

## TINA2-RS

~14° spot beam optimized for Osram Golden Dragon+. Assembly with holder and installation tape.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	10.1 mm
Fastening	tape
ROHS compliant	yes ⓘ

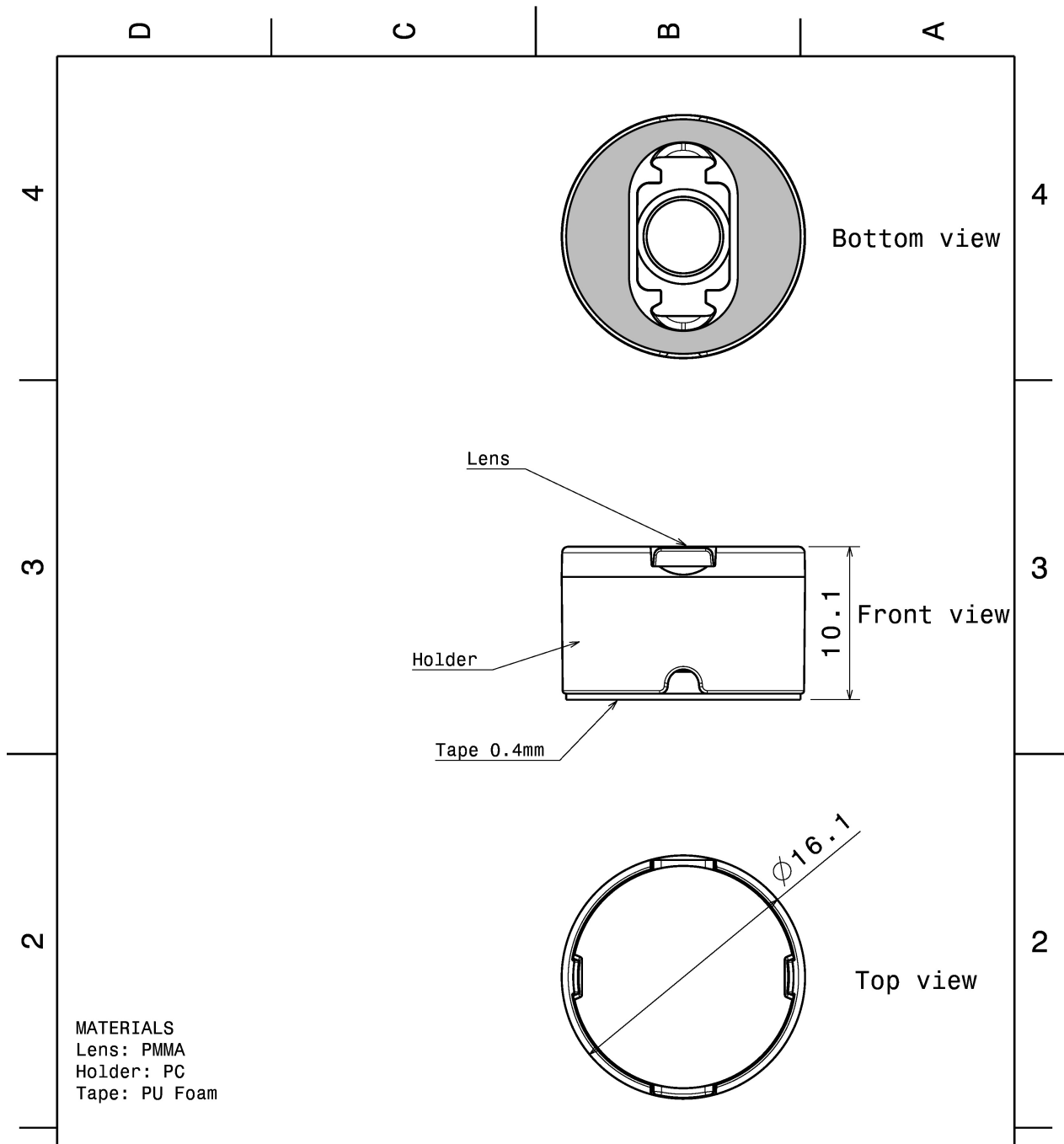



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA2-O-PLUS-RS	Single lens	PMMA	clear	
TINA2-O-PLUS-HLD-WHT	Holder	PC	white	
TINA-TAPE3	Tape	PU tape	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11847_TINA2-RS	Single lens	4140	230	230	0.0
» Box size: 451 x 241 x 298 mm					



This drawing is our property. It can't be reproduced or communicated without our written agreement.				DRAWING TITLE	
DRAWN BY m	DATE 29.04.2011	Datasheet Tina2-0-Plus Assy			
CHECKED BY i k	DATE 29.04.2011	SIZE A4	DRAWING NUMBER		REV 2
DESIGNED BY HH	DATE 01.01.2011	SCALE 3:1	WEIGHT (g)	-	SHEET 1/1

## PHOTOMETRIC DATA (MEASURED):

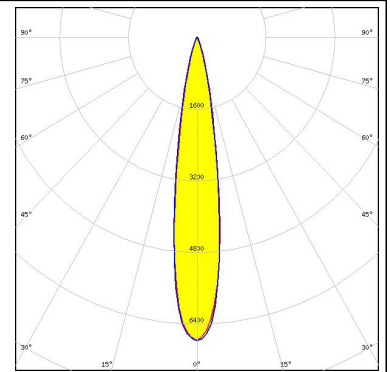
**OSRAM**  
Opto Semiconductors

LED	Golden Dragon+
FWHM	10.0°
Efficiency	93 %
Peak intensity	18 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

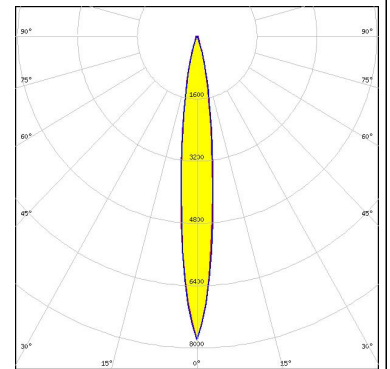
#### PHOTOMETRIC DATA (SIMULATED):



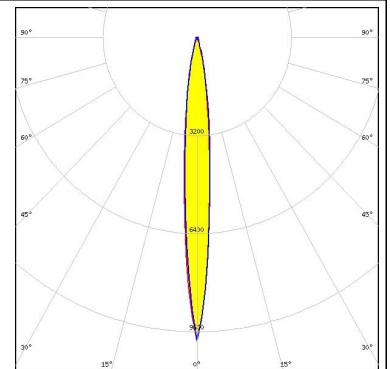
LED XP-G2 HE  
 FWHM 17.0°  
 Efficiency 88 %  
 Peak intensity 6.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



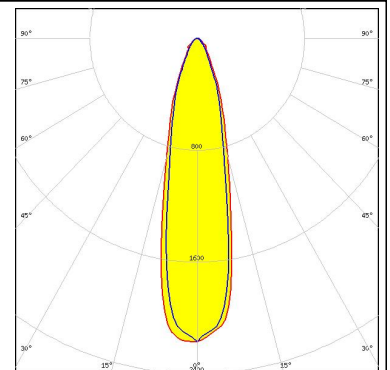
LED XT-E  
 FWHM 13.0°  
 Efficiency 82 %  
 Peak intensity 7.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



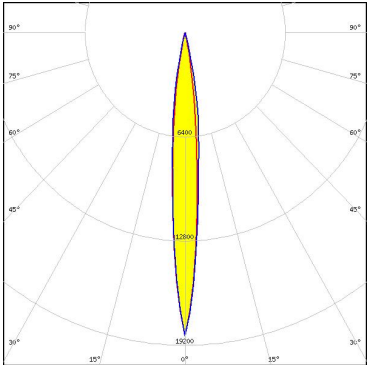
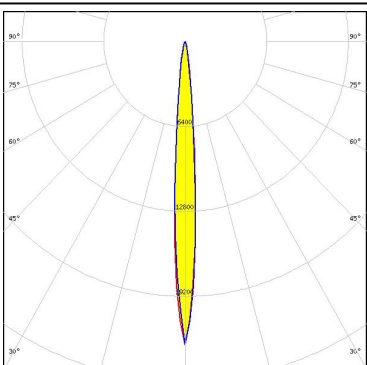
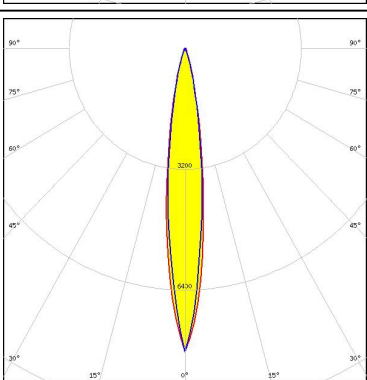
LED LUXEON IR Domed 150  
 FWHM 10.0°  
 Efficiency 81 %  
 LEDs/each optic 1  
 Light colour IR  
 Required components:



LED Duris S8  
 FWHM 25.0°  
 Efficiency 85 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED: PLPVEC2 850A            FWHM: 10.0°            Efficiency: 93 %            LEDs/each optic: 1            Light colour: IR            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED: SFH 4232A            FWHM: 8.0°            Efficiency: 94 %            LEDs/each optic: 1            Light colour: IR            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED: SFH 4725S            FWHM: 14.0°            Efficiency: 88 %            LEDs/each optic: 1            Light colour: IR            Required components:</p>	

### 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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