

IRIS-O

~40° x 30° oval beam with sublens and holder optimized for CREE XP-E

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	28.4 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

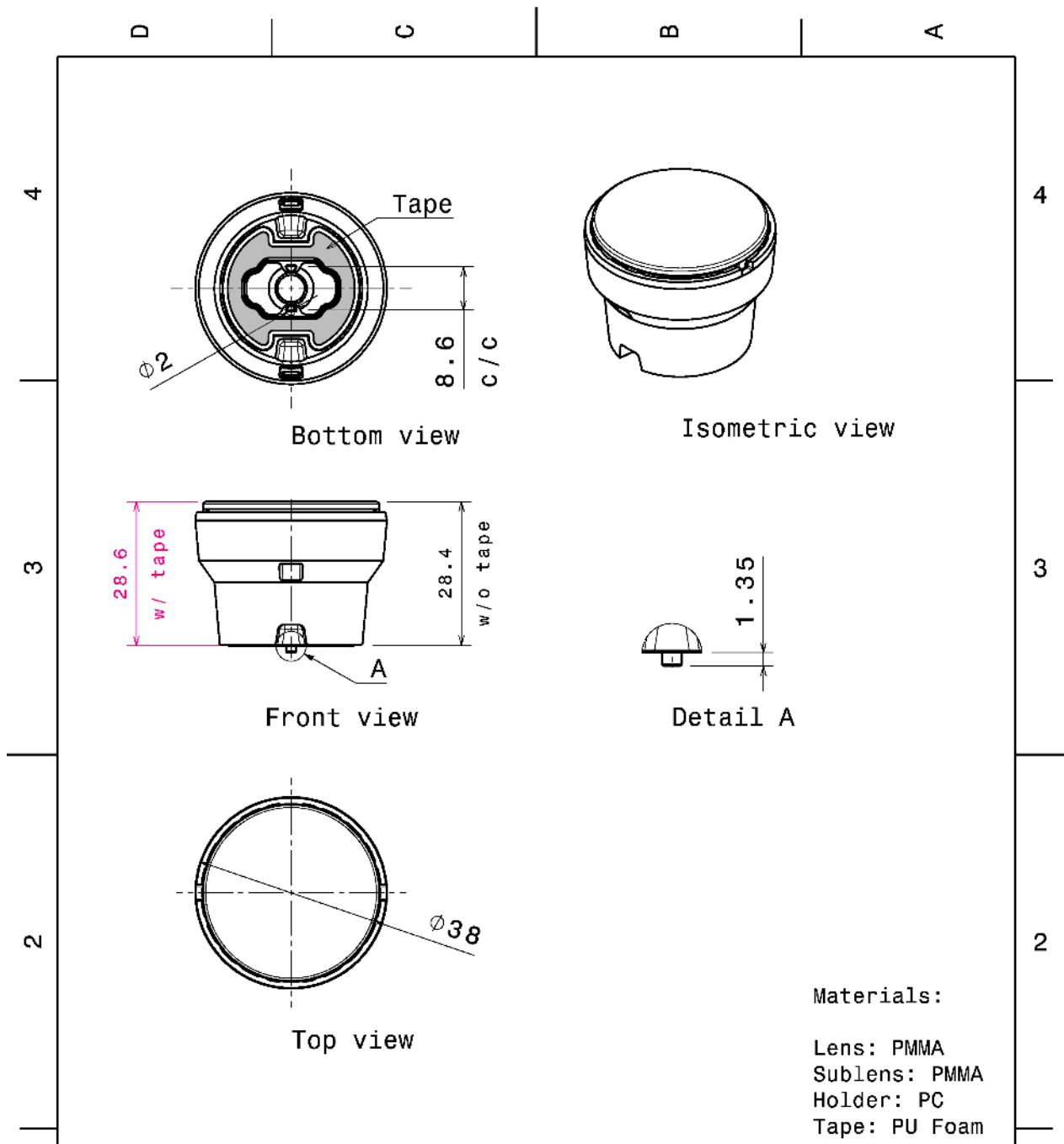
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IRIS	Single lens	PMMA		
IRIS-XP-HLD	Holder	PC		
IRIS-SUB-O	Sublens	PC		



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCN12791_IRIS-O	Single lens	360	90	90	0.0
» Box size:					



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DRAWING TITLE		Mechanical drawing	
DRAWN BY	DATE	IRIS-XP	
as	17.8.2012		
CHECKED BY	DATE	SIZE	PART NUMBER
sn	-	A4	
DESIGNED BY	DATE	SCALE	1:1
-	-	WEIGHT	-
		SHEET	1/1

PHOTOMETRIC DATA (MEASURED):

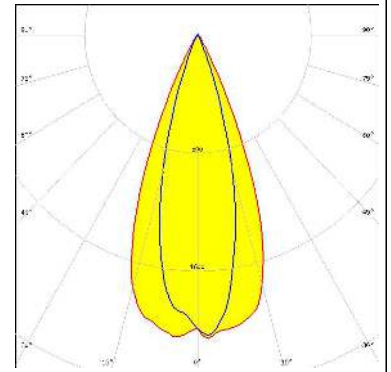
CREE 

LED XP-E
FWHM 41.0 + 25.0°
Efficiency 86 %
Peak intensity 1.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

LED XP-G
FWHM 37.0 + 25.0°
Efficiency 84 %
Peak intensity 1.400 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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