

TINA-M

~30° medium beam. Assembly with holder, installation tape and location pins.

TECHNICAL SPECIFICATIONS:

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



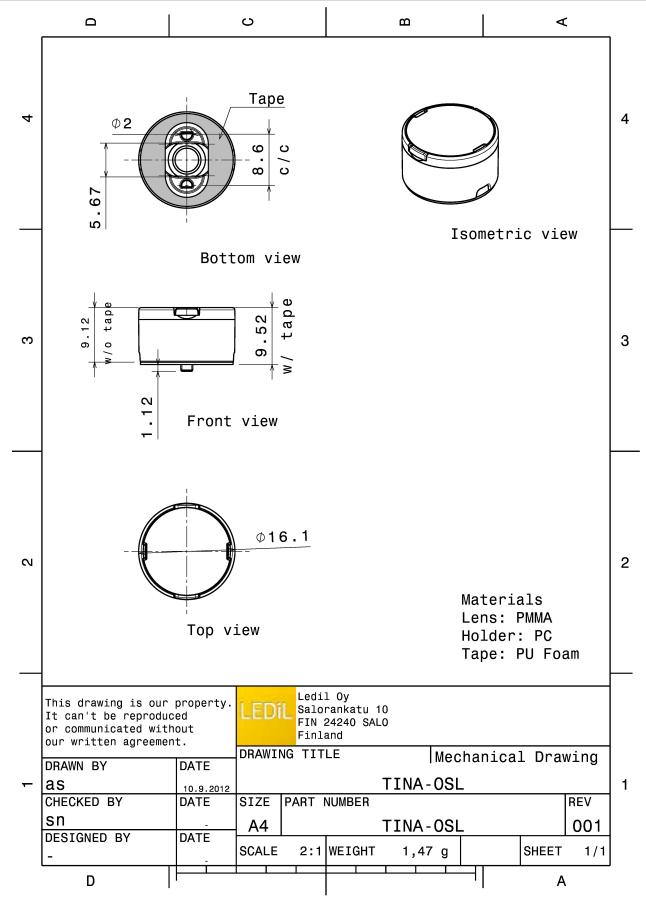
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA-M	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)
FA11206_TINA-M	Single lens	2016	288	144	4.1
» Box size:					

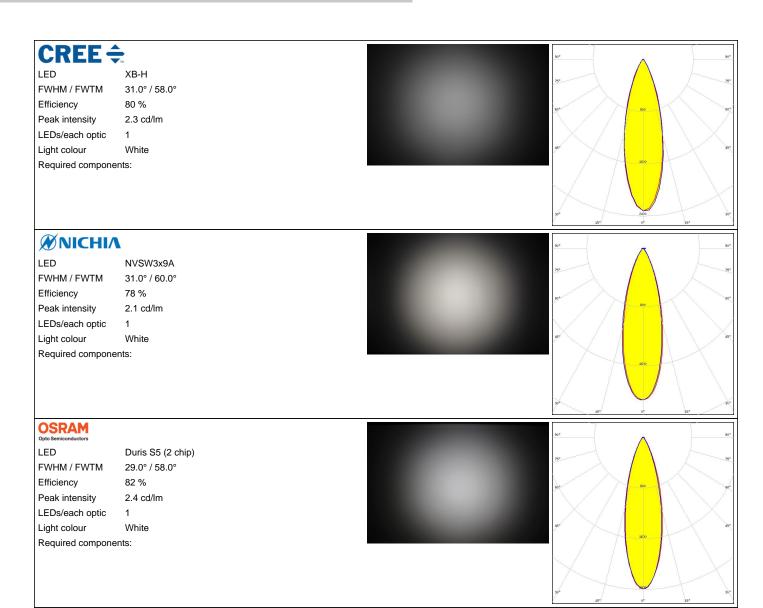




See also our general installation guide: www.ledil.com/installation_guide



PHOTOMETRIC DATA (MEASURED):



OSRAM

LED OSLON SSL 150
FWHM / FWTM 30.0° / 54.0°
Efficiency 85 %
Peak intensity 2 cd/lm
LEDs/each optic 1

Light colour White Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM

LED OSLON SSL 80 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 24.0° / 56.0° Efficiency 83 % Peak intensity 2.3 cd/lm LEDs/each optic Light colour White

OSRAM

Required components:

LED SFH 4715S FWHM / FWTM 28.0° / 56.0°

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

OSRAM Opto Semiconductors

LED SFH 4725S $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 27.0° / 58.0°

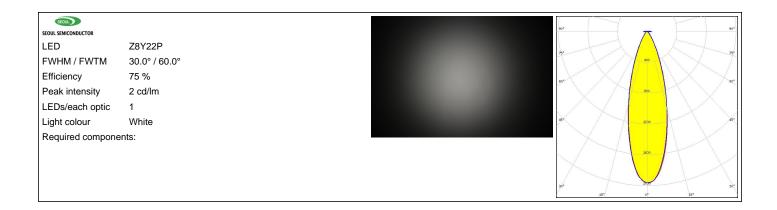
Efficiency % LEDs/each optic Light colour White Required components:

SAMSUNG

LH351A FWHM / FWTM 32.0° / 60.0° Efficiency 91 % Peak intensity 1.5 cd/lm LEDs/each optic White Light colour Required components:



PHOTOMETRIC DATA (MEASURED):



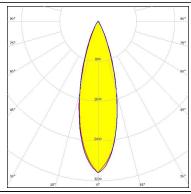


PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

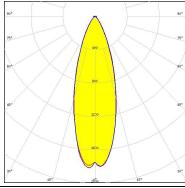
LED LUXEON SunPlus 20 Line (150 deg)

FWHM / FWTM 30.0° / 53.0° Efficiency 89 % Peak intensity 3 cd/lm LEDs/each optic Light colour White Required components:



WNICHIA

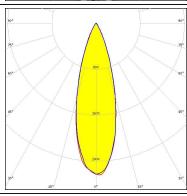
LED NCSxE17A FWHM / FWTM 33.0° / 65.0° Efficiency 79 % Peak intensity 1.8 cd/lm LEDs/each optic 4 White Light colour Required components:



WNICHIA

LED NVSxx19B/NVSxx19C

FWHM / FWTM 30.0° Efficiency 86 % Peak intensity 2.7 cd/lm LEDs/each optic 1 Light colour White Required components:

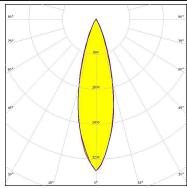


OSRAM

LED SYNIOS S2222 (KW DDLM31)

FWHM / FWTM $28.0^{\circ} / 50.0 + 52.0^{\circ}$

97 % Efficiency Peak intensity 3.5 cd/lm LEDs/each optic 1 White Light colour 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:

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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