LAURA-M

~30° medium beam optimized for Nichia 19. Assembly with black holder and installation tape.



SPECIFICATION:

Dimensions	21.6 x 21.6
Height	12.9 mm
Fastening	tape
ROHS compliant	yes

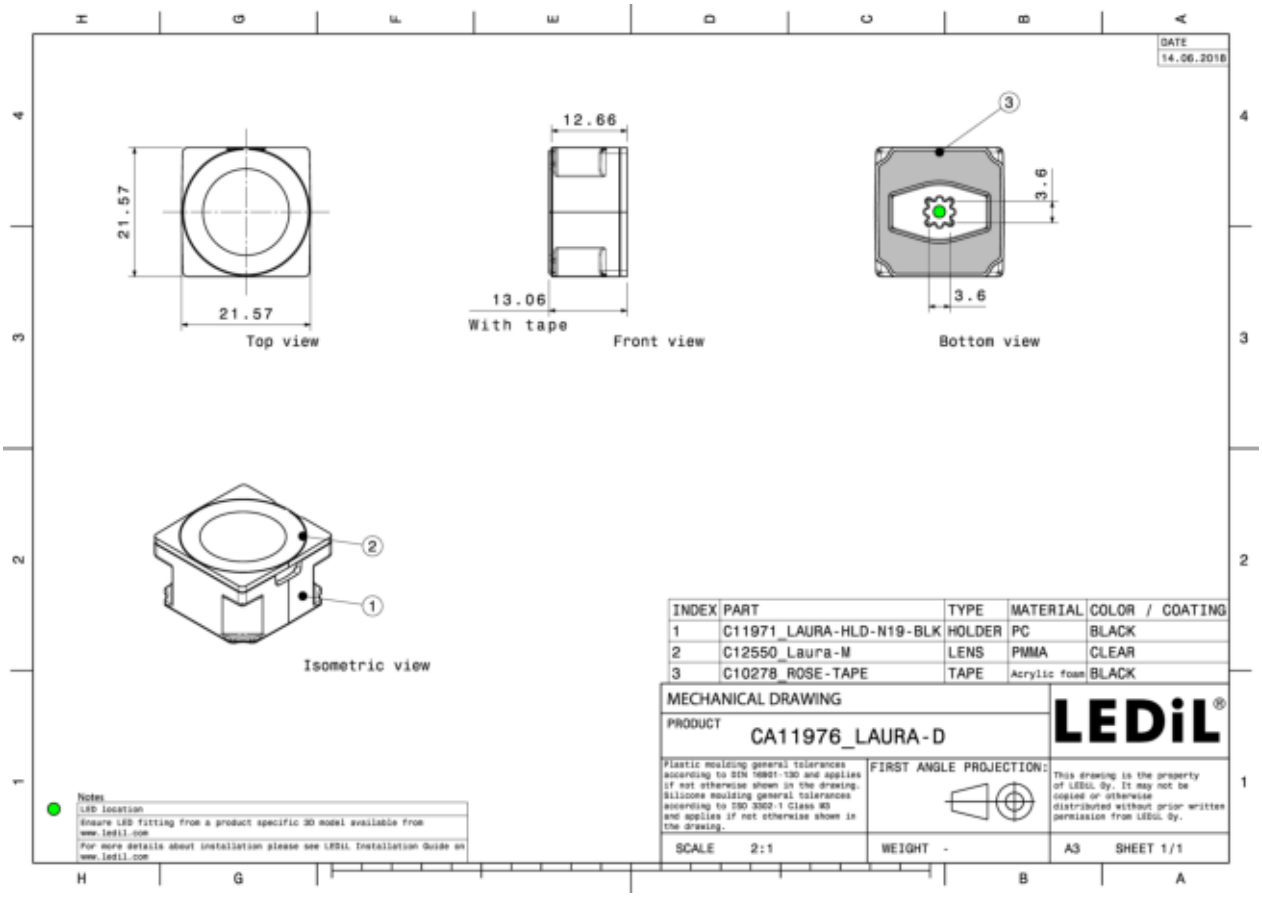
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LAURA-M	Single lens	PMMA	clear		
LAURA-HLD-N19-BLK	Holder	PC	black		
ROSE-TAPE	Tape	Acrylic foam	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA11976_LAURA-M » Box size: 451 x 254 x 152 mm	1440	360	180	8.0

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

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OPTICAL RESULTS (MEASURED):

NICHIA

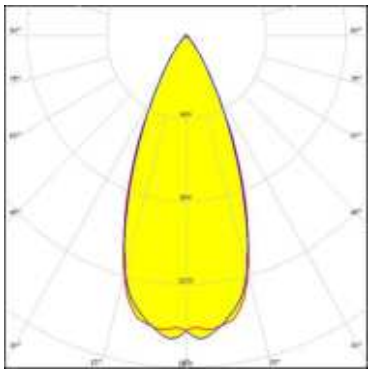
LED	NCSxx19A
FWHM / FWTM	28.0°
Efficiency	83 %
LEDs/each optic	1
Light colour/type	White
Required components:	

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OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	XP-L2
FWHM / FWTM	45.0° / 70.0°
Efficiency	87 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NVSxx19A
FWHM / FWTM	30.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	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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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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