

## IRIS-M

~25° medium beam optimized for CREE XM-L.  
Assembly with holder, sublens and installation  
tape.

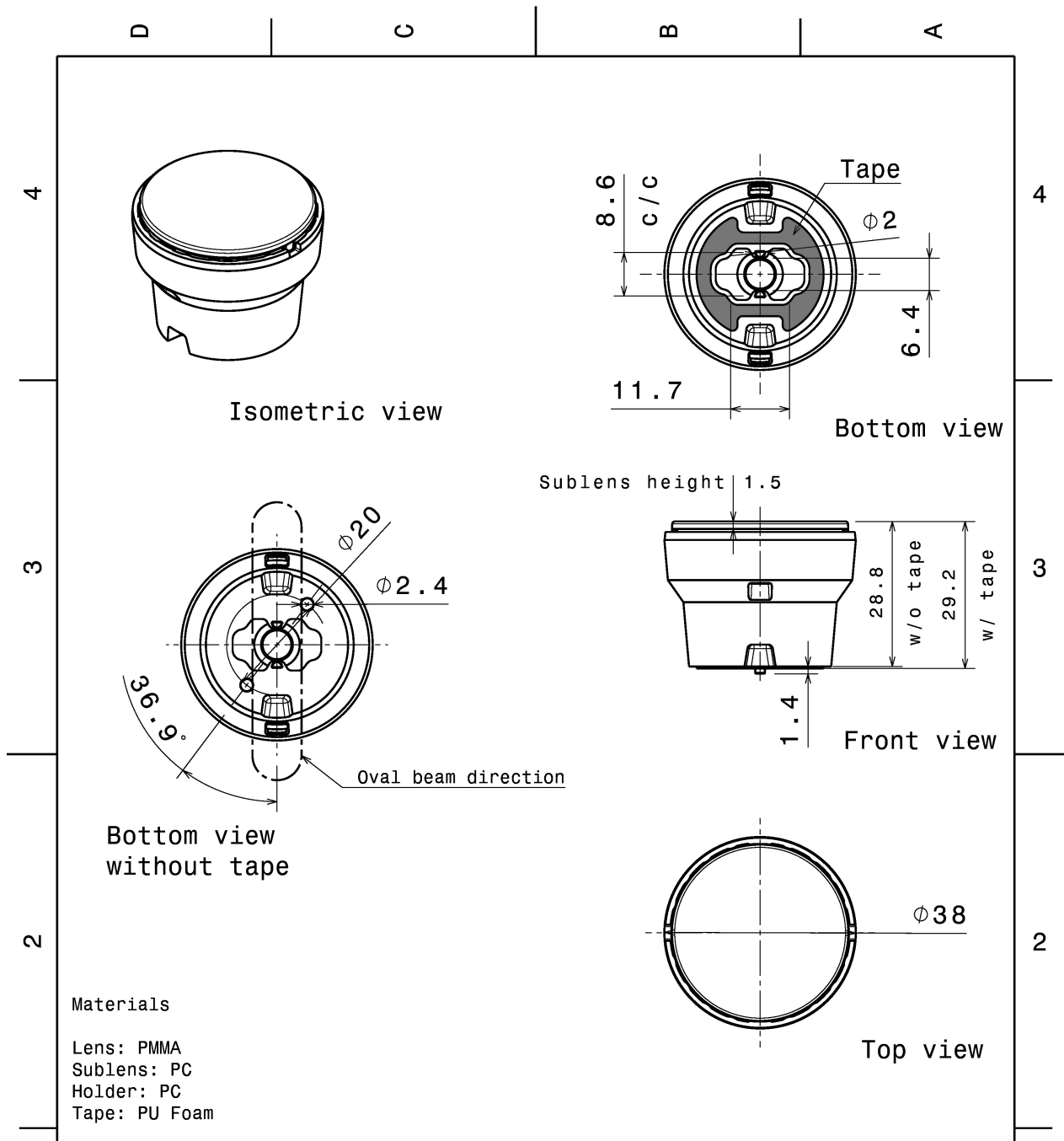
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	29.2 mm
Fastening	tape, pin
Colour	black
Box size	480 x 280 x 300 mm
Box weight	9 kg
Quantity in Box	378 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
IRIS	Single lens	PMMA	clear
IRIS-XM-HLD	Holder	PC	black
SPUTNIK-TAPE	Tape	PU tape	black
LEDILSTAR-SUB	Sublens	PC	

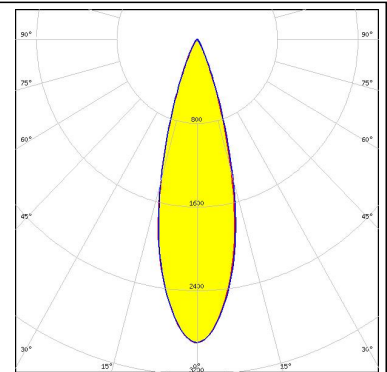
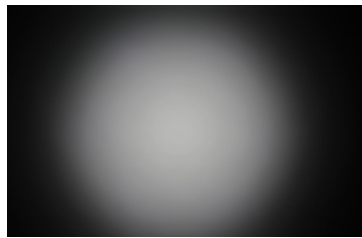


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DRAWING TITLE		Mechanical drawing	
DRAWN BY	DATE	IRIS-XM	
as	17.9.2012		
CHECKED BY	DATE	SIZE	PART NUMBER
sn	-	A4	
DESIGNED BY	DATE	SCALE	WEIGHT
-	-	1:1	-
		SHEET	1/1

#### PHOTOMETRIC DATA (MEASURED):

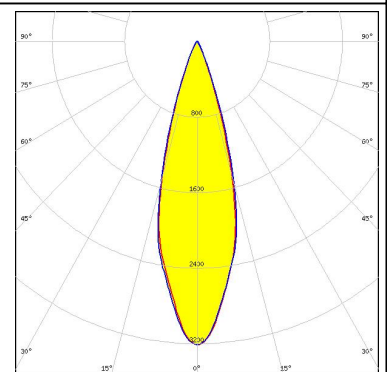
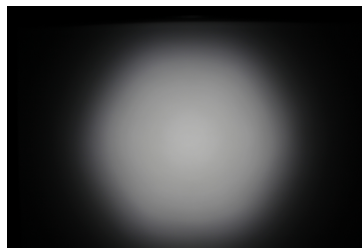
**CREE** 

LED XHP35 HD  
 FWHM 29.0°  
 Efficiency 83 %  
 Peak intensity 2.900 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



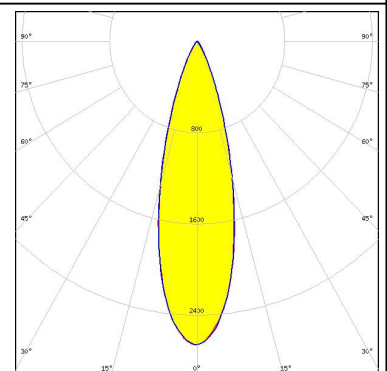
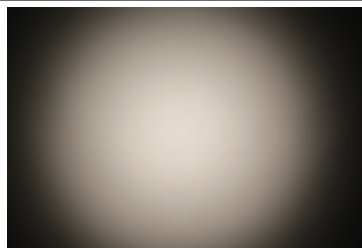
**CREE** 

LED XHP35 HI  
 FWHM 29.0°  
 Efficiency 85 %  
 Peak intensity 3.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



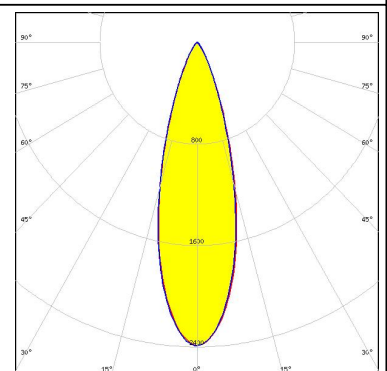
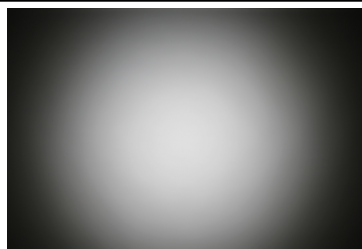
**CREE** 

LED XHP50  
 FWHM 29.0°  
 Efficiency 83 %  
 Peak intensity 2.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**CREE** 

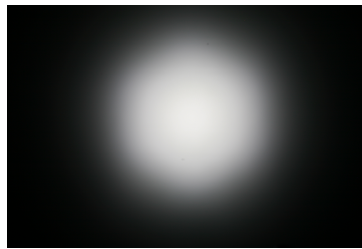
LED XHP50.2  
 FWHM 30.0°  
 Efficiency 80 %  
 Peak intensity 2.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

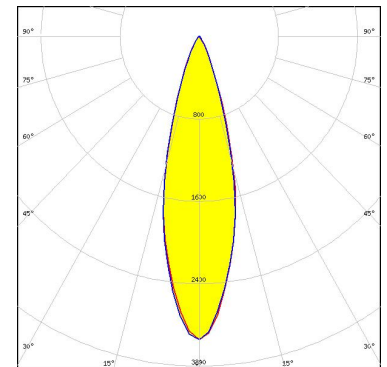
**CREE** 

LED XM-L  
FWHM 28.0°  
Efficiency 84 %  
Peak intensity 1.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



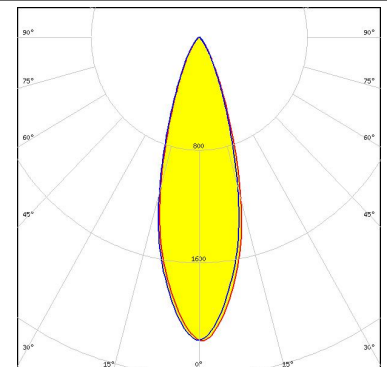
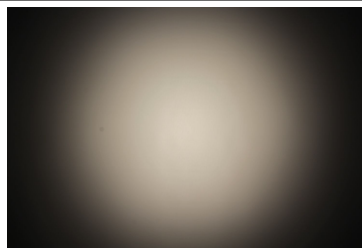
**CREE** 

LED XM-L2  
FWHM 29.0°  
Efficiency 80 %  
Peak intensity 2.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**NICHIA** 

LED NFMW48xA  
FWHM 31.0°  
Efficiency 80 %  
Peak intensity 2.200 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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