

## TINA-W

~50° wide beam

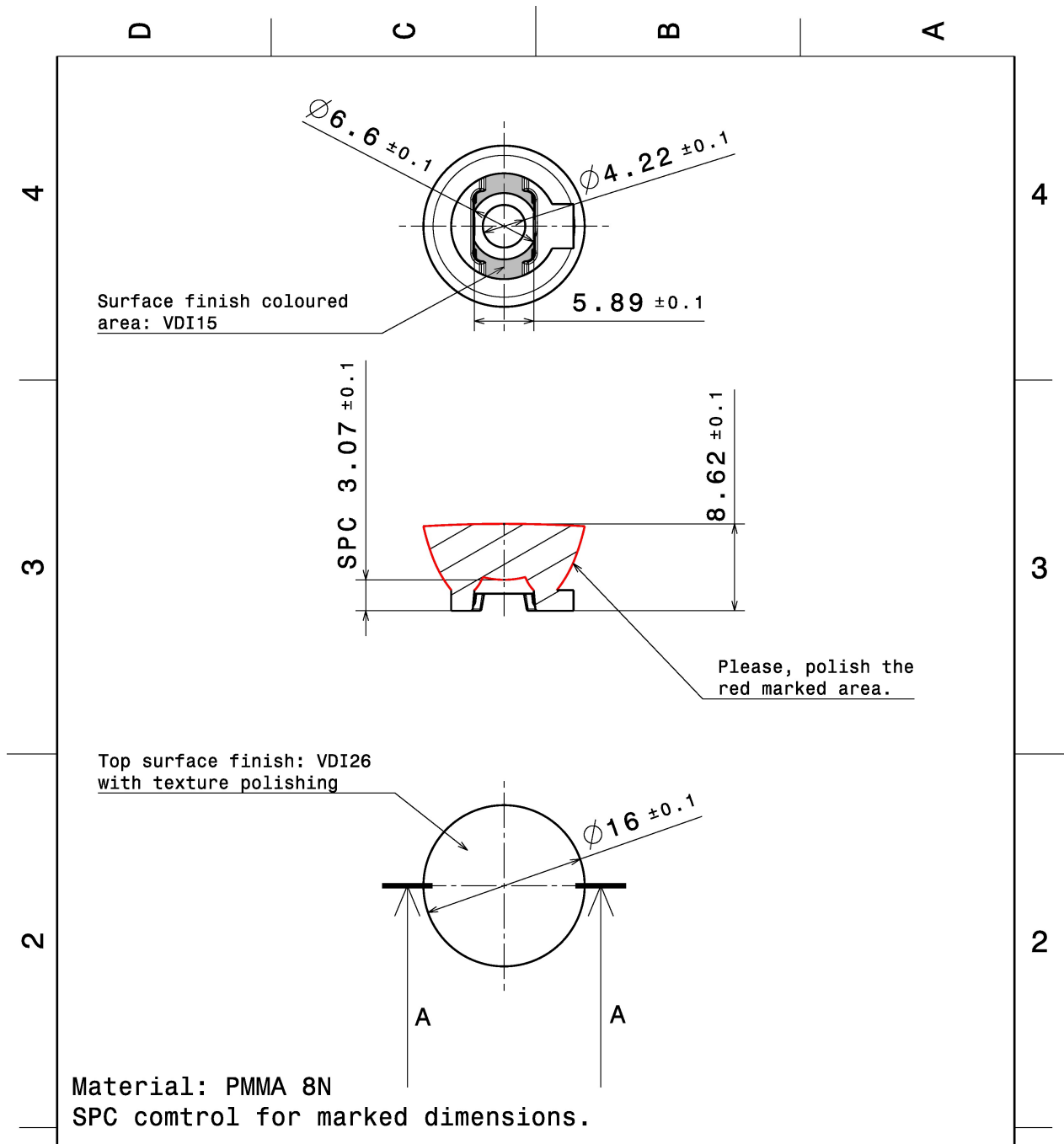
### TECHNICAL SPECIFICATIONS:


Dimensions	Ø 16.0 mm
Height	8.6 mm
Fastening	glue
Colour	clear
Box size	254 x 298 x 241 mm
Box weight	4.2 kg
Quantity in Box	2880 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA-W	Lens	PMMA	clear



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DRAWING TITLE		Drawing Tina-W			
DRAWN BY	DATE	SIZE	DRAWING NUMBER	REV	
pv	25.05.2009	A4	10449	0.2	
CHECKED BY	DATE	SCALE	WEIGHT (g)	SHEET	
hh	20.05.2009	2:1		1/1	
DESIGNED BY	DATE				
HH	31.12.2007				

## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED Golden Dragon+

FWHM 71.0°

Efficiency 89 %

Peak intensity 0.550 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:

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