

**Ordering number FCN12076\_IRIS-SCREW**

Family	Iris	FWHM	6 degrees
Type	Pack	Efficiency	95 %
LED	XP-G	cd/Im	-
Color	Black	Gerber File	Available
Diameter	38 mm		
Height	26.9 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, pin, glue		
Status	Ready		

**Ordering number FCA12077\_IRIS**

Family	Iris	FWHM	6 degrees
Type	Assembly	Efficiency	95 %
LED	XP-G	cd/Im	-
Color	Black	Gerber File	Available
Diameter	38 mm		
Height	27.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, pin, tape		
Status	Ready		

**NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.**



## PRODUCT DATASHEET

### Iris series

last update 4/7/2012

#### GENERAL INFORMATION

- Product series especially designed & optimized for XP-G series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

[http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94\\_Yellow%20Card.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf)

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

- Optic holder molded by high quality PC material (120 degrees of Celcius / 248 degrees of Fahrenheit).

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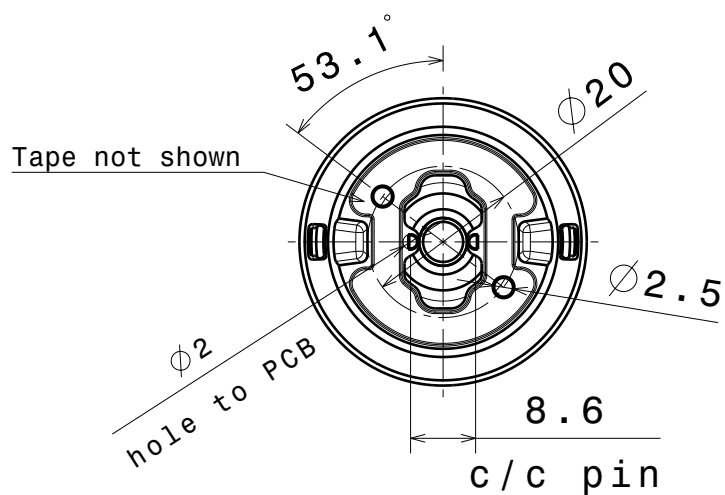
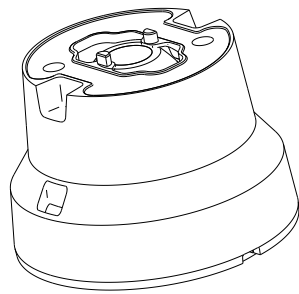
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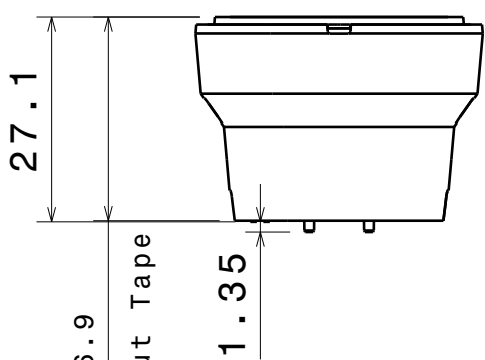
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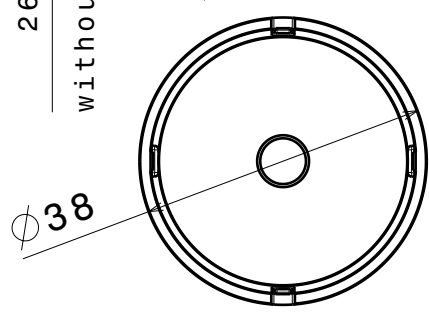
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Bottom view




Front view



Top view

Materials:  
Lens PMMA  
Holder PC  
Tape PU Foam

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		DRAWING TITLE			
DRAWN BY p	DATE 13.04.2010	Datasheet Iris-XP-E-tape assy			
CHECKED BY t k	DATE 19.03.2010	SIZE A4	DRAWING NUMBER -		REV 1
DESIGNED BY ol	DATE 19.03.2010	SCALE 1 : 1	WEIGHT (g)		SHEET 1 / 1

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