

LISA3-RS-CLIP16

~15° spot beam with clip installation.

SPECIFICATION:

Dimensions	Ø 10.0 mm
Height	7.9 mm
Fastening	clips
ROHS compliant	yes ⓘ

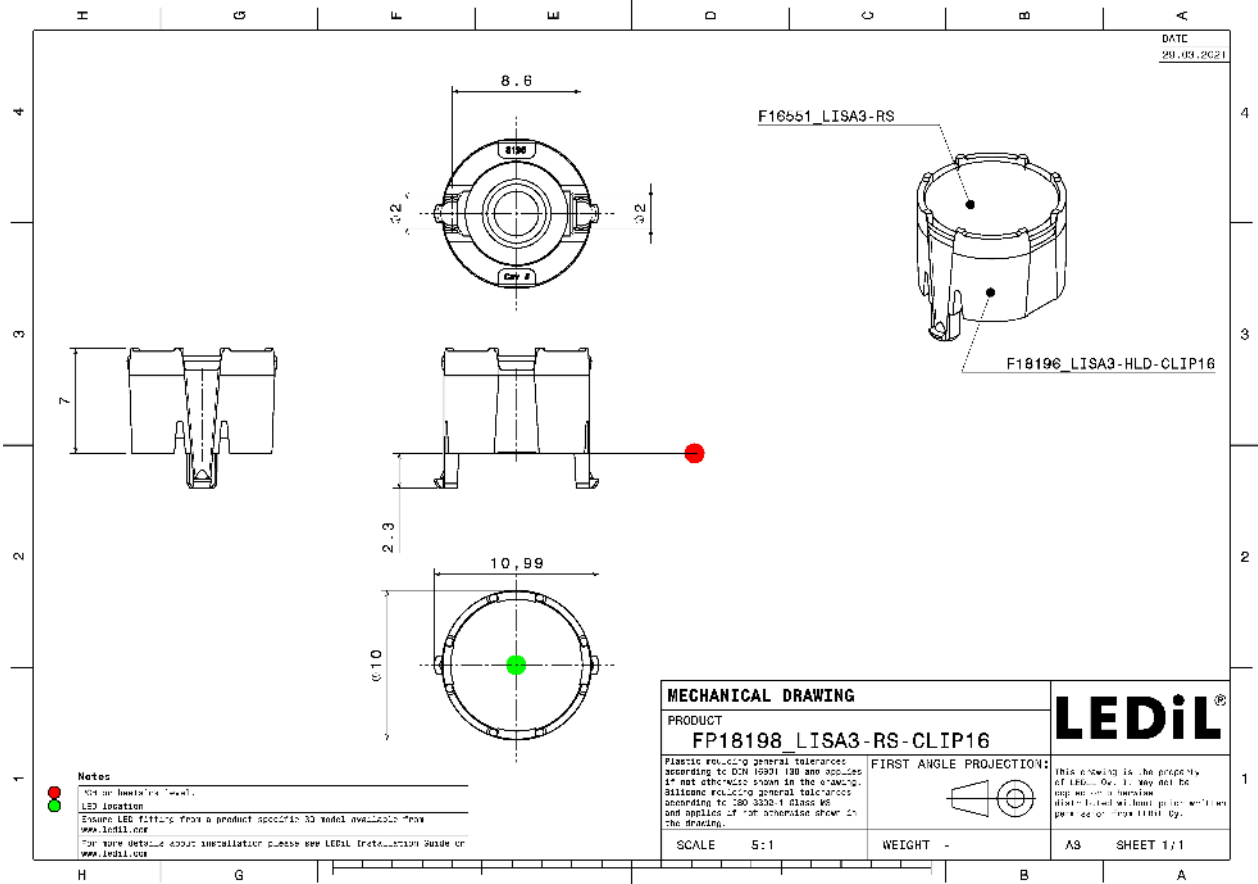
MATERIALS:

Component	Type	Material	Colour	Finish
LISA3-RS	Single lens	PMMA	clear	
LISA3-HLD-CLIP16	Holder	PC	black	

ORDERING INFORMATION:


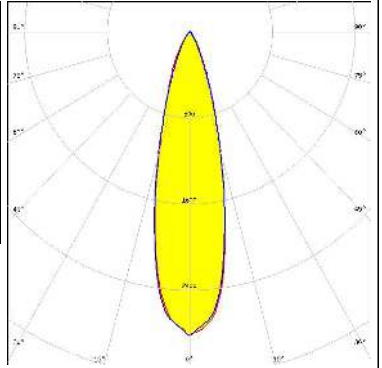

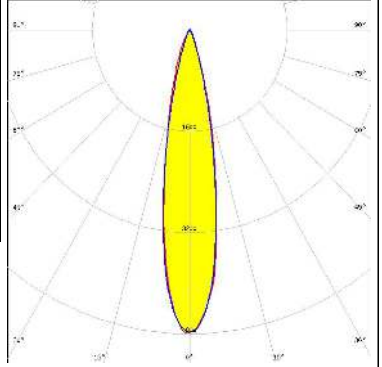
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP18198_LISA3-RS-CLIP16	Single lens	2000	300	100	1.2
» Box size: 310 x 230 x 60 mm					



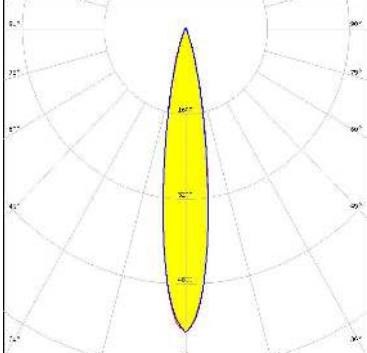
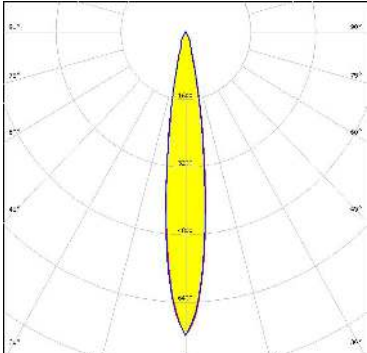
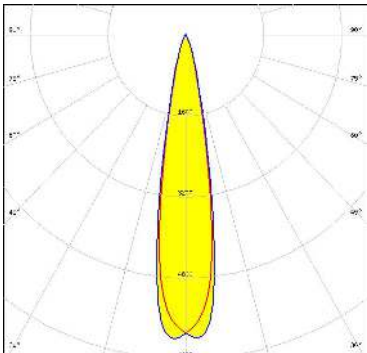
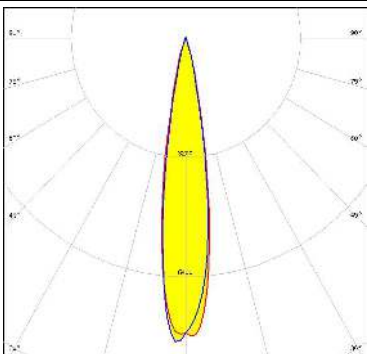


See also our general installation guide: www.ledil.com/installation_guide

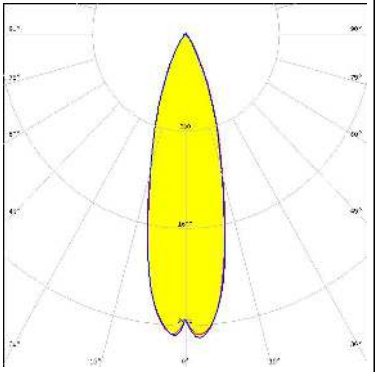
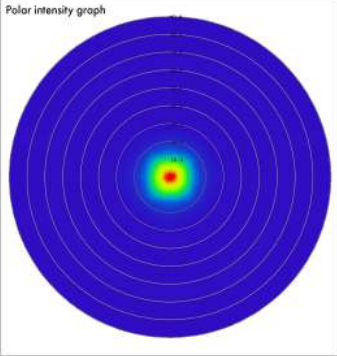
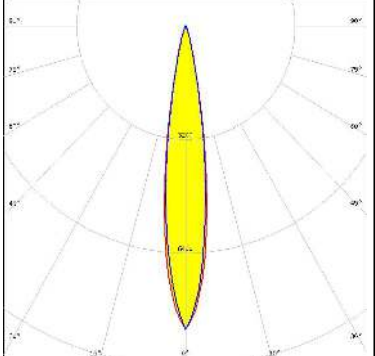
OPTICAL RESULTS (MEASURED):

<p>CREE LED</p> <p>LED XP-G3 FWHM / FWTM 27.0° / 52.0° Efficiency 83 % Peak intensity 2.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM / FWTM 21.0° / 40.0° Efficiency 87 % Peak intensity 4.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED: XD16 FWHM / FWTM: 18.0° / 36.0° Efficiency: 81 % Peak intensity: 5.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON C FWHM / FWTM: 16.0° / 31.0° Efficiency: 82 % Peak intensity: 7.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMINUS</p> <p>LED: SST-10-B130 FWHM / FWTM: 20.0° / 35.0° Efficiency: 90 % Peak intensity: 6 cd/lm LEDs/each optic: 1 Light colour: Red Required components:</p>	
<p>LUMINUS</p> <p>LED: SST-10-B130 FWHM / FWTM: 18.0° / 31.0° Efficiency: 88 % Peak intensity: 8.2 cd/lm LEDs/each optic: 1 Light colour: Green Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors	LED OSCONIQ P 3737 (3W version)		
	FWHM / FWTM 29.0° / 58.0°		
	Efficiency 88 %		
	Peak intensity 2.5 cd/lm		
	LEDs/each optic 1		
	Light colour White		
	Required components:		
OSRAM Opto Semiconductors	LED SFH 4716S		
	FWHM / FWTM 16.0° / 29.0°		
	Efficiency 86 %		
	LEDs/each optic 1		
	Light colour IR		
	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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