

## TINA2-RS

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

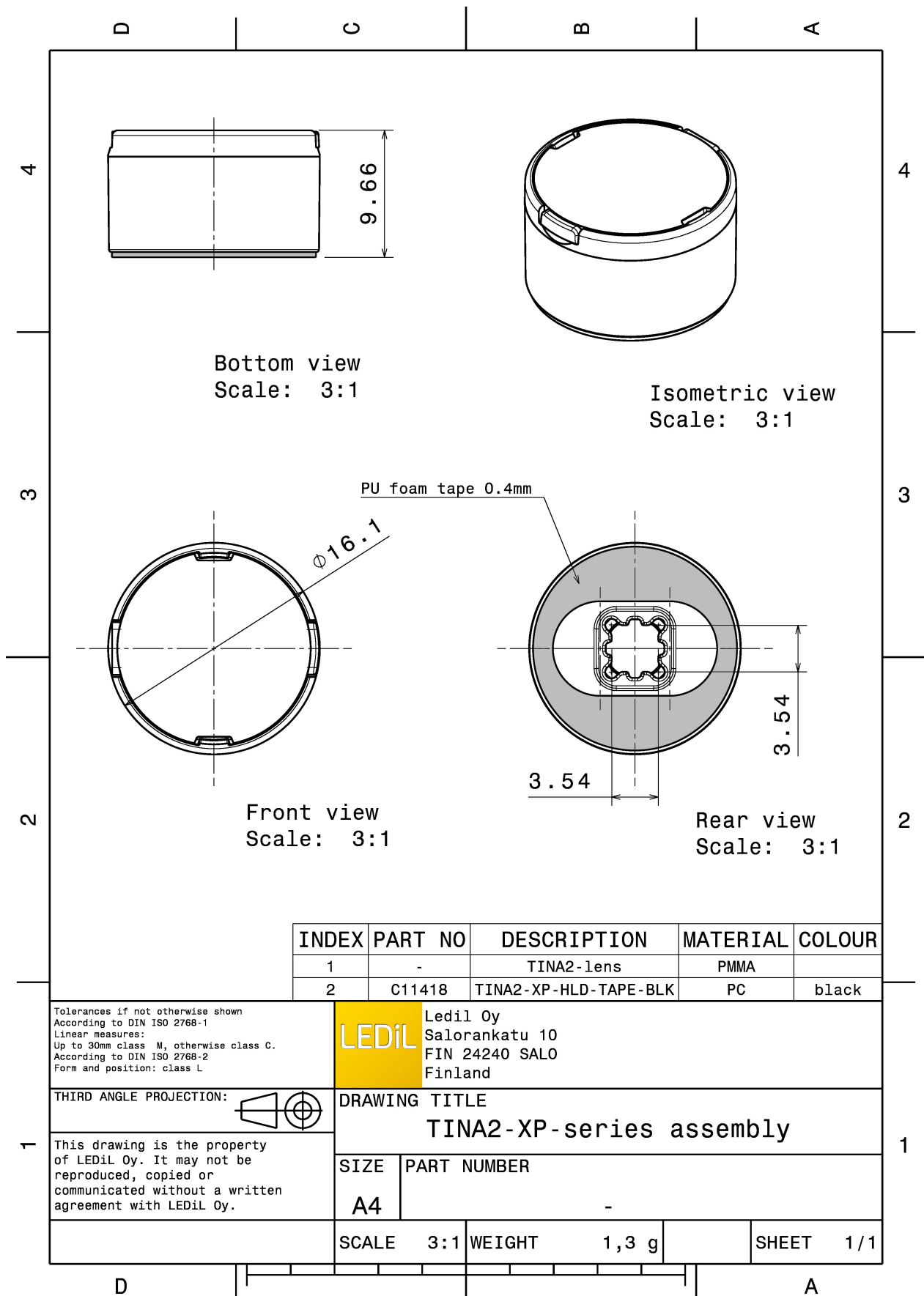
### TECHNICAL SPECIFICATIONS:

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:

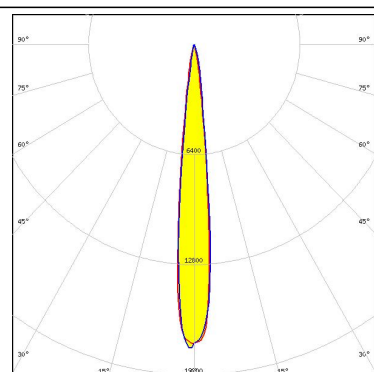
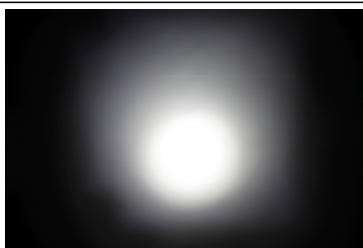
Component	Type	Material	Colour
TINA2-RS	Single lens	PMMA	clear
TINA2-XP-HLD-TAPE-BLK	Holder	PC	black
TINA-TAPE3	Tape	PU tape	black



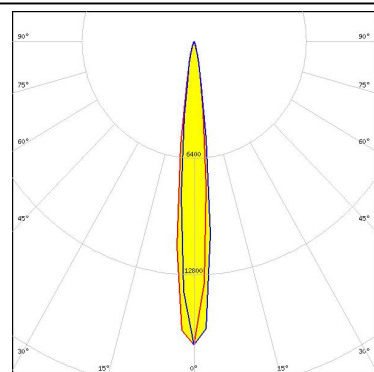
#### PHOTOMETRIC DATA (MEASURED):



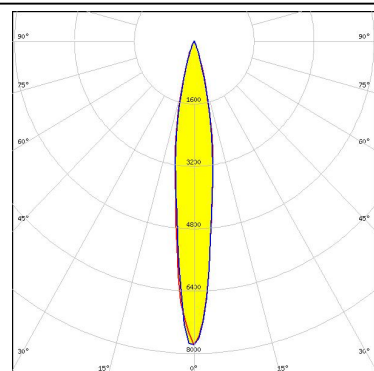
LED XP-E  
FWHM 11.0°  
Efficiency 90 %  
Peak intensity 17.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



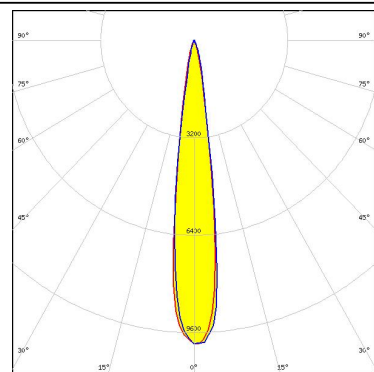
LED XP-E2  
FWHM 11.0°  
Efficiency 89 %  
Peak intensity 16.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-G  
FWHM 15.0°  
Efficiency 93 %  
Peak intensity 9.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



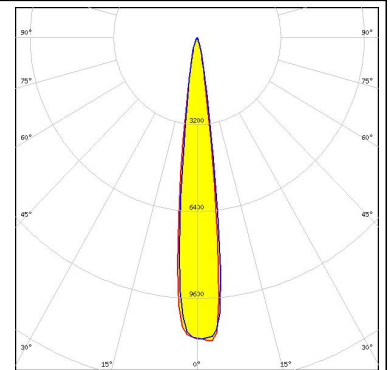
LED XP-G2  
FWHM 15.0°  
Efficiency 91 %  
Peak intensity 10.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

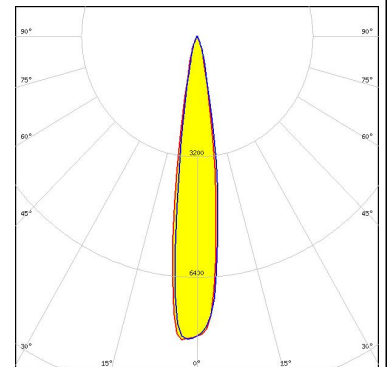
##### LG Innotek

LED H35B0 (LEMWA32)  
 FWHM 14.0°  
 Efficiency 91 %  
 Peak intensity 11.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



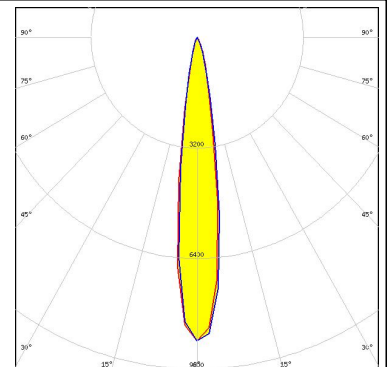
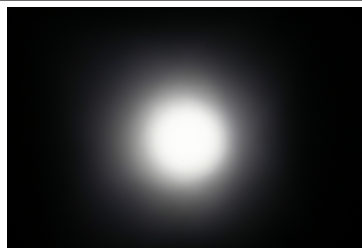
##### LG Innotek

LED H35C0 (LEMWA33)  
 FWHM 16.0°  
 Efficiency 91 %  
 Peak intensity 8.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



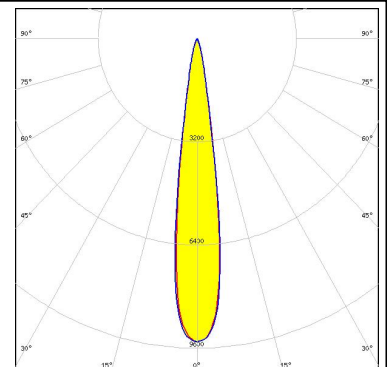
##### LG Innotek

LED H35C1 (LEMWA33)  
 FWHM 16.0°  
 Efficiency 88 %  
 Peak intensity 8.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### PHILIPS

LED Fortimo FastFlex 2x8 DS G3  
 FWHM 15.0°  
 Efficiency 86 %  
 Peak intensity 9.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 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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