LN2-REC

~35° x 25° rectangular beam optimized for Nichia NS6x83. 13.3 mm high assembly with installation tape.



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	13.5 mm
Fastening	tape
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

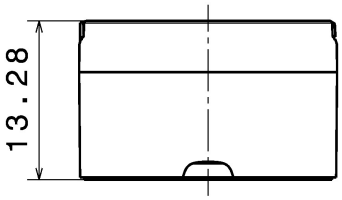
Component	Type	Material	Colour	Finish
LN2-REC	Single lens	PMMA	clear	
LN2-LH1-TAPE	Holder	PC	black	
LEILA-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

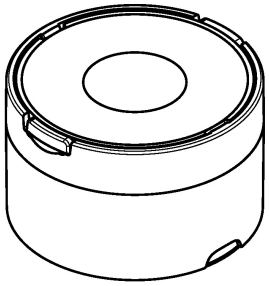
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10698_LN2-REC	Single lens	2304	288	144	6.9
» Box size:					

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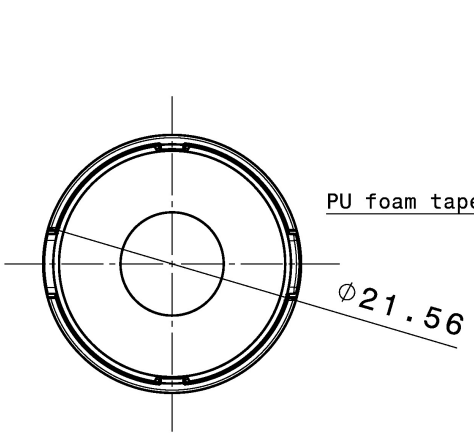
DATE
13.08.2020



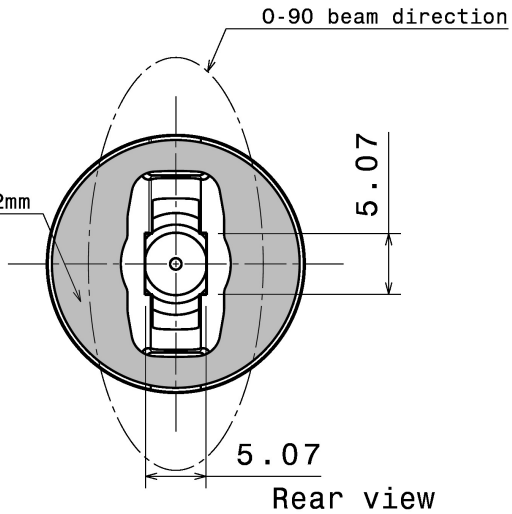
Front view



Isometric view
Scale: 2:1



Front view
Scale: 2:1



Rear view
Scale: 2:1

LN2-series

COMPONENTS

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	LEILA LN2-series	LENS	PMMA	Clear
2	F10699-LN2-LH1-TAPE	HOLDER	PC	Black
3	F12078_LEILA-TAPE	TAPE	Scapa	Black

MECHANICAL DRAWING

PRODUCT LEILA-20

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

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SCALE 2:1 | WEIGHT - | A4 SHEET 1/1

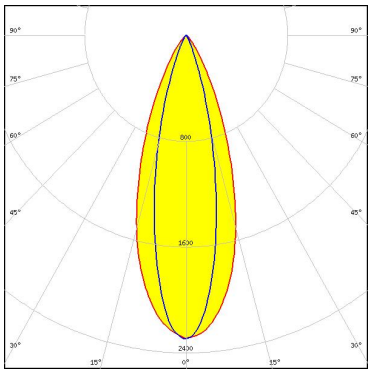
See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

CREE LED

LED	XM-L2
FWHM / FWTM	38.0 + 24.0° / 67.0 + 45.0°
Efficiency	79 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White

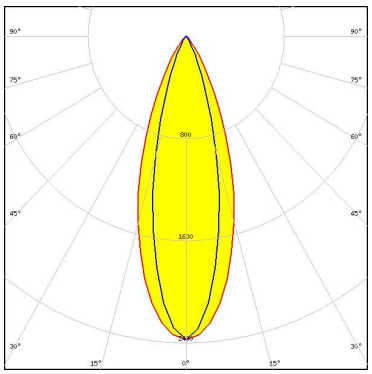
Required components:



OPTOGAN

LED	OLP-x5050F6L
FWHM / FWTM	38.0° / 67.0°
Efficiency	86 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

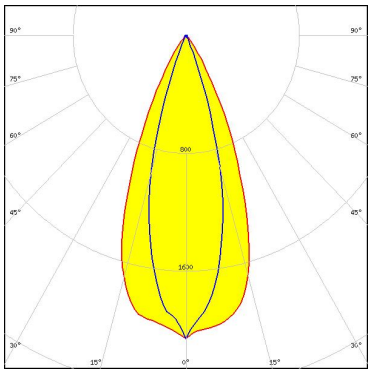


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PHOTOMETRIC DATA (SIMULATED):

CREE LED

LED	XP-E2
FWHM / FWTM	44.0 + 28.0° / 67.0 + 44.0°
Efficiency	85 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NS6x83
FWHM / FWTM	37.0 + 26.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

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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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