

## TITANUM-O-90

~8° 35° oval beam. Variant with beam direction rotated 90°. Assembly with tape.

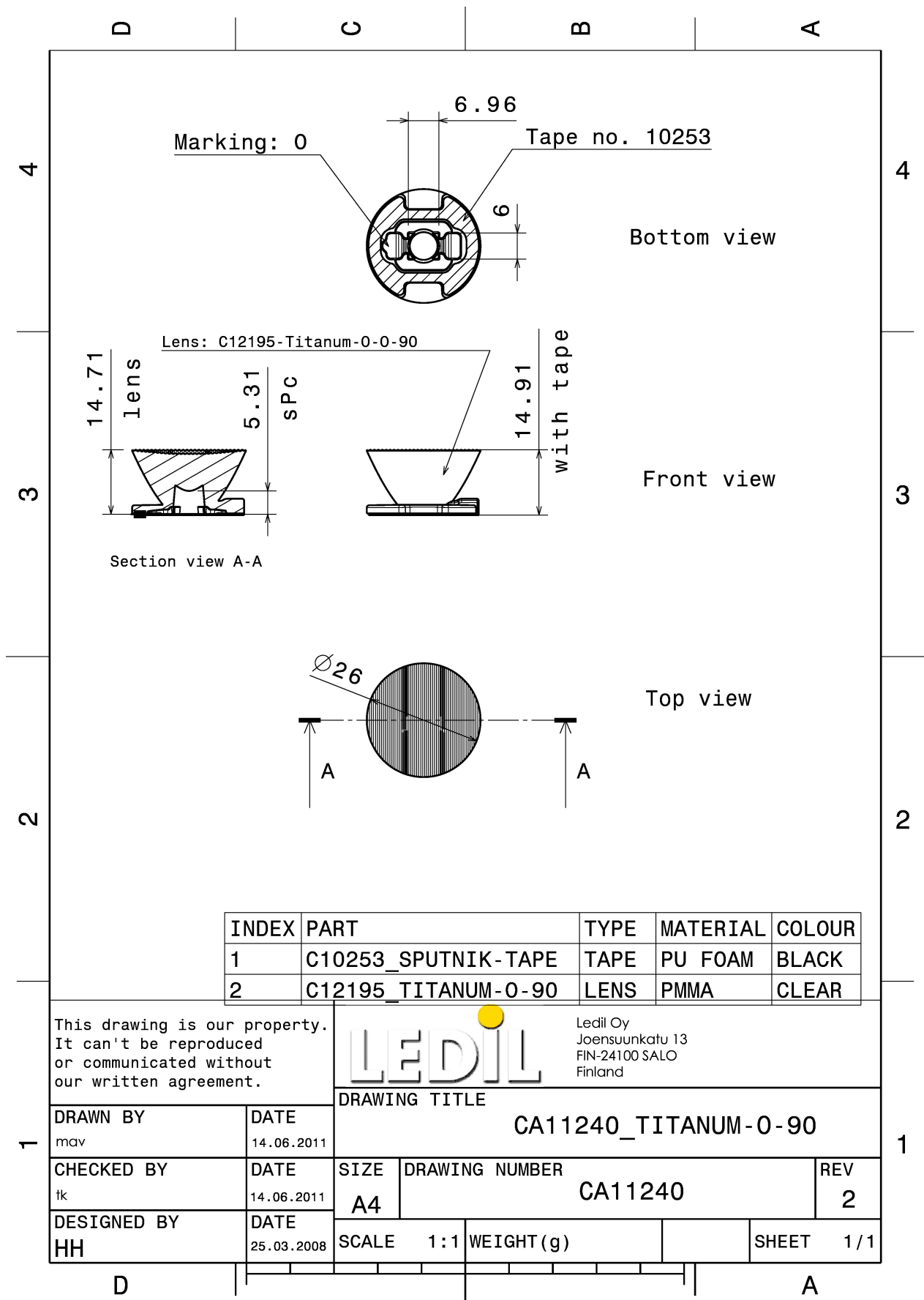
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26 mm
Height	14.9 mm
Fastening	tape
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	0 kg
Quantity in Box	1001 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TITANUM-O-90	Lens	PMMA	clear
SPUTNIK-TAPE	Tape	PU tape	black



INDEX	PART	TYPE	MATERIAL	COLOUR
1	C10253_SPUTNIK-TAPE	TAPE	PU FOAM	BLACK
2	C12195_TITANUM-0-90	LENS	PMMA	CLEAR

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DRAWING TITLE

CA11240\_TITANUM-0-90

<b>DRAWN BY</b> mav	<b>DATE</b> 14.06.2011	<b>SIZE</b> A4			<b>DRAWING NUMBER</b> CA11240	<b>REV</b> 2
<b>CHECKED BY</b> tk	<b>DATE</b> 14.06.2011	<b>SCALE</b> 1:1	<b>WEIGHT (g)</b>	<b>SHEET</b> 1/1		
<b>DESIGNED BY</b> HH	<b>DATE</b> 25.03.2008					

## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED	Golden Dragon+
FWHM	8.0 + 36.0°
Efficiency	%
Peak intensity	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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