TINA3-WWW

~70° wide beam optimized for CREE XP-E. Assembly with holder, installation tape and location pins.

SPECIFICATION:

| Dimensions | Ø 16.1 mm |
|----------------|-----------|
| Height | 7 mm |
| Fastening | tape, pin |
| ROHS compliant | yes 🛈 |



MATERIALS:

| Component | Туре | Material | Colour | Finish |
|-----------------------|-------------|--------------|--------|--------|
| TINA3-WWW | Single lens | PMMA | clear | |
| TINA3-HLD-PIN-TAPE-XP | Holder | PC | white | |
| TINA-TAPE3 | Tape | Acrylic foam | black | |

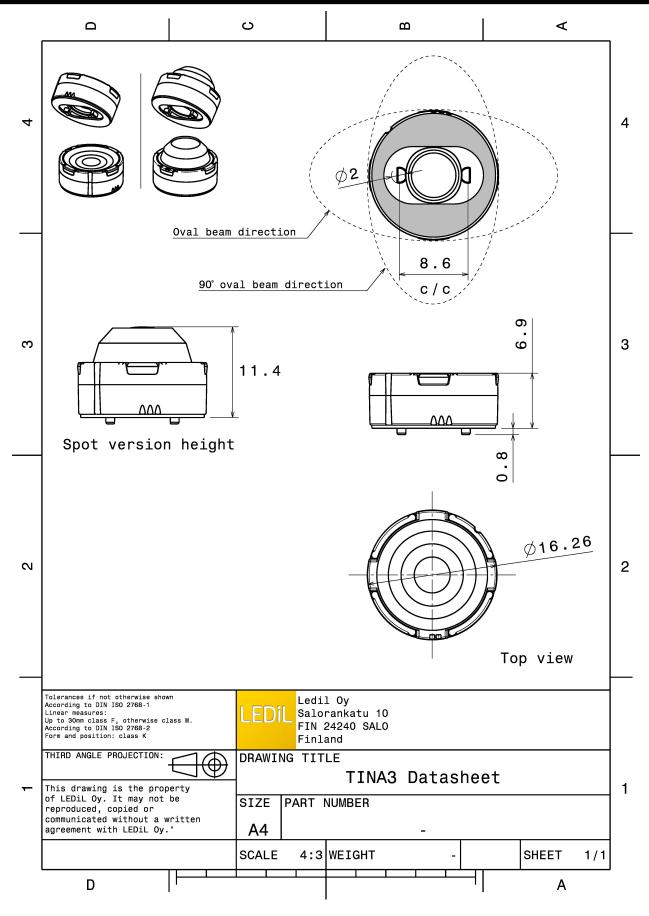
ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|-------------------|-------------|------------|-----|-----|-----------------|
| FA11904_TINA3-WWW | Single lens | 2016 | 288 | 288 | 3.0 |
| » Box size: | | | | | |

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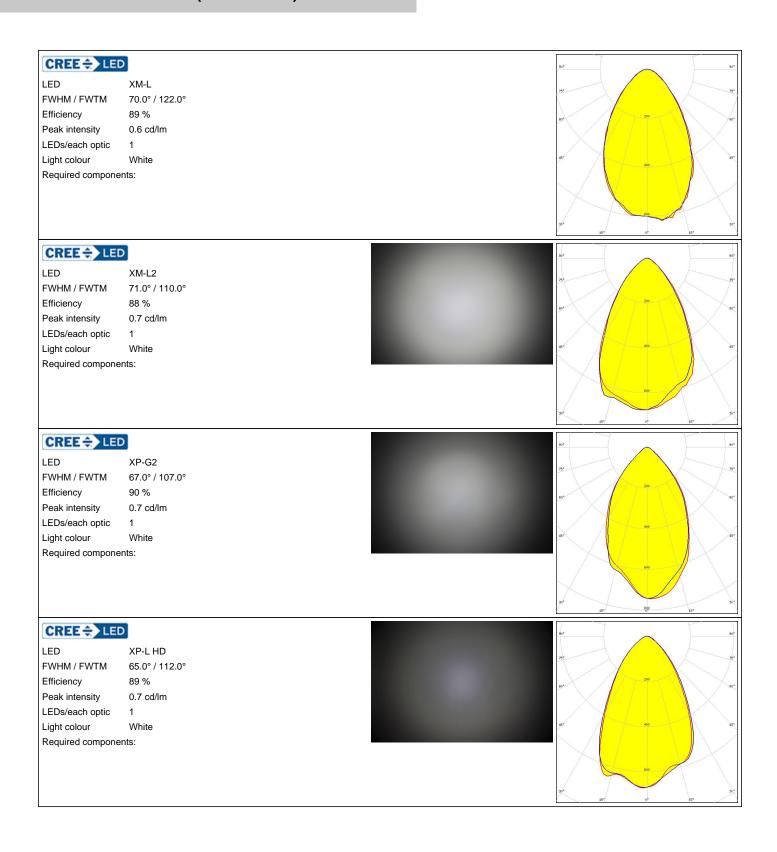




See also our general installation guide: www.ledil.com/installation_guide

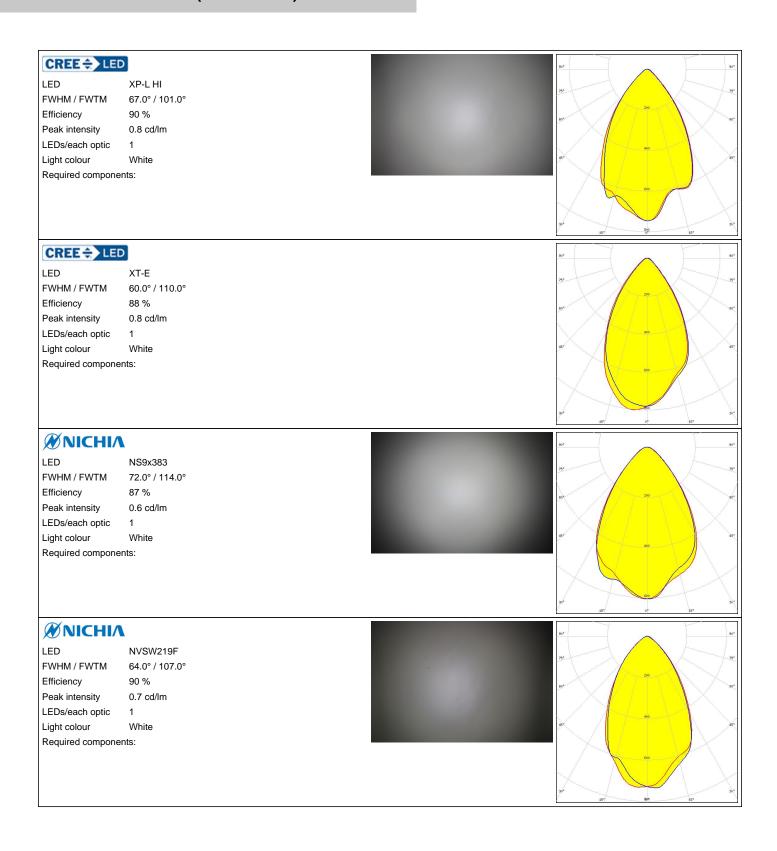


OPTICAL RESULTS (MEASURED):



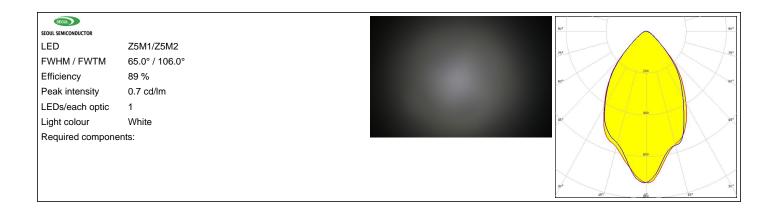


OPTICAL RESULTS (MEASURED):





OPTICAL RESULTS (MEASURED):





OPTICAL RESULTS (SIMULATED):

White



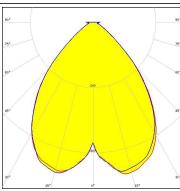
LED XD16 FWHM / FWTM 77.0° /

FWHM / FWTM 77.0° / 116.0° Efficiency 87 %

Peak intensity 0.5 cd/lm LEDs/each optic 4

Required components:

Light colour



CREE - LED

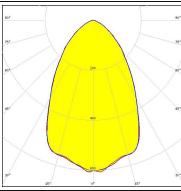
LED XHP35 HD

FWHM / FWTM 67.0° / 120.0° Efficiency 84 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1
Light colour White

Required components:



CREE + LED

LEDs/each optic

Required components:

LED XHP35 HI

FWHM / FWTM 75.0° / 109.0°

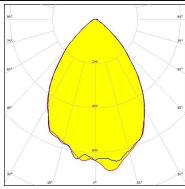
1

Efficiency 94 %

Peak intensity 0.7 cd/lm

Light colour White

e



CREE - LED

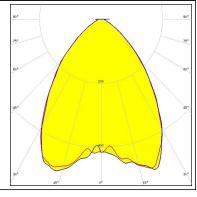
LED XHP35.2 HD

FWHM / FWTM 79.0° / 120.0°

Efficiency 86 %
Peak intensity 0.5 cd/lm

LEDs/each optic 1

Light colour White Required components:



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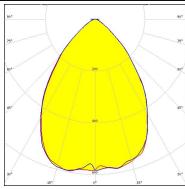
OPTICAL RESULTS (SIMULATED):



LED XM-L HVW $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 80.0° Efficiency % LEDs/each optic 1 Light colour White Required components:

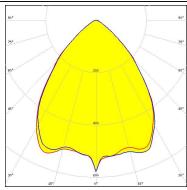
CREE - LED

LED XP-G3 FWHM / FWTM 76.0° / 113.0° Efficiency 91 % Peak intensity 0.6 cd/lm LEDs/each optic 1 White Light colour Required components:



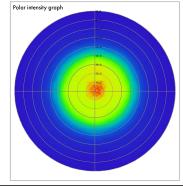
LUMILEDS

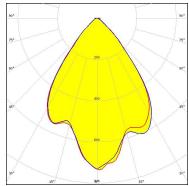
LUXEON HL2X LED $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 81.0° / 113.0° Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:



ELUMINUS

LED SST-10-IR-B90 FWHM / FWTM 72.0° / 99.0° Efficiency 92 % LEDs/each optic 1 IR Light colour Required components:







OPTICAL RESULTS (SIMULATED):





PRODUCT DATASHEET FA11904_TINA3-WWW

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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