

TINA2-W

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

SPECIFICATION:

Dimensions	Ø 16.1
Height	9.3 mm
Fastening	tape, pin
ROHS compliant	yes 🕕



MATERIALS:

Component	Туре	Material	Colour	Finish	Length
TINA2-W-XP	Single lens	PMMA	clear		16.1
TINA2-HLD-NCS19-BLK	Holder	PC	black		16.1
TINA-TAPE3	Tape	Acrylic foam	black		16.0

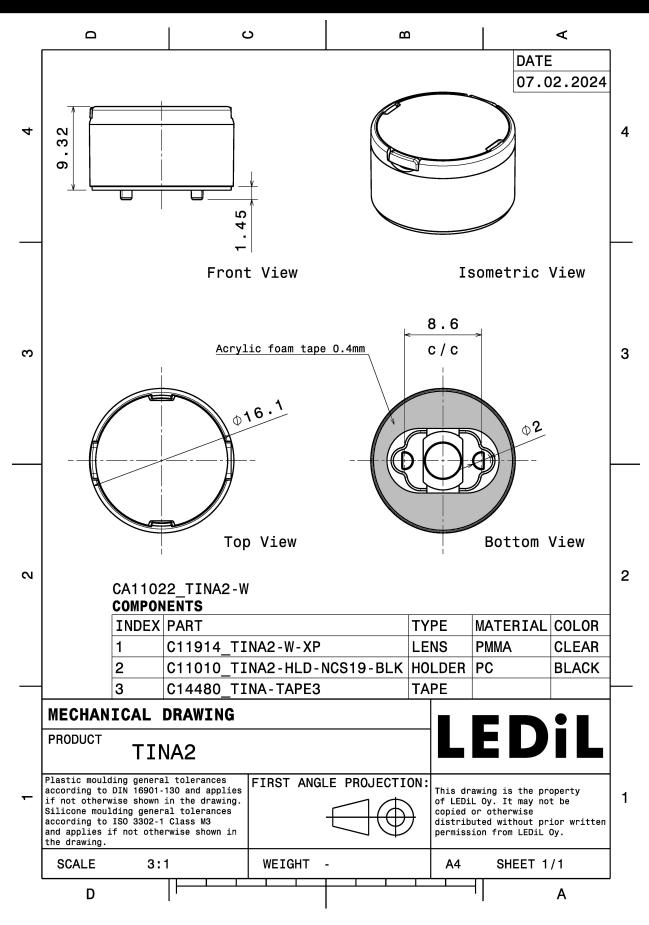
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11022_TINA2-W	Single lens	4140		230	8.3
» Box size: 451 x 241 x 298 mm					

1/6

2/6

LEDIL



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

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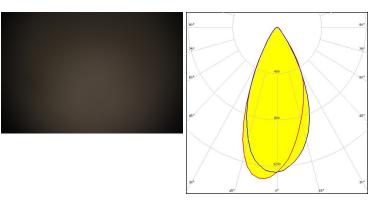


OPTICAL RESULTS (MEASURED):

WNICHIA

Required components:

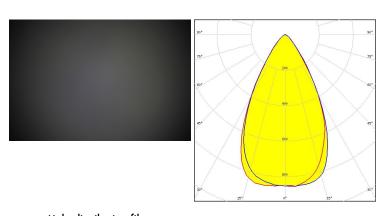
LED NCSxx19A
FWHM / FWTM 46.0° / 78.0°
Efficiency 88 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White



Light distribution files

WNICHIA

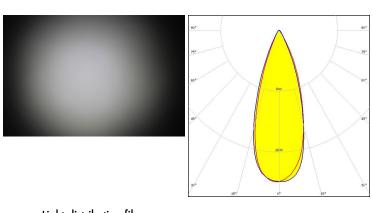
LED NVSxx19A
FWHM / FWTM 58.0° / 88.0°
Efficiency 82 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH181A
FWHM / FWTM 36.0° / 58.0°
Efficiency 84 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



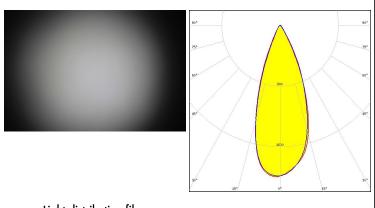
Light distribution files



OPTICAL RESULTS (MEASURED):

SAMSUNG

LH181B FWHM / FWTM 38.0° / 59.0° Efficiency 89 % Peak intensity 2 cd/lm LEDs/each optic Light colour/type White Required components:



Light distribution files

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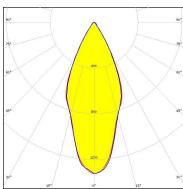


OPTICAL RESULTS (SIMULATED):



LED NCSxE17A
FWHM / FWTM 45.0° / 70.0°
Efficiency 86 %
Peak intensity 1.3 cd/lm
LEDs/each optic 4
Light colour/type White

Light distribution files

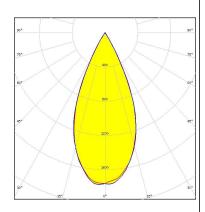


WNICHIA

Required components:

LED NVSxE21A
FWHM / FWTM 45.5° / 63.0°
Efficiency 92 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

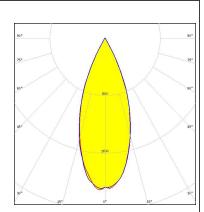


Light distribution files



LED NVSxE21A
FWHM / FWTM 40.0° / 60.0°
Efficiency 90 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



PRODUCT DATASHEET CA11022 TINA2-W

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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