

EVA-O

~40° x 15° oval beam optimized for CREE XM-L.
Assembly with holder and installation tape

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 37.7 mm
Height	17.2 mm
Fastening	tape
ROHS compliant	yes ⓘ

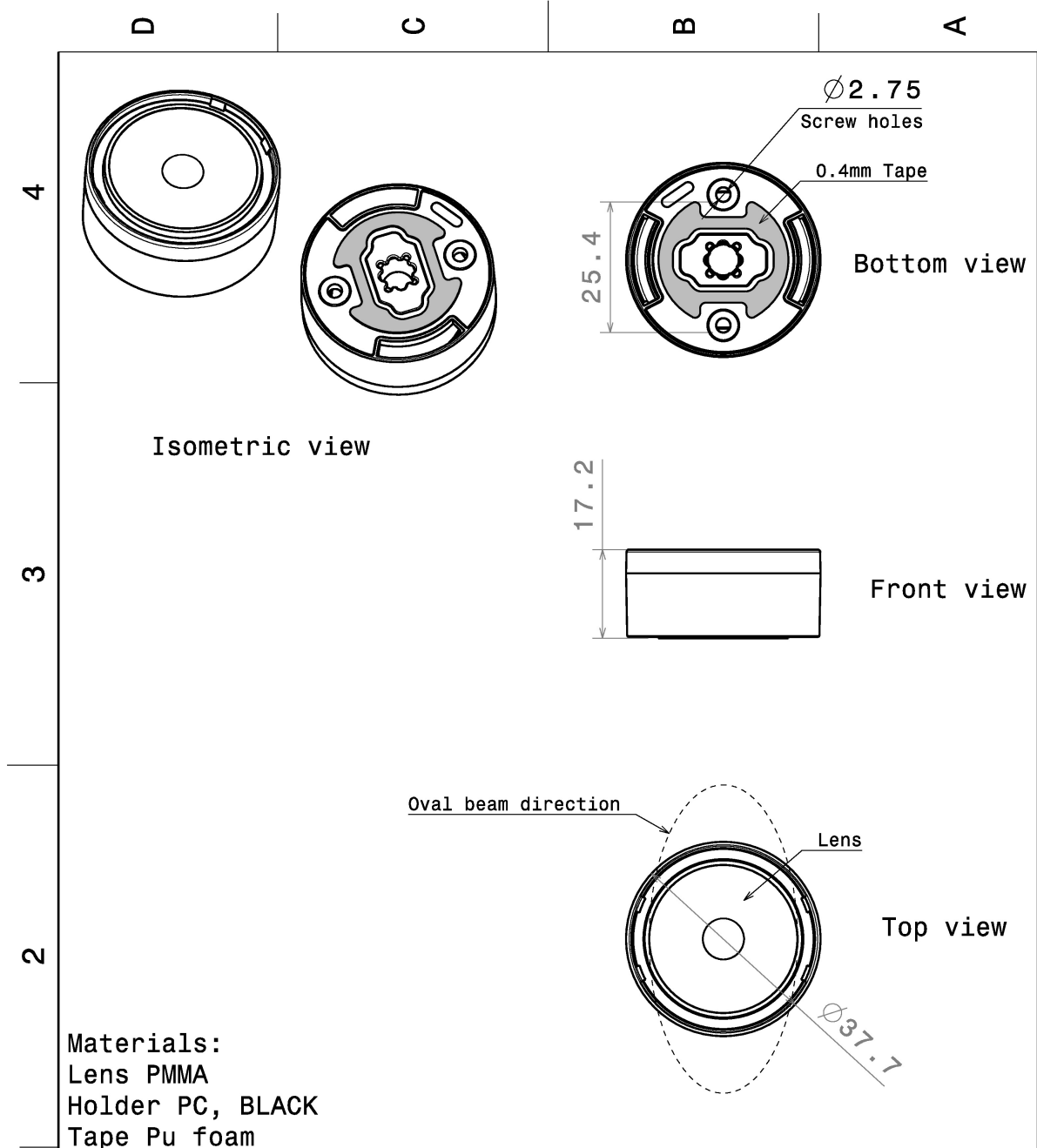
MATERIAL SPECIFICATIONS:


Component	Type	Material	Colour	Finish
EVA-O	Single lens	PMMA	clear	
EVA-HLD-XM	Holder	PC		
SPUTNIK-TAPE	Tape	PU tape		



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12859_EVA-O	Single lens	675	0	45	10.0
» Box size: 480 x 280 x 300 mm					

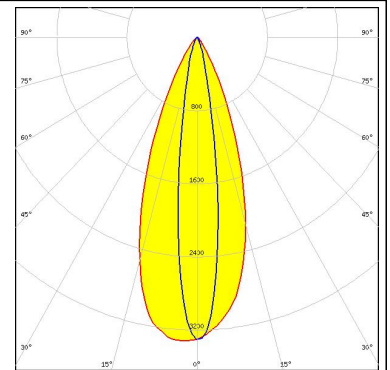


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DRAWING TITLE			
Datasheet EVA-XM-WITH-TAPE Assembly			
DRAWN BY mav	DATE 12.04.2012	DRAWING NUMBER -	
CHECKED BY sn	DATE 12.04.2012	SIZE A4	REV 1.0
DESIGNED BY pl	DATE 17.02.2011	SCALE 2:1	WEIGHT(g) -
		SHEET	1/1

PHOTOMETRIC DATA (MEASURED):

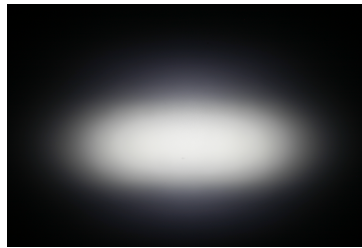
CREE 

LED XM-L
FWHM 15.5 + 39.0°
Efficiency 86 %
Peak intensity 3.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

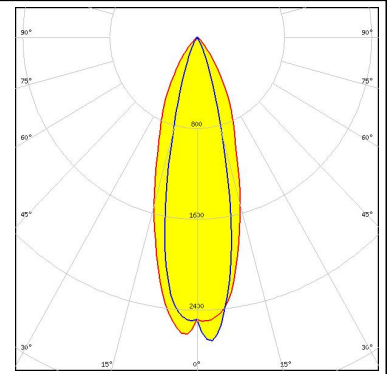
LED XM-L2
FWHM 40.0 + 16.0°
Efficiency 87 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

CREE 

LED XHP35 HD
FWHM 34.0 + 25.0°
Efficiency 88 %
Peak intensity 2.675 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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