

LXB2-O-90

~10° x 40° oval beam optimized for CREE XB-D.
14.6 mm high assembly with installation tape.
Variant with beam direction rotated 90°.



TECHNICAL SPECIFICATIONS:

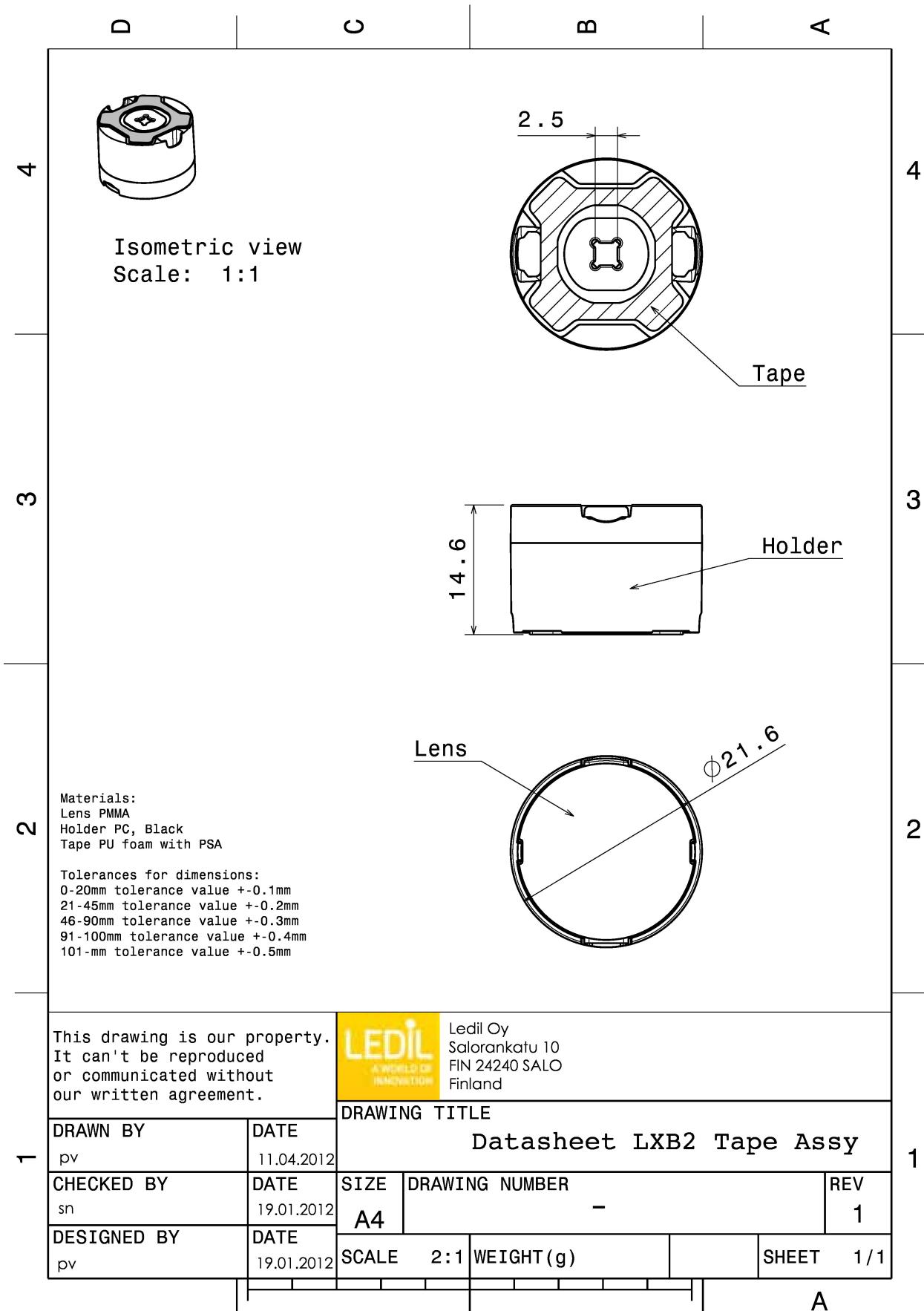
Dimensions	Ø 21.6 mm
Height	14.6 mm
Fastening	tape
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LXP2-O-90	Single lens	PMMA		
LXB2-LH1-TAPE	Holder	PC		
HEIDI-TAPE	Tape	PU tape		

ORDERING INFORMATION:

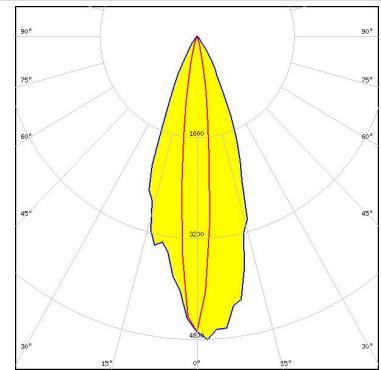
Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA12844_LXB2-O-90 » Box size: 480 x 280 x 300 mm	Single lens	1680	336	112



PHOTOMETRIC DATA (MEASURED):

CREE 

LED XB-D
FWHM 10.0 + 36.0°
Efficiency 80 %
Peak intensity 4.680 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

LED XB-H
FWHM 11.0 + 41.0°
Efficiency 84 %
Peak intensity 4.600 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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