

TINA2-RS

~14° spot beam. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
ROHS compliant	yes 🕕



MATERIALS:

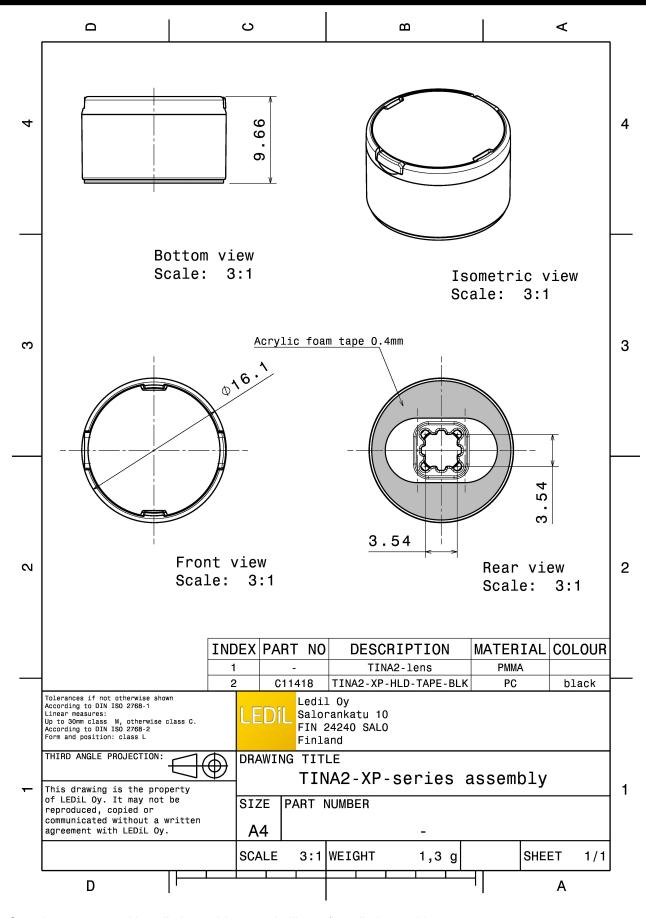
Component	Type	Material	Colour	Finish
TINA2-RS	Single lens	PMMA	clear	
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black	
TINA-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11016_TINA2-RS	Single lens	4140	230	230	8.1
» Box size: 451 x 241 x 298 mm					

Published: 23/04/2021



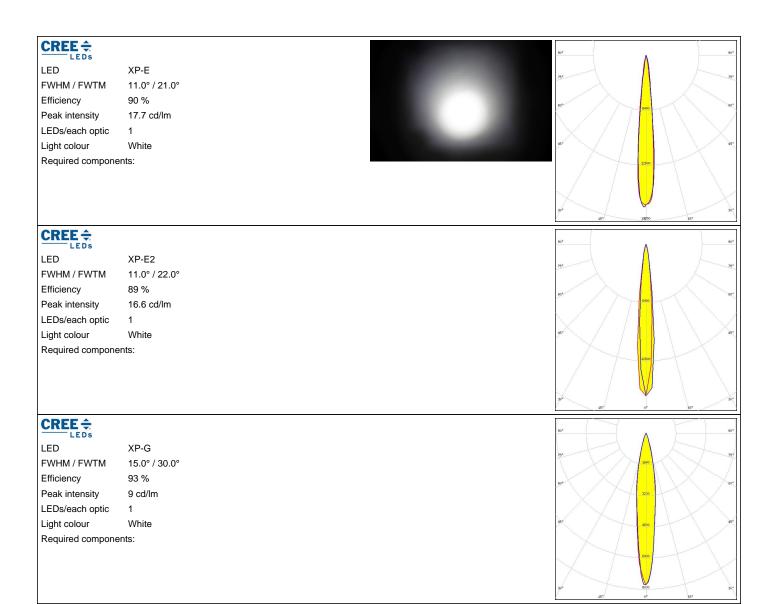


See also our general installation guide: www.ledil.com/installation_guide

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OPTICAL RESULTS (MEASURED):





OPTICAL RESULTS (SIMULATED):

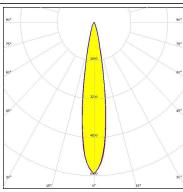
CREE &

LED XP-G2 HE FWHM / FWTM 18.0° / 33.0°

Efficiency 80 %
Peak intensity 6.3 cd/lm

LEDs/each optic 1
Light colour White

Required components:



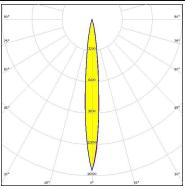
MUMILEDS

LED LUXEON C FWHM / FWTM 11.0° / 24.0°

Efficiency 85 %
Peak intensity 15.5 cd/lm

LEDs/each optic 1
Light colour White

Required components:



LUMILEDS

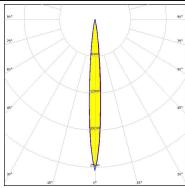
 LED
 LUXEON CZ

 FWHM / FWTM
 9.0° / 19.0°

 Efficiency
 91 %

 Peak intensity
 26.2 cd/lm

LEDs/each optic 1
Light colour Red
Required components:

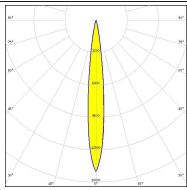


OSRAM

LED OSCONIQ C 2424 FWHM / FWTM 12.0° / 24.0°

Efficiency 92 %
Peak intensity 15 cd/lm
LEDs/each optic 1
Light colour White

Required components:



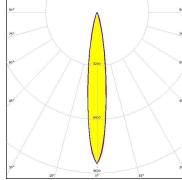


OPTICAL RESULTS (SIMULATED):

OSRAM

LED OSLON Square CSSRM2/CSSRM3

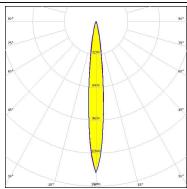
FWHM / FWTM 14.0° / 32.0° Efficiency 91 % Peak intensity 9.1 cd/lm LEDs/each optic Light colour White Required components:



OSRAM

LED OSRAM OSTAR Projection Compact (KW CSLPM1.TG)

FWHM / FWTM 12.0° / 25.0° Efficiency 92 % Peak intensity 14.7 cd/lm LEDs/each optic 1 White Light colour Required components:



OSRAM Opto Semiconductor

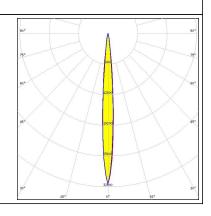
LED SFH 4170S $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 8.5° Efficiency 78 % LEDs/each optic 1 Light colour White Required components:



LED **Z**5

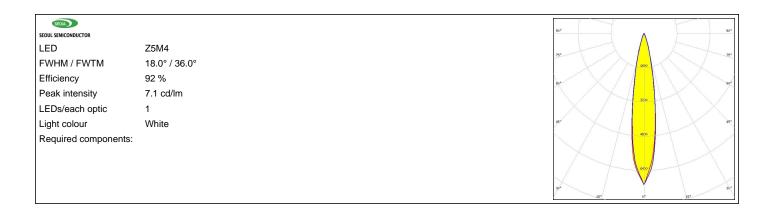
FWHM / FWTM 8.0° / 17.0° Efficiency 91 % Peak intensity 31.6 cd/lm LEDs/each optic White Light colour

Required components:





OPTICAL RESULTS (SIMULATED):





PRODUCT DATASHEET CA11016_TINA2-RS

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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