

## TINA2-M

~30° medium beam optimized for CREE XP-E.  
Assembly with holder.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.7 mm
Fastening	glue
ROHS compliant	yes ⓘ

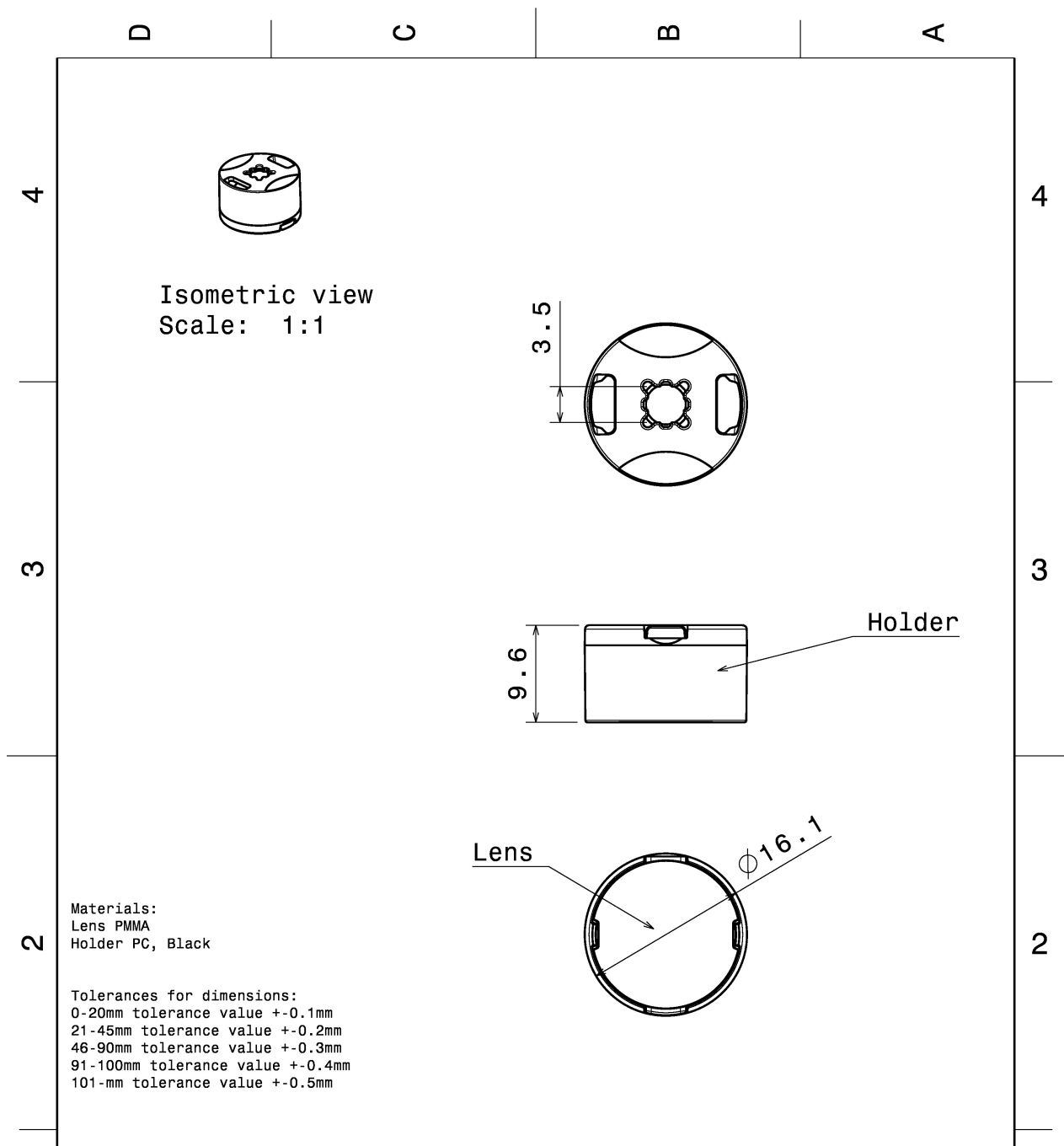
### MATERIAL SPECIFICATIONS:


Component	Type	Material	Colour	Finish
TINA2-XP-M	Single lens	PMMA		
TINA2-XP-HLD	Holder	PC		



### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12679_TINA2-M	Single lens	2400		240	4.4
» Box size: 300 x 250 x 250 mm					

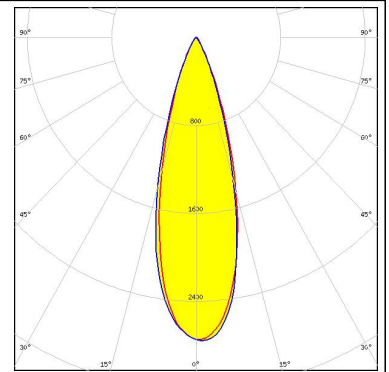


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<b>DRAWING TITLE</b>			
<b>Datasheet Tina2 XP Glue Assy</b>			
<b>DRAWN BY</b> pv	<b>DATE</b> 11.04.2012	<b>DRAWING NUMBER</b> -	
<b>CHECKED BY</b> sn	<b>DATE</b> 12.03.2012	<b>SIZE</b> A4	<b>REV</b> 1
<b>DESIGNED BY</b> pv	<b>DATE</b> 12.03.2012	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

### PHOTOMETRIC DATA (MEASURED):

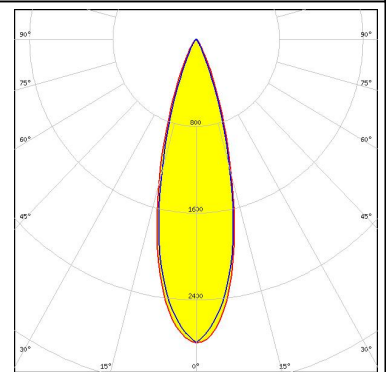
**CREE** 

LED XP-G  
FWHM 30.0°  
Efficiency 88 %  
Peak intensity 2.800 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**CREE** 

LED XT-E  
FWHM 29.0°  
Efficiency 81 %  
Peak intensity 2.600 cd/lm  
LEDs/each optic 1  
Light colour White  
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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