

TINA2-W

~45° wide beam optimized for Nichia NCSxx19.
Assembly with holder and installation tape.

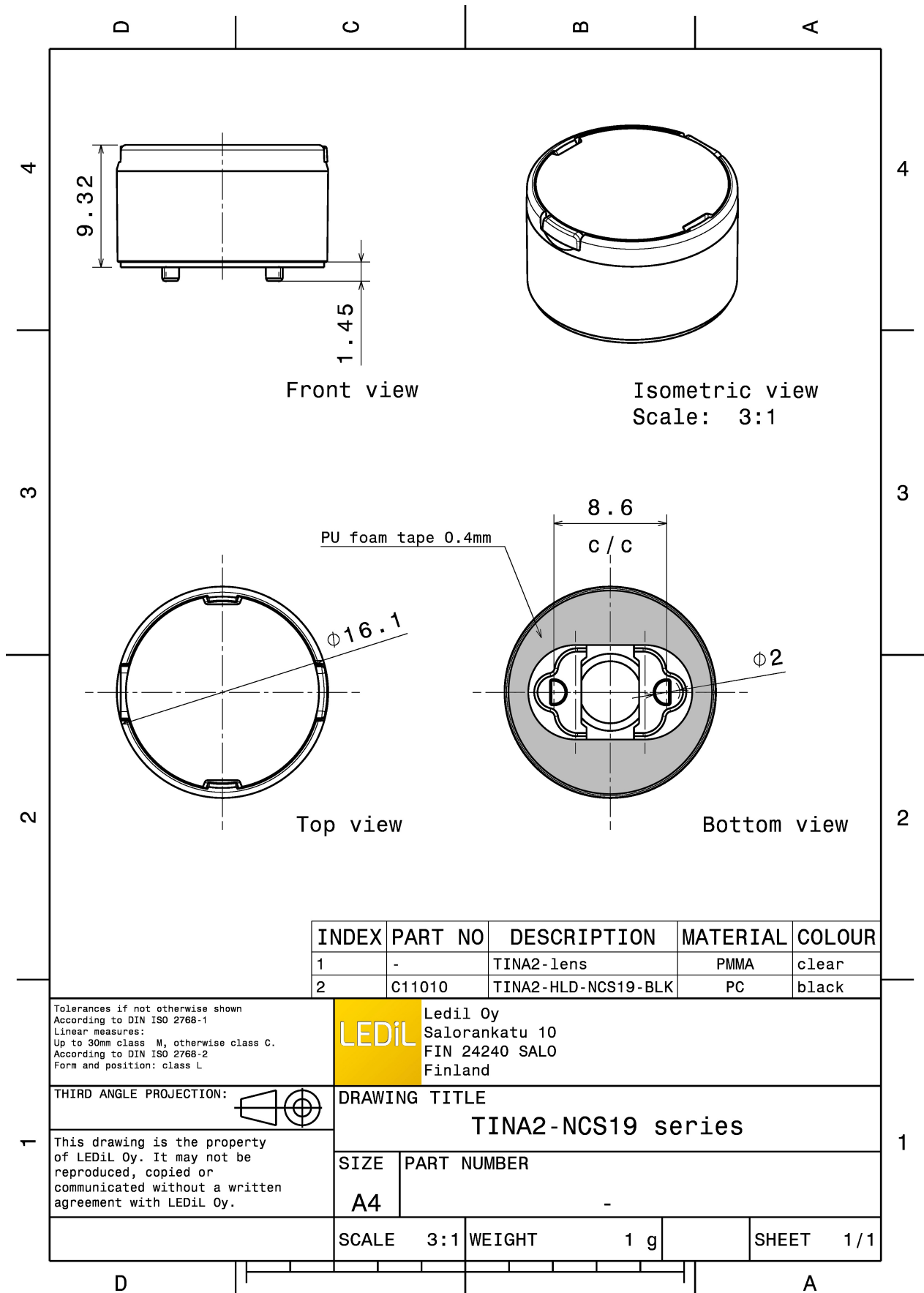
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.3 mm
Fastening	tape, pin
Colour	black
Box size	451 x 241 x 298 mm
Box weight	0 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

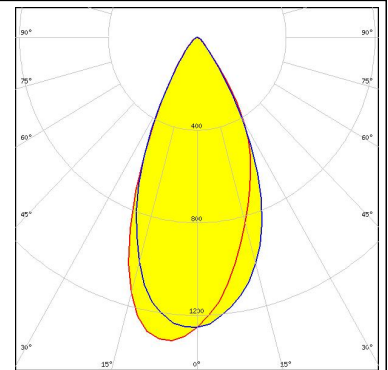
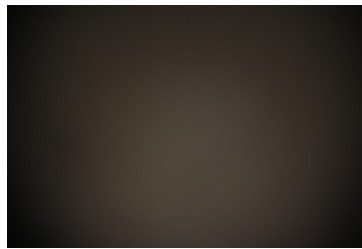
Component	Type	Material	Colour
TINA2-W-XP	Lens	PMMA	clear
TINA2-HLD-NCS19-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black



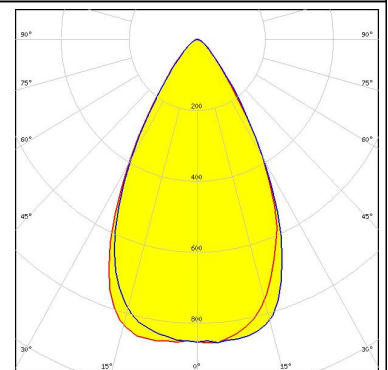
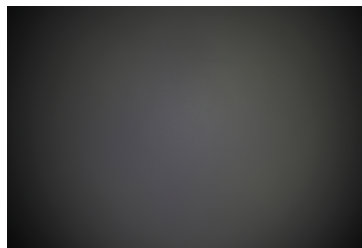
PHOTOMETRIC DATA (MEASURED):



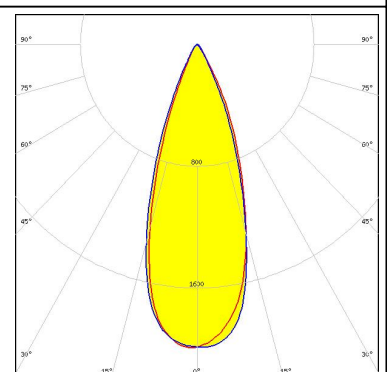
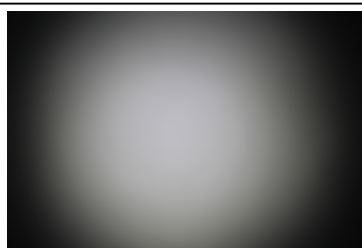
LED NCSxx19A
FWHM 46.0°
Efficiency 88 %
Peak intensity 1.300 cd/lm
Required components:



LED NVSxx19A
FWHM 58.0°
Efficiency 82 %
Peak intensity 0.900 cd/lm
Required components:



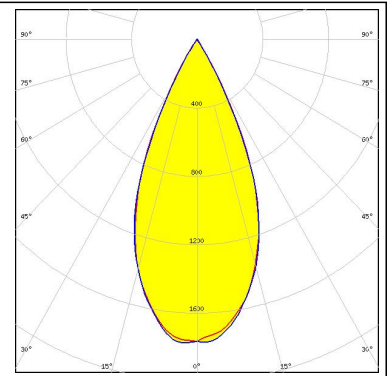
LED LH181A
FWHM 36.0°
Efficiency 84 %
Peak intensity 2.000 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED NVSxE21A
FWHM 45.5°
Efficiency 92 %
Peak intensity 1.790 cd/lm
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:

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