

## TITANUM-O-O

~35° + 8° oval beam. Assembly with tape.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	14.9 mm
Fastening	tape
ROHS compliant	yes ⓘ

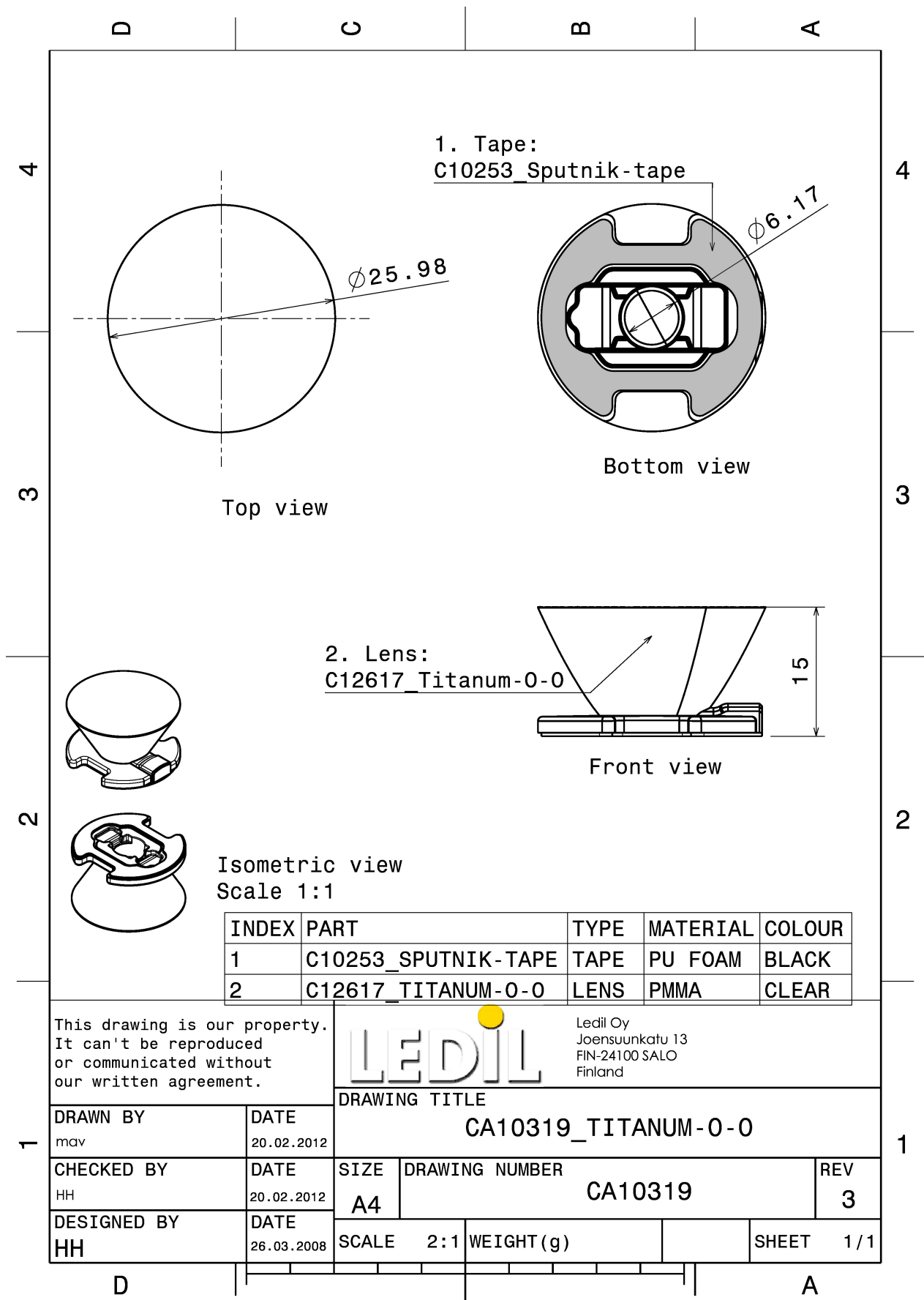
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TITANUM-O-O	Single lens	PMMA	clear	
SPUTNIK-TAPE	Tape	PU tape	black	



### ORDERING INFORMATION:

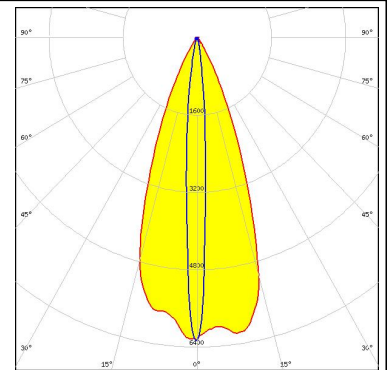
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA10319_TITANUM-O-O	Single lens	1001	308	77	6.9
» Box size: 480 x 280 x 300 mm					



#### PHOTOMETRIC DATA (MEASURED):

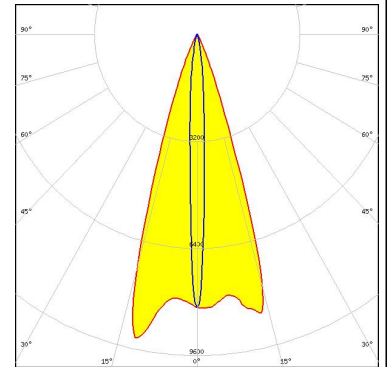
##### OSRAM Opto Semiconductors

LED Golden Dragon+  
FWHM 40.0 + 8.0°  
Efficiency 91 %  
Peak intensity 6.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM Opto Semiconductors

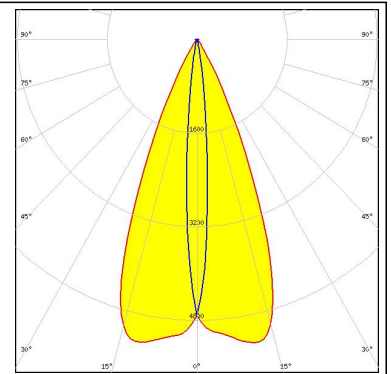
LED Platinum Dragon  
FWHM 36.0 + 6.0°  
Efficiency 94 %  
Peak intensity 9.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (SIMULATED):



LED	LUXEON TX
FWHM	45.0 + 10.0°
Efficiency	90 %
Peak intensity	5.3 cd/m
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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