


## TINA-W

~50° wide beam

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.0 mm
Height	8.6 mm
Fastening	glue
ROHS compliant	yes 

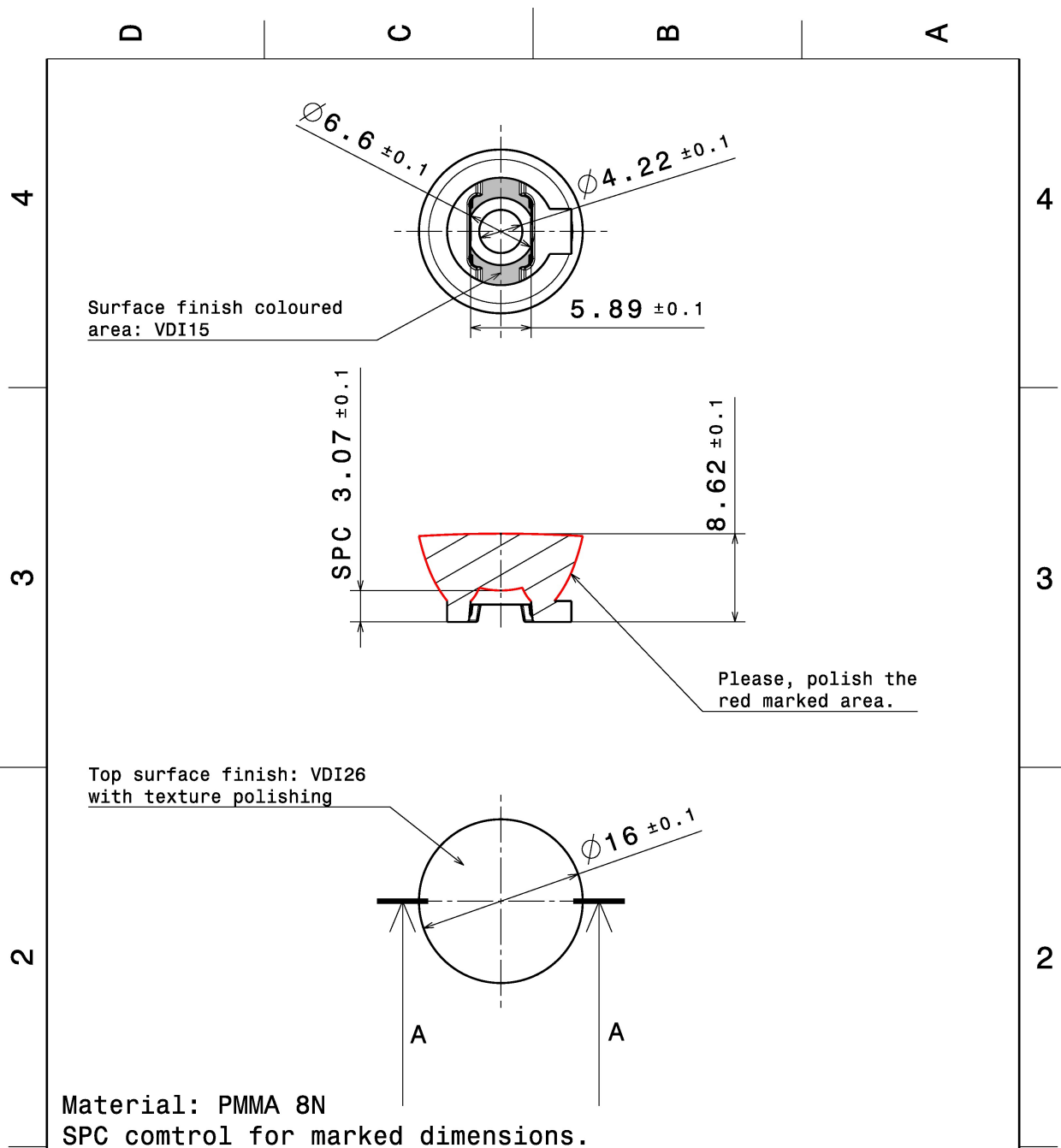
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA-W	Single lens	PMMA	clear	



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10449_TINA-W » Box size: 300 x 250 x 250 mm	2880	480	480	4.2



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DRAWING TITLE

Drawing Tina-W

DRAWN BY  
pv

DATE  
25.05.2009

CHECKED BY  
hh

DATE  
20.05.2009

SIZE  
A4

DRAWING NUMBER  
10449

REV  
0.2

DESIGNED BY  
HH

DATE  
31.12.2007

SCALE 2:1 WEIGHT (g) SHEET 1/1

## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED	Golden Dragon+
FWHM	71.0°
Efficiency	89 %
Peak intensity	0.6 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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