

## TINA2-RS

~14° spot beam optimized for CREE XP-E.  
Assembly with holder and installation tape.

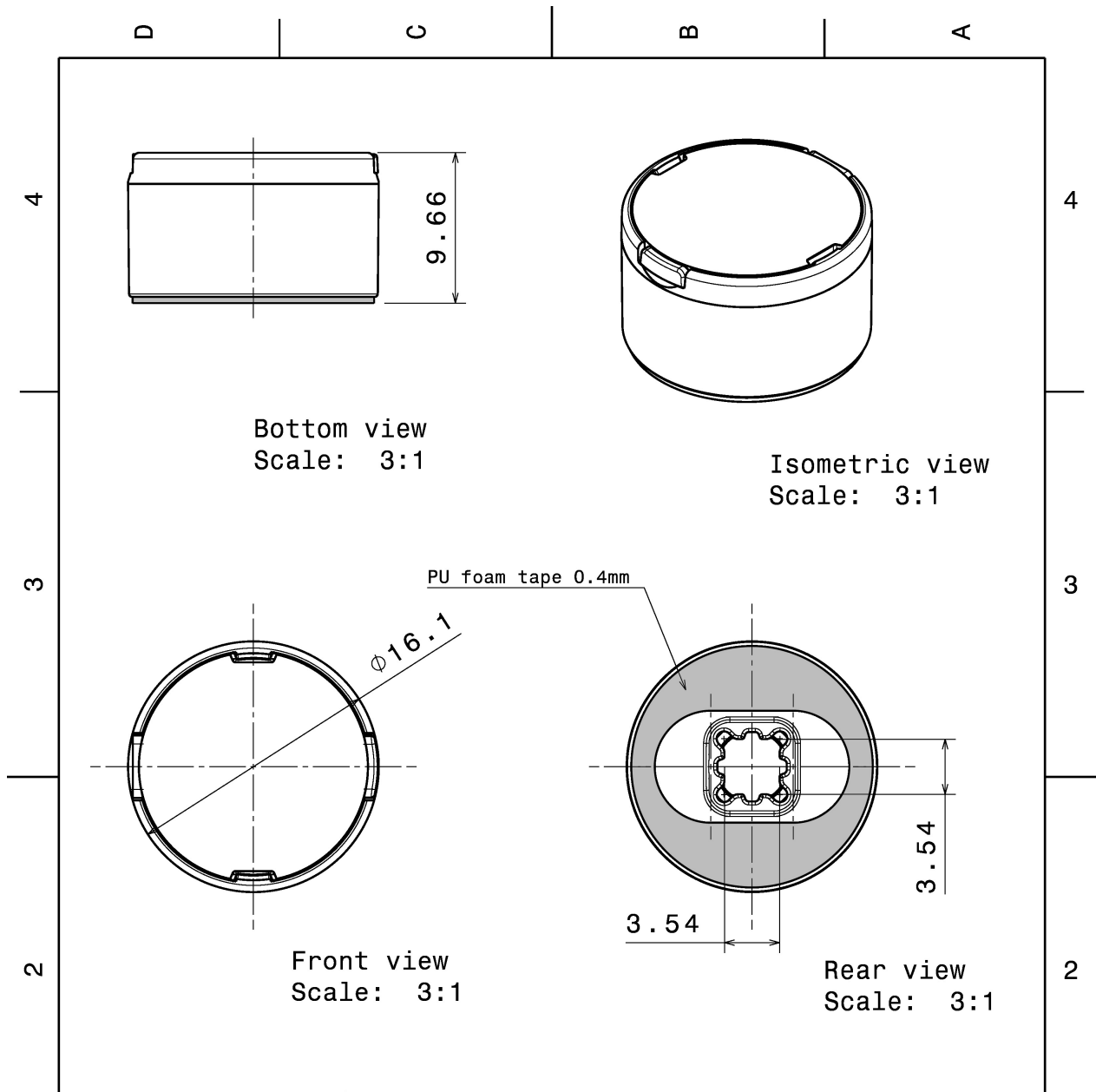
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	tape
Colour	black
Box size	451 x 241 x 298 mm
Box weight	8.1 kg
Quantity in Box	4140 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-RS	Lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black



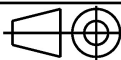
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	TINA2-lens	PMMA	
2	C11418	TINA2-XP-HLD-TAPE-BLK	PC	black

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**

Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

TINA2-XP-series assembly

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SIZE PART NUMBER

A4

-

SCALE

3:1

WEIGHT

1,3 g

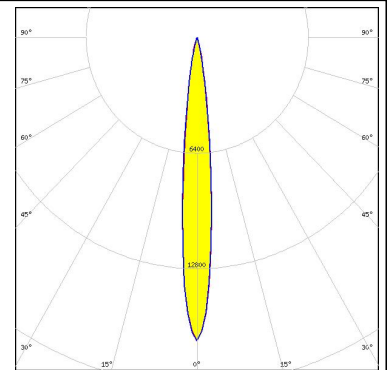
SHEET

1/1

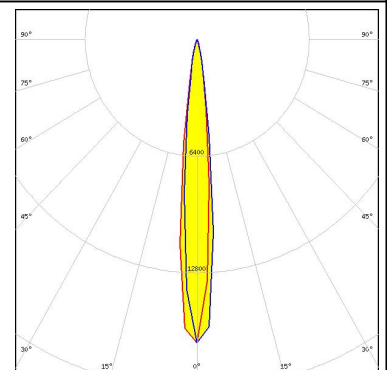
### PHOTOMETRIC DATA (MEASURED):



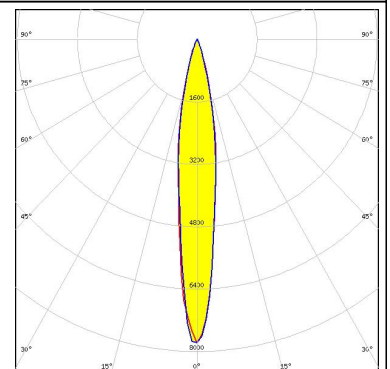
LED XP-E  
 FWHM 11.0°  
 Efficiency 93 %  
 Peak intensity 14.670 cd/lm  
 Required components:



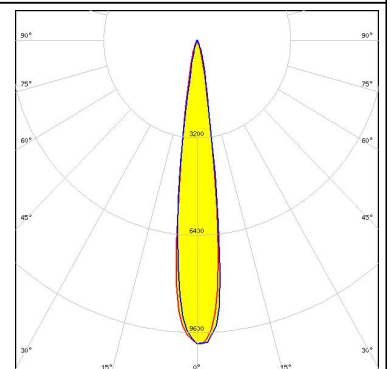
LED XP-E2  
 FWHM 11.0°  
 Efficiency 89 %  
 Peak intensity 16.600 cd/lm  
 Required components:



LED XP-G  
 FWHM 15.0°  
 Efficiency 93 %  
 Peak intensity 9.000 cd/lm  
 Required components:



LED XP-G2  
 FWHM 15.0°  
 Efficiency 91 %  
 Peak intensity 10.000 cd/lm  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

#### LG Innotek

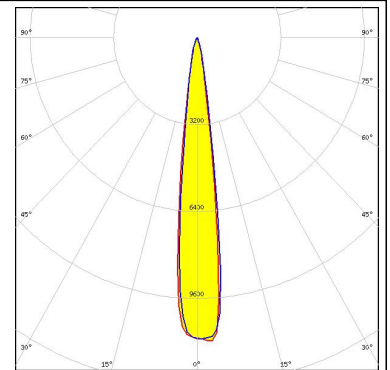
LED H35B0 (LEMWA32)

FWHM 14.0°

Efficiency 91 %

Peak intensity 11.000 cd/lm

Required components:



#### LG Innotek

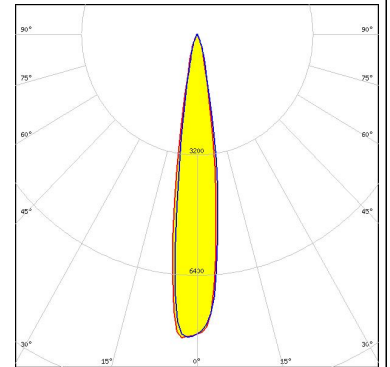
LED H35C0 (LEMWA33)

FWHM 16.0°

Efficiency 91 %

Peak intensity 8.000 cd/lm

Required components:



#### LG Innotek

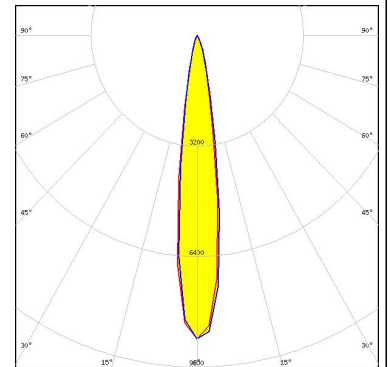
LED H35C1 (LEMWA33)

FWHM 16.0°

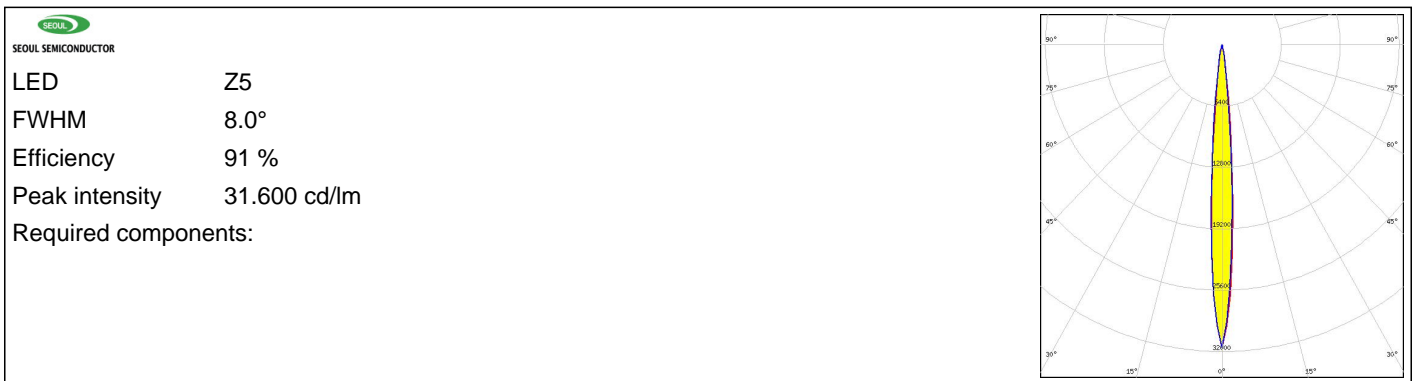
Efficiency 88 %

Peak intensity 8.800 cd/lm

Required components:



### PHOTOMETRIC DATA (SIMULATED):



### 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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