

## TINA2-O

~35° 15° oval beam optimized for CREE XP-E.  
Assembly with holder.

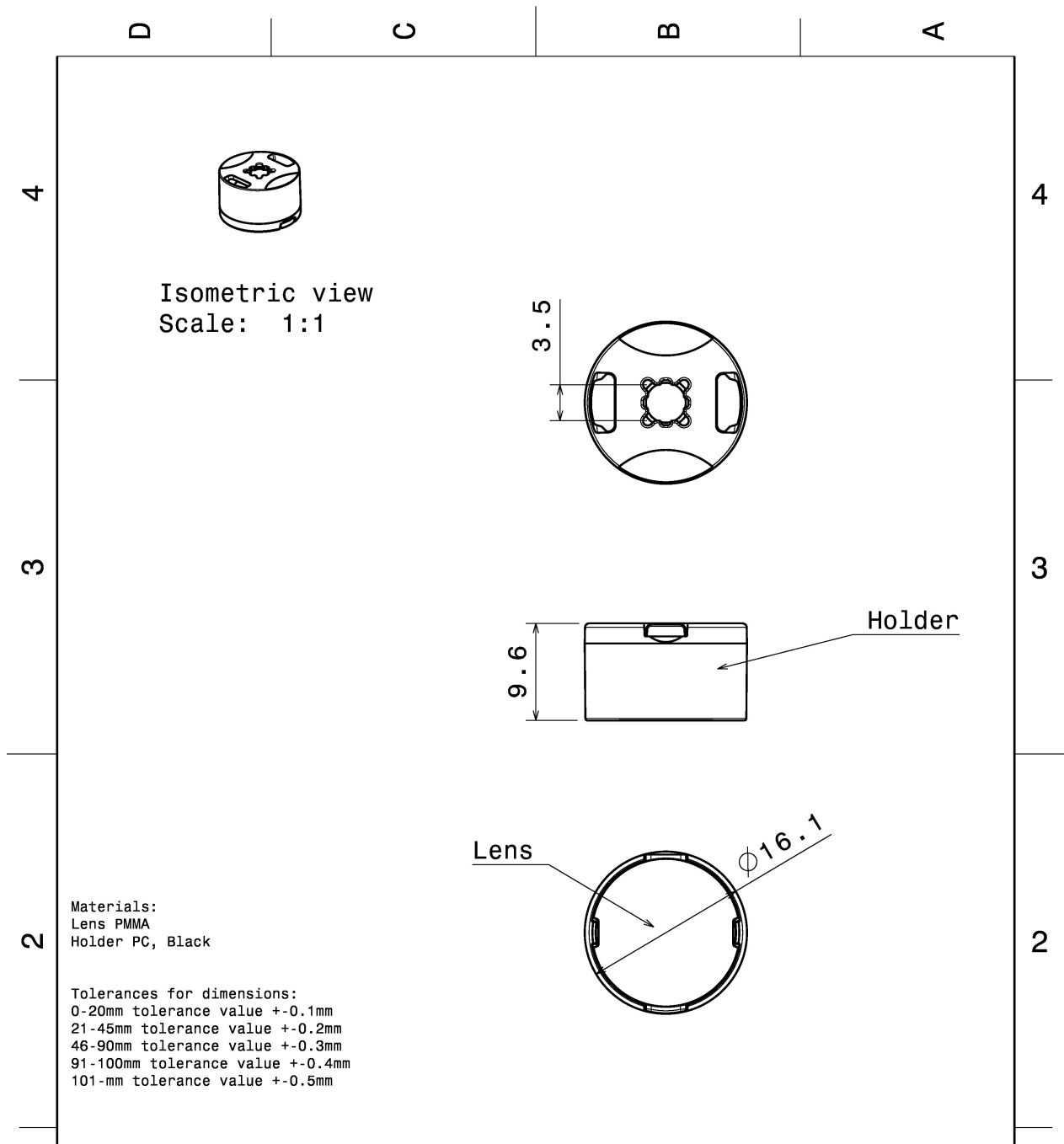
### TECHNICAL SPECIFICATIONS:


Dimensions	Ø 16.1 mm
Height	9.8 mm
Fastening	glue
Colour	black
Box size	451 x 241 x 298 mm
Box weight	4.4 kg
Quantity in Box	2400 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA2-XP-O	Lens	PMMA	clear
TINA2-XP-HLD	Holder	PC	black

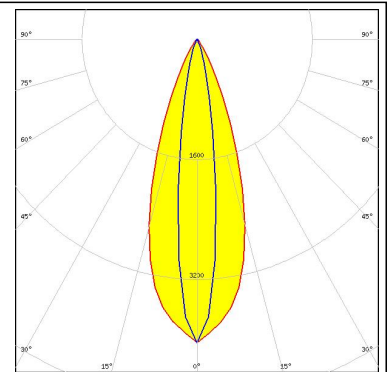


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<b>DRAWING TITLE</b>			
Datasheet Tina2 XP Glue Assy			
<b>DRAWN BY</b> pv	<b>DATE</b> 11.04.2012		
<b>CHECKED BY</b> sn	<b>DATE</b> 12.03.2012	<b>SIZE</b> A4	<b>DRAWING NUMBER</b> -
<b>DESIGNED BY</b> pv	<b>DATE</b> 12.03.2012	<b>SCALE</b> 2:1	<b>WEIGHT (g)</b> -
		<b>SHEET</b> 1/1	

### PHOTOMETRIC DATA (MEASURED):

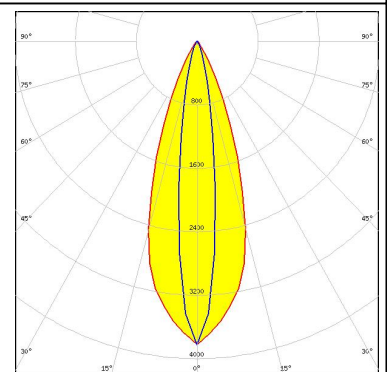
**CREE** 

LED XP-G  
FWHM 35.0 + 16.0°  
Efficiency 87 %  
Peak intensity 3.900 cd/lm  
Required components:



**CREE** 

LED XT-E  
FWHM 35.0 + 16.0°  
Efficiency 82 %  
Peak intensity 3.800 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:

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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