

TINA-RS

~13° spot beam optimized for CREE XP-E.
Assembly with holder and installation tape.

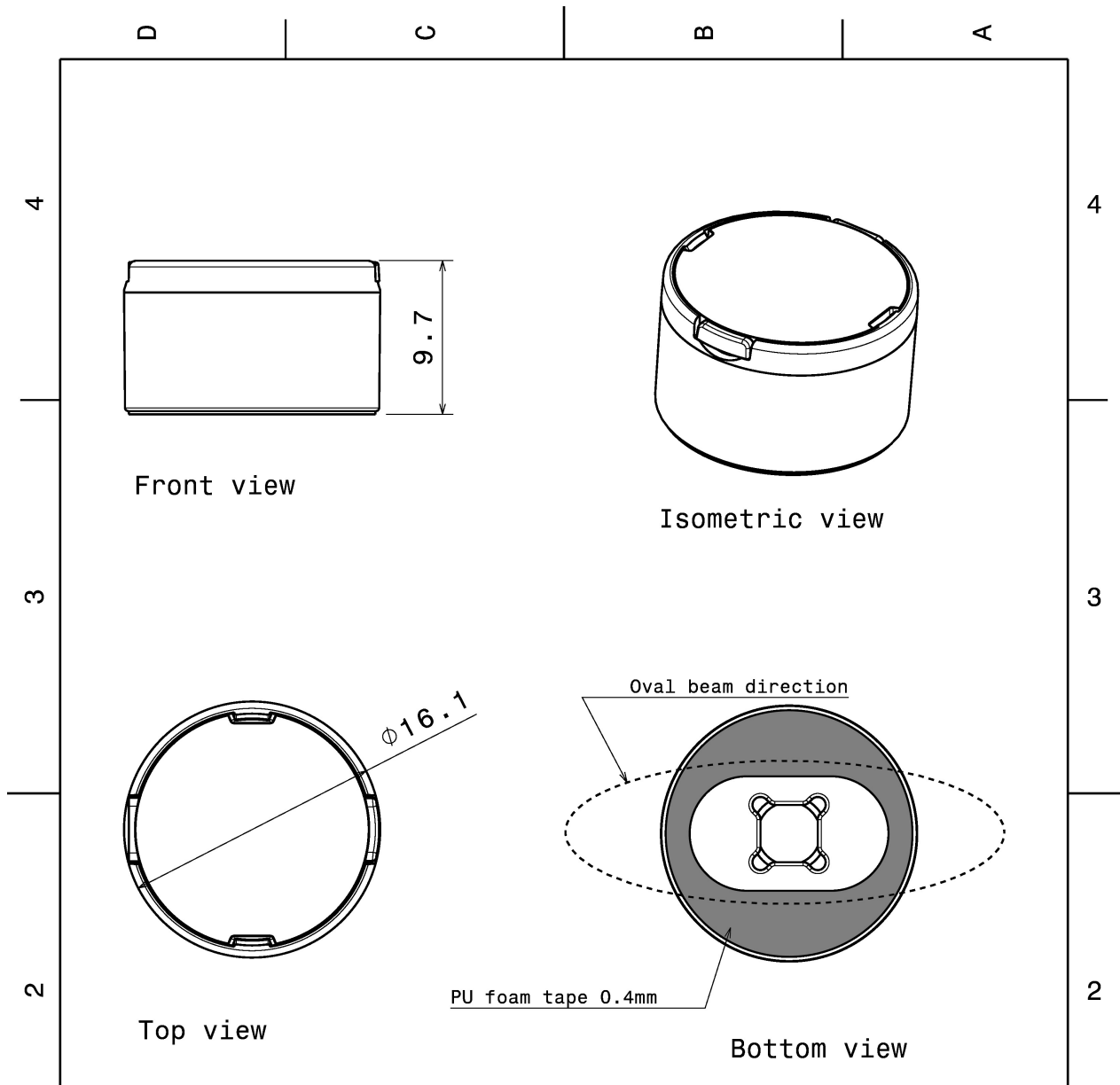
TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| Dimensions | Ø 16.1 mm |
| Height | 9.7 mm |
| Fastening | tape |
| Colour | white |
| Box size | 470 x 240 x 105 mm |
| Box weight | 4 kg |
| Quantity in Box | 2016 pcs |
| ROHS compliant | yes ⓘ |



MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour |
|--------------------|--------|----------|--------|
| TINA-XP-RS | Lens | PMMA | clear |
| TINA-XP-H-TAPE-WHT | Holder | PC | white |
| TINA-TAPE3 | Tape | PU tape | black |




| INDEX | PART NO | DESCRIPTION | MATERIAL | COLOUR |
|-------|---------|-------------|----------|--------|
| 1 | - | Tina lens | PMMA | |
| 2 | - | Tina holder | PC | white |

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL

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THIRD ANGLE PROJECTION: 

DRAWING TITLE

Tina serie datasheet

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SIZE PART NUMBER

A4

-

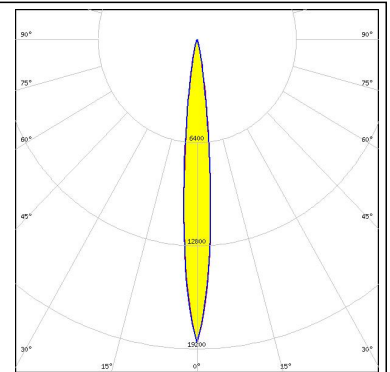
SCALE 1:1 WEIGHT

SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

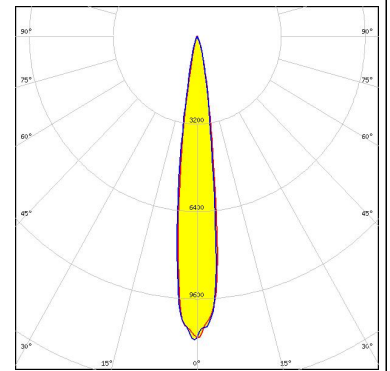
CREE 

LED XP-E
FWHM 10.0°
Efficiency 93 %
Peak intensity 18.300 cd/lm
Required components:



CREE 

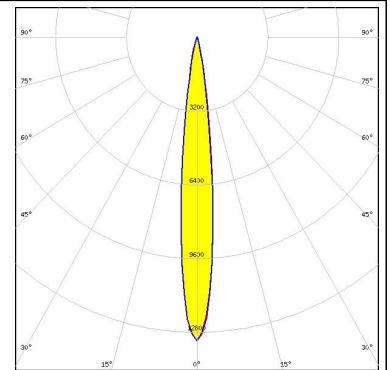
LED XP-G
FWHM 15.0°
Efficiency 94 %
Peak intensity 11.100 cd/lm
Required components:



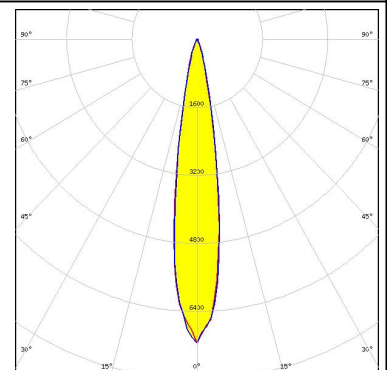
PHOTOMETRIC DATA (SIMULATED):



LED XD16
 FWHM 12.0°
 Efficiency 92 %
 Peak intensity 13.170 cd/lm
 Required components:



LED XP-G3
 FWHM 16.0°
 Efficiency 87 %
 Peak intensity 7.300 cd/lm
 Required components:



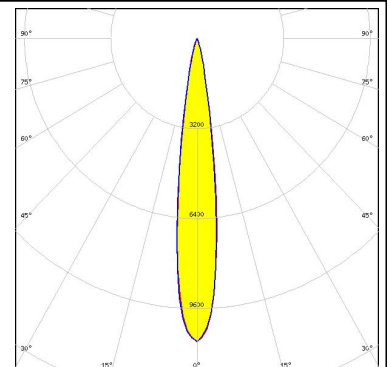
SEOUL SEMICONDUCTOR

LED Z5
 FWHM 11.0°
 Efficiency %
 Peak intensity cd/lm
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM 14.0°
 Efficiency 94 %
 Peak intensity 10.790 cd/lm
 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:

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