LISA2-WWW-PIN

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

SPECIFICATION:

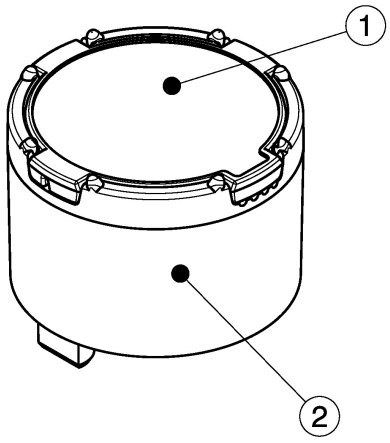
Dimensions	Ø 9.9
Height	6.6 mm
Fastening	glue, pin
ROHS compliant	yes

MATERIALS:

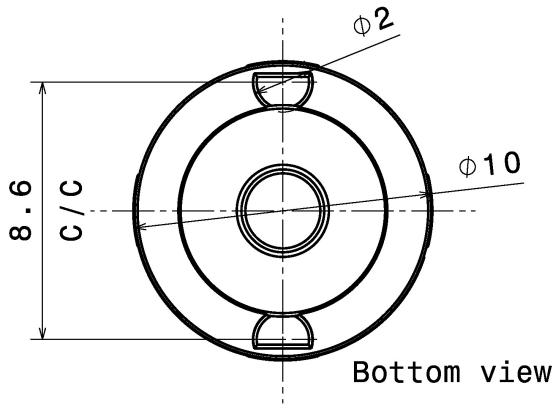
Component	Type	Material	Colour	Finish	Length (mm)
LISA2-HLD-PIN-RE	Holder	PC	black		
LISA2-WWW	Single lens	PMMA	clear		

ORDERING INFORMATION:

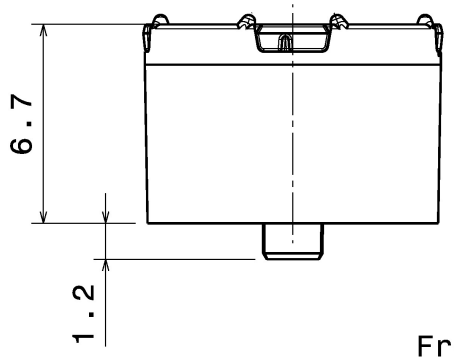
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11951_LISA2-WWW-PIN	Single lens	2000		100	1.4
» Box size:					



Isometric view
Scale: 5:1



Bottom view



Front view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	LISA2-lens	PMMA	
2	F10988	LISA2-HLD-PIN-RE	PC	black

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

THIRD ANGLE PROJECTION:

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
LISA2-PIN-RE series

SIZE A4

PART NUMBER -

SCALE 5:1 | WEIGHT 2,2 g | SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

LUMILEDS

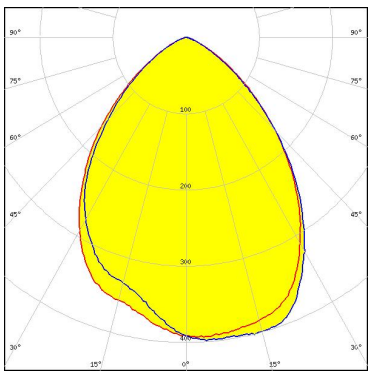
LED	LUXEON Rebel
FWHM / FWTM	80.0°
Efficiency	79 %
LEDs/each optic	1
Light colour/type	White
Required components:	

NICHIA

LED	NCSxx19A
FWHM / FWTM	76.0° / 118.0°
Efficiency	79 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	83.0° / 123.0°
Efficiency	69 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

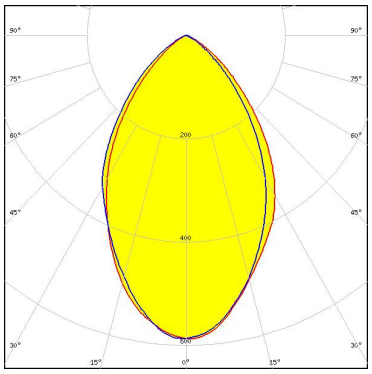


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

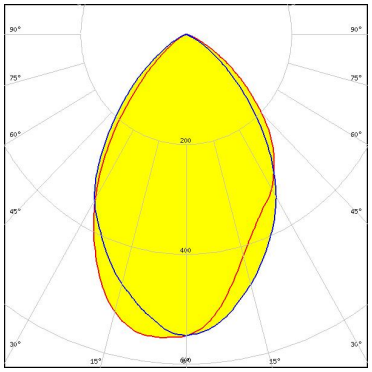
LED	LH181A
FWHM / FWTM	68.0° / 110.0°
Efficiency	73 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LH181B
FWHM / FWTM	73.0° / 114.0°
Efficiency	75 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

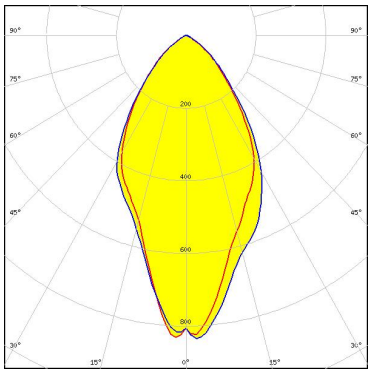


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON IR 2720
FWHM / FWTM	57.0° / 105.0°
Efficiency	82 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	IR
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:

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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