

## TINA2-D

~16° diffused spot beam optimized for Osram  
Oslon SSL80. Assembly with holder.

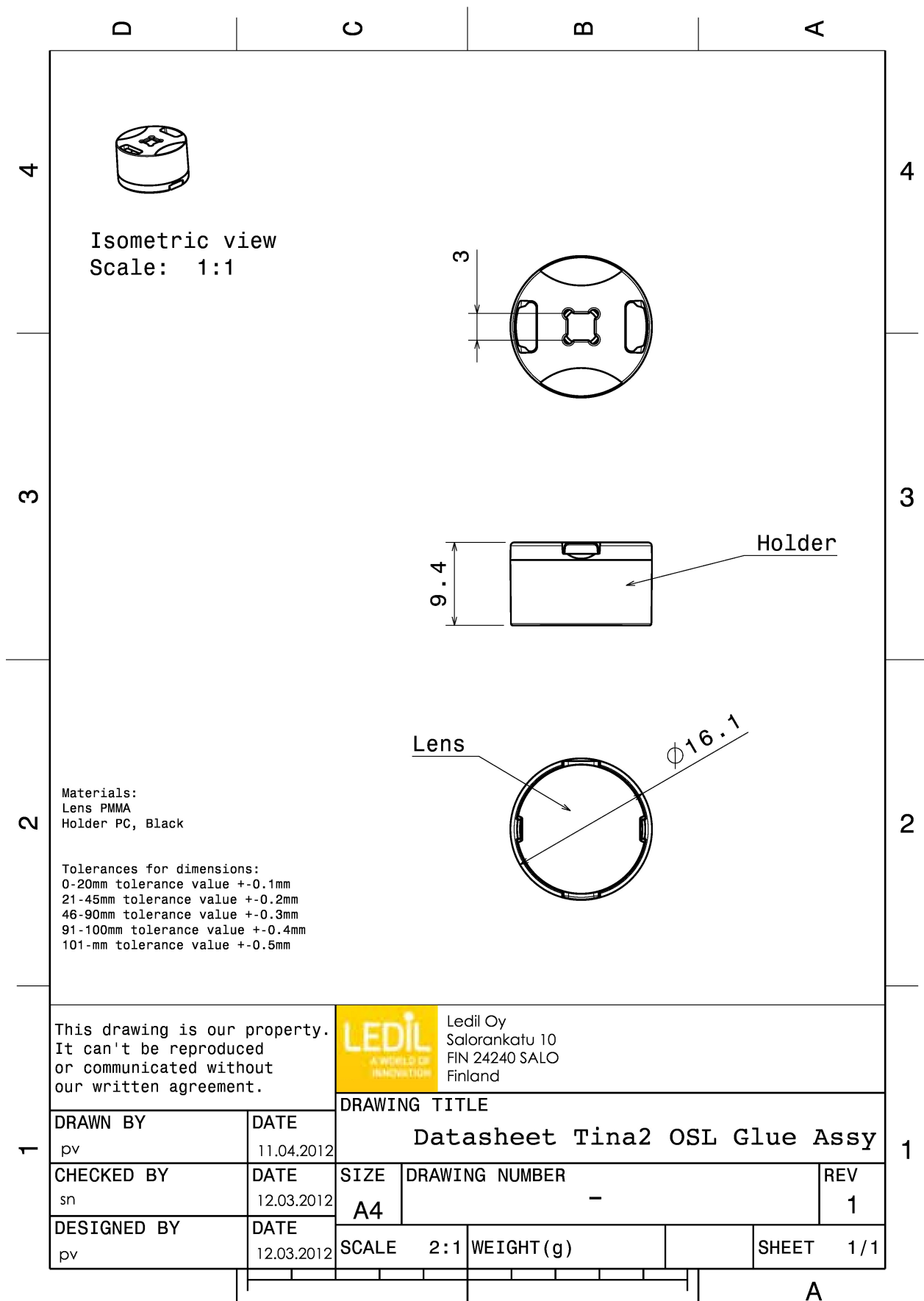
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	9.5 mm
Fastening	glue
Colour	black
Box size	300 x 250 x 250 mm
Box weight	4.4 kg
Quantity in Box	2400 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

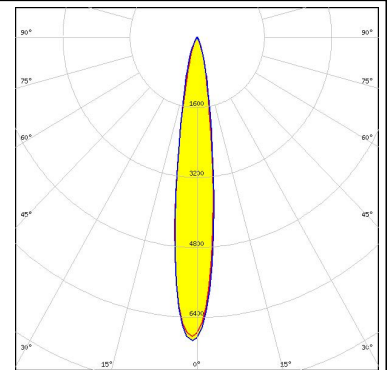
Component	Type	Material	Colour
TINA2-XP-D	Single lens	PMMA	clear
TINA2-OSL-HLD	Holder	PC	black



### PHOTOMETRIC DATA (MEASURED):

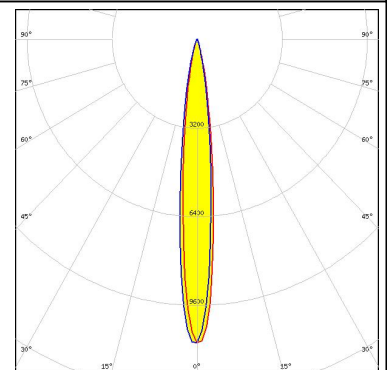
#### OSRAM Opto Semiconductors

LED OSLON Square EC  
FWHM 15.0°  
Efficiency 87 %  
Peak intensity 7.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



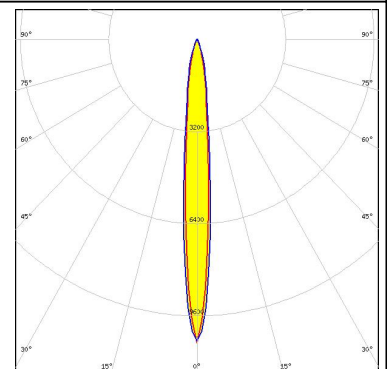
#### OSRAM Opto Semiconductors

LED OSLON SSL 150  
FWHM 12.0°  
Efficiency 89 %  
Peak intensity 10.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OSRAM Opto Semiconductors

LED OSLON SSL 80  
FWHM 11.0°  
Efficiency 87 %  
Peak intensity 10.000 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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