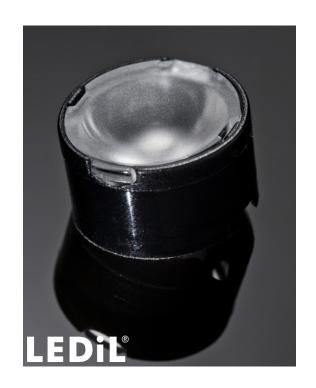


TINA-WW

~60° wide beam. Assembly with holder, installation tape and location pins.

SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	9.5 mm
Fastening	pin, tape
ROHS compliant	yes 🕕



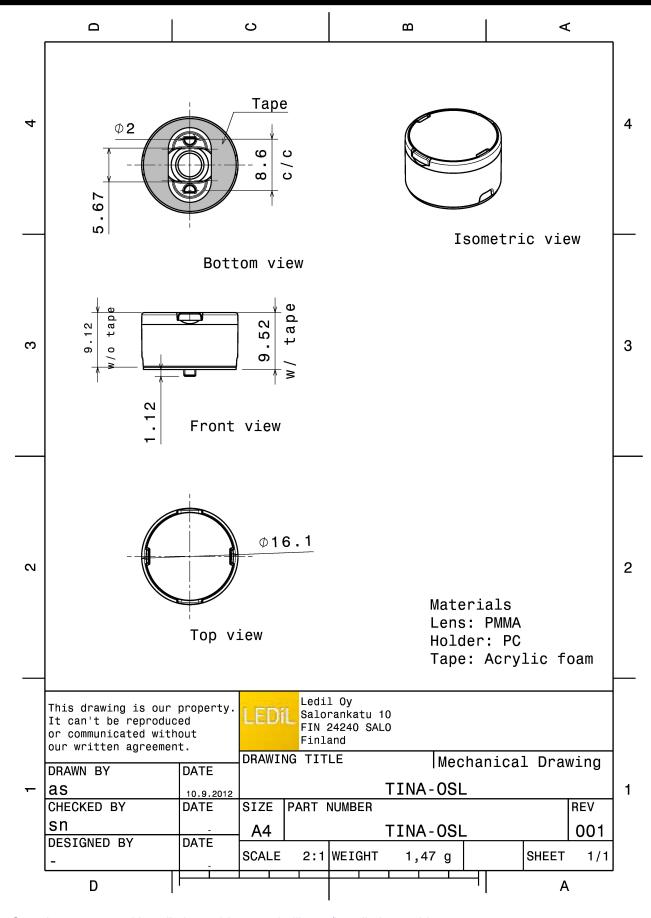
MATERIALS:

Component	Туре	Material	Colour	Finish
TINA-WW-XP	Single lens	PMMA	clear	
TINA-HLD-PIN-BLK	Holder	PC	black	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11027_TINA-WW	Single lens	2016	288	144	4.0
» Box size:					

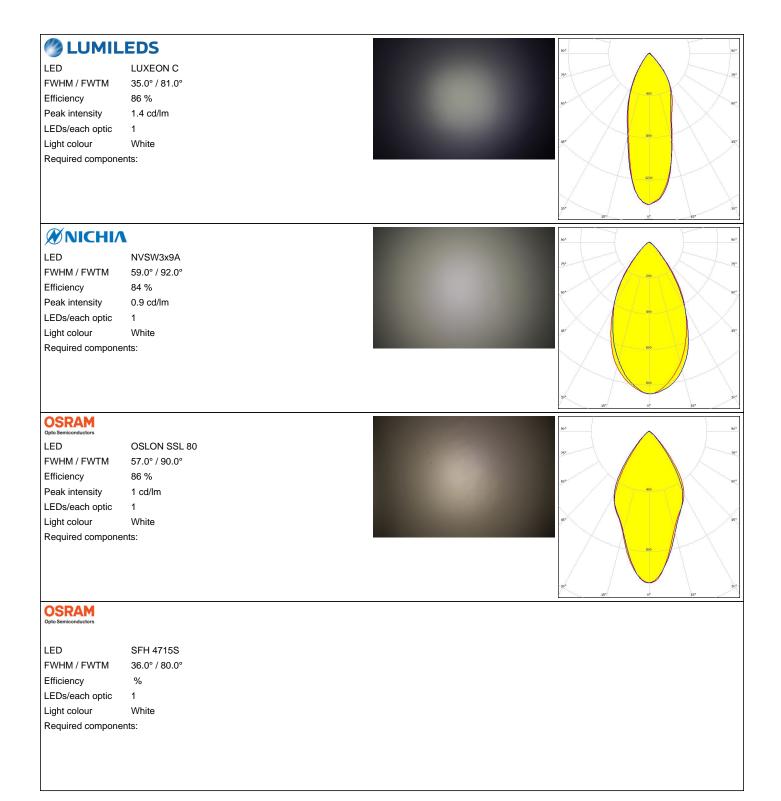




See also our general installation guide: www.ledil.com/installation_guide



OPTICAL RESULTS (MEASURED):







OPTICAL RESULTS (MEASURED):

OSRAM Opto Semiconductors

LED SFH 4725S FWHM / FWTM 35.0° / 82.0°

Efficiency %
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

CREE &

LED XQ-E HI

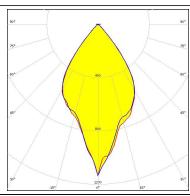
FWHM / FWTM 60.0° / 86.0° Efficiency 94 %

Peak intensity 1.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LUMILEDS

LED LUXEON Z ES

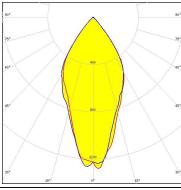
FWHM / FWTM 48.0° / 84.0°

Efficiency 95 %

Peak intensity 1.3 cd/lm

LEDs/each optic 1

Light colour White Required components:



WNICHIA

LED NCSxE17A

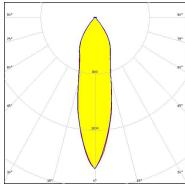
FWHM / FWTM 27.0° / 76.0°

Efficiency 90 %

Peak intensity 2.1 cd/lm

LEDs/each optic 1
Light colour White

Required components:



WNICHIA

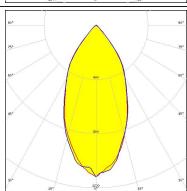
LED NVSxx19B/NVSxx19C

FWHM / FWTM 50.0°

Efficiency 89 %
Peak intensity 1.1 cd/lm

LEDs/each optic 1
Light colour White

Required components:





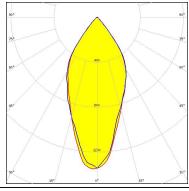
OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors

LED SYNIOS S2222 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 46.0 + 47.0° / 84.0°

Efficiency 98 % Peak intensity 1.4 cd/lm LEDs/each optic Light colour White

Required components:



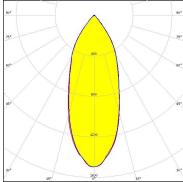
SAMSUNG

LED LH181B FWHM / FWTM 40.1° / 81.3° Efficiency 94 % Peak intensity 1.5 cd/lm LEDs/each optic 1

White

Required components:

Light colour





PRODUCT DATASHEET FA11027_TINA-WW

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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