

## LISA2-WWW-PIN

~80° wide beam optimized for LUXEON Rebel.  
6.6 mm high variant with location pin  
installation.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	6.6 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

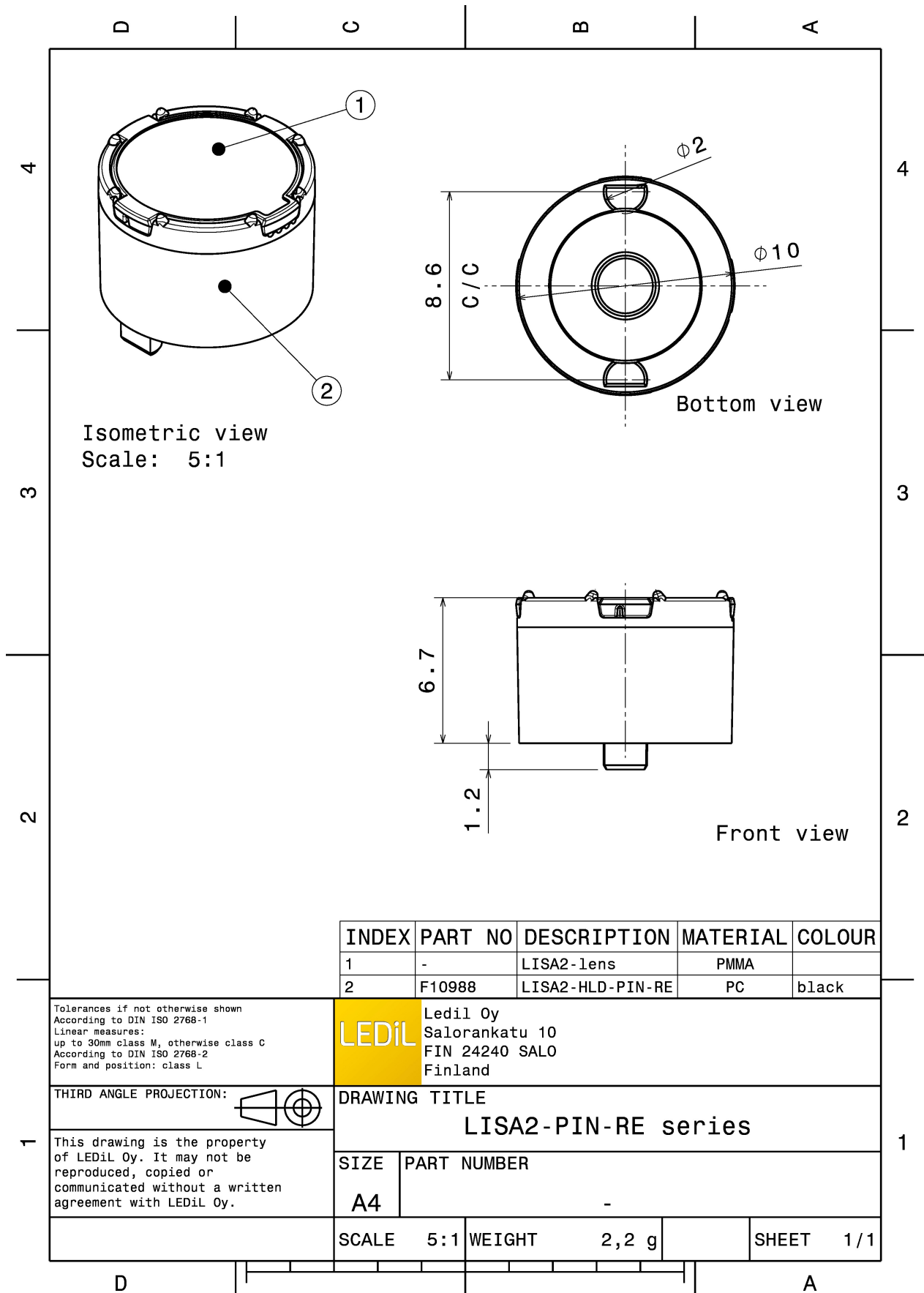
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LISA2-WWW	Single lens	PMMA	clear	
LISA2-HLD-PIN-RE	Holder	PC	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11951_LISA2-WWW-PIN	Single lens	2000		100	1.4
» Box size:					





### PHOTOMETRIC DATA (MEASURED):



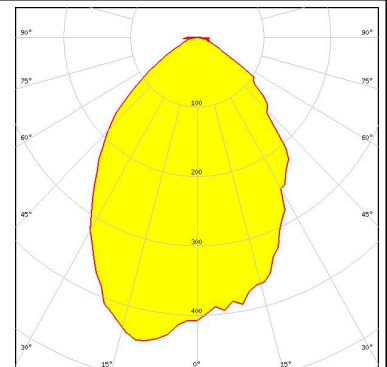
LED LUXEON Rebel  
FWHM 80.0°  
Efficiency 79 %  
LEDs/each optic 1  
Light colour White  
Required components:



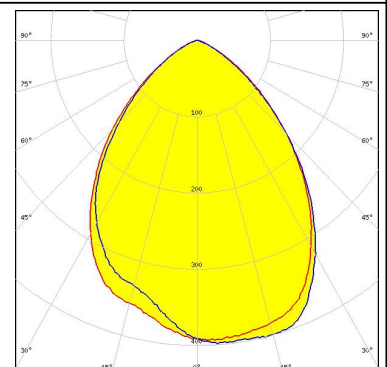
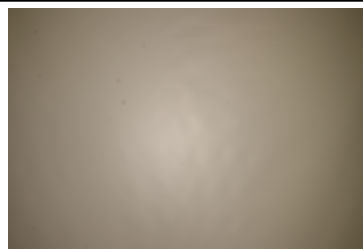
LED NCSxx19A  
FWHM 76.0°  
Efficiency 79 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19A  
FWHM 80.0°  
Efficiency 79 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



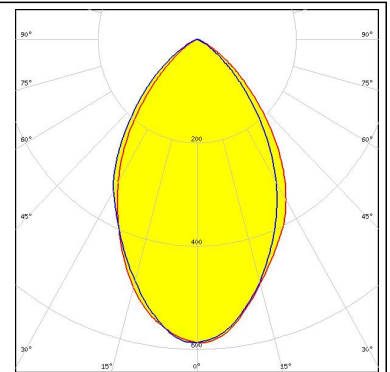
LED NVSxx19B/NVSxx19C  
FWHM 83.0°  
Efficiency 69 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (MEASURED):

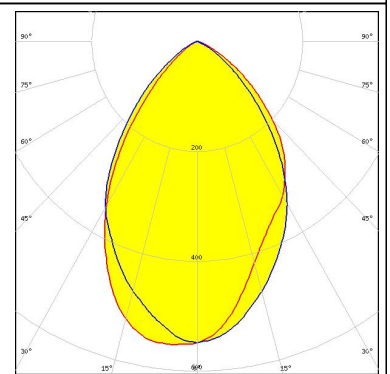
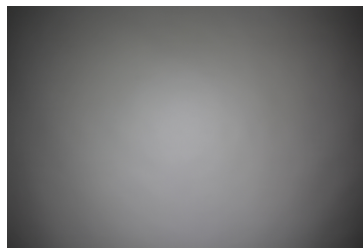
#### SAMSUNG

LED LH181A  
FWHM 68.0°  
Efficiency 73 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

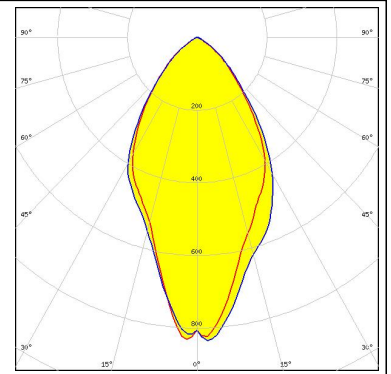
LED LH181B  
FWHM 73.0°  
Efficiency 75 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (SIMULATED):



LED	LUXEON IR 2720
FWHM	57.0°
Efficiency	82 %
Peak intensity	0.8 cd/lm
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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