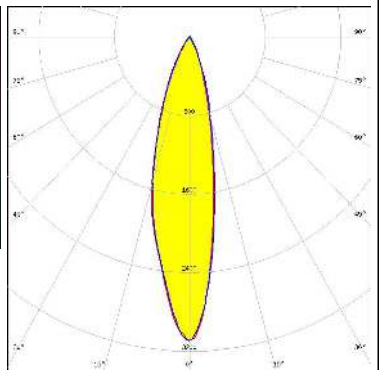
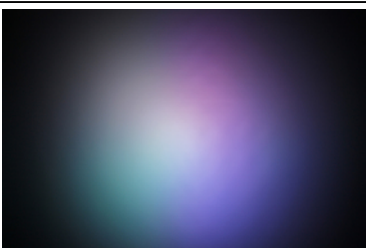
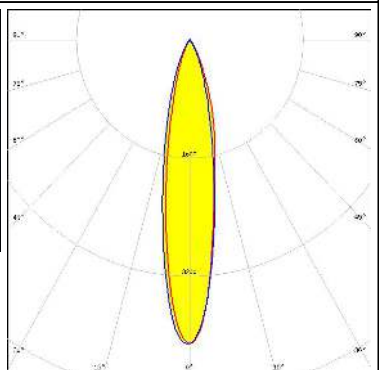
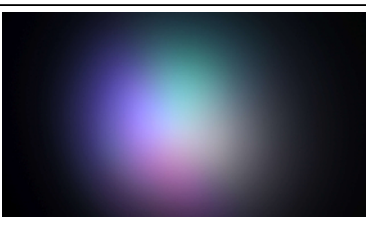
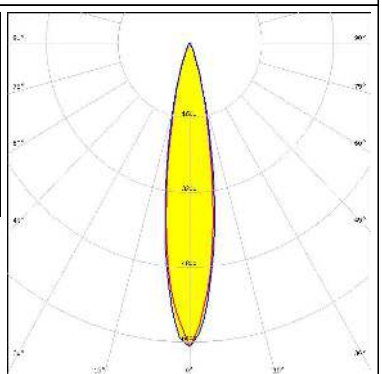
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SIZE	PART NUMBER
A4	CP10960

SCALE	1:1	WEIGHT	12,6 g	SHEET	1/1
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See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

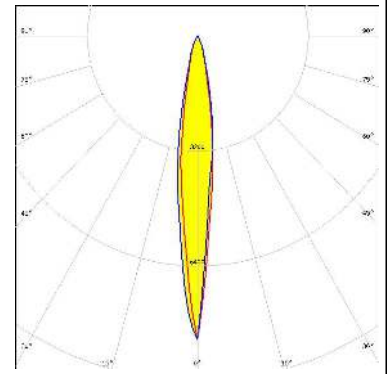
#### OPTICAL RESULTS (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON C</p> <p>FWHM / FWTM 22.0° / 56.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 2.7 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON CZ</p> <p>FWHM / FWTM 24.0° / 52.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 3.1 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p><b>LUMINUS</b></p> <p>LED SBM-40-RGBW</p> <p>FWHM / FWTM 19.0° / 46.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 4.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Ostar-SMT RGB</p> <p>FWHM / FWTM 18.0° / 45.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 4.4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

### OPTICAL RESULTS (SIMULATED):



LED	LUXEON Rubix
FWHM / FWTM	12.0 + 13.0° / 31.0 + 33.0°
Efficiency	90 %
Peak intensity	8.5 cd/lm
LEDs/each optic	4
Light colour	RGBW
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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