


## ANNA-40-4-M

~20° medium beam with 4 optics

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 40.0 mm
Height	10.7 mm
Fastening	glue, pin
ROHS compliant	yes 

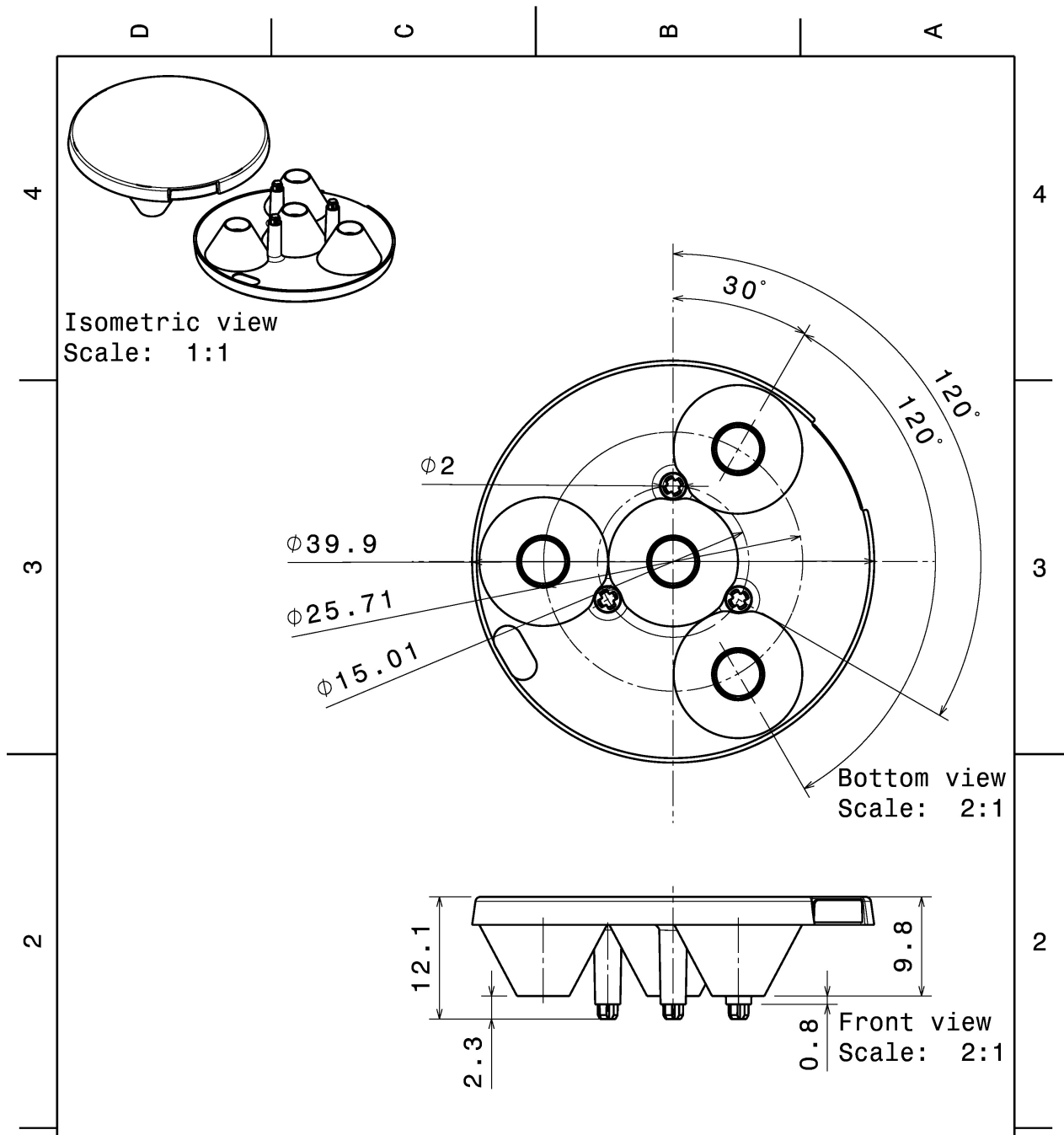
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ANNA-40-4-M	Multi-lens	PMMA	clear	



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11794_ANNA-40-4-M » Box size: 480 x 280 x 300 mm	760		40	5.7



Tolerances if not otherwise shown  
According to DIN ISO 2768-1  
Linear measures:  
Up to 30mm class M, otherwise class C.  
According to DIN ISO 2768-2  
Form and position: class L

**LEDiL** Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:

**DRAWING TITLE**  
C11794\_ANNA-40-4-M

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SIZE	PART NUMBER
A4	C11794

SCALE	2:1	WEIGHT	-	SHEET	1/1
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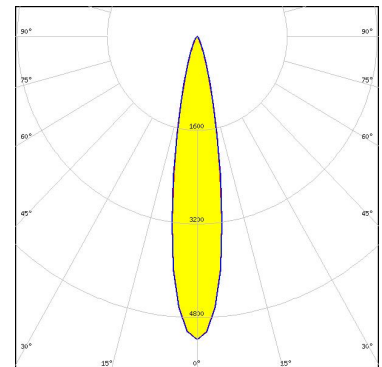
**PHOTOMETRIC DATA (MEASURED):**

**CREE** ⇄

LED XB-D  
FWHM 22.0°  
Efficiency 87 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

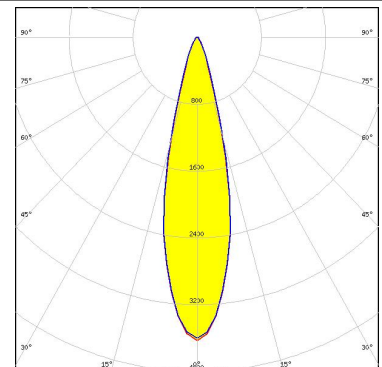
**CREE** ⇄

LED XP-E  
FWHM 19.0°  
Efficiency 91 %  
Peak intensity 5.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



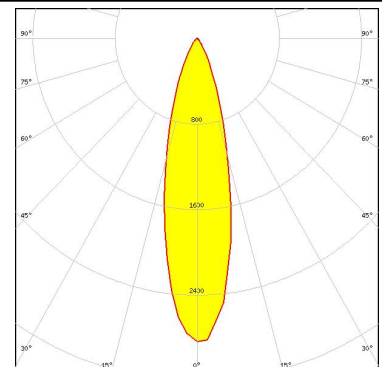
**CREE** ⇄

LED XP-G  
FWHM 25.0°  
Efficiency 91 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**LUMILEDS**

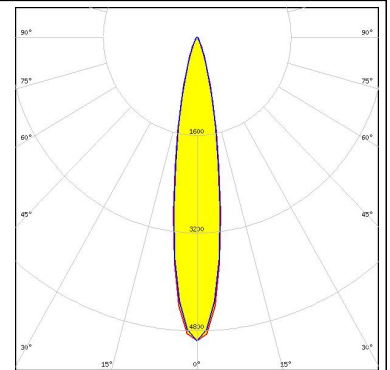
LED LUXEON A  
FWHM 26.0°  
Efficiency 84 %  
Peak intensity 2.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

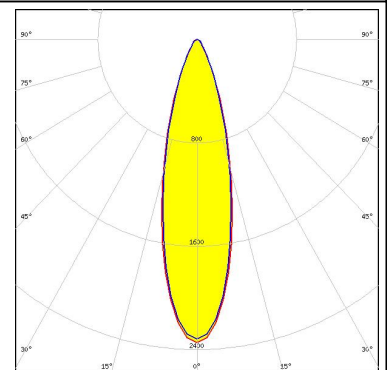
##### LUMILEDS

LED LUXEON Rebel  
 FWHM 18.0°  
 Efficiency 87 %  
 Peak intensity 5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



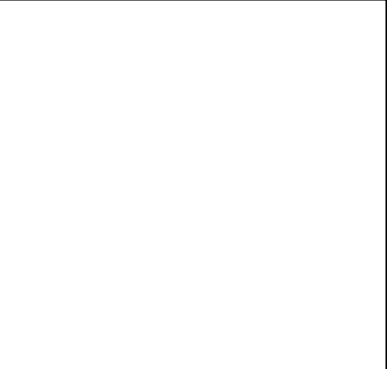
##### LUMILEDS

LED LUXEON Rebel ES  
 FWHM 27.0°  
 Efficiency 87 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



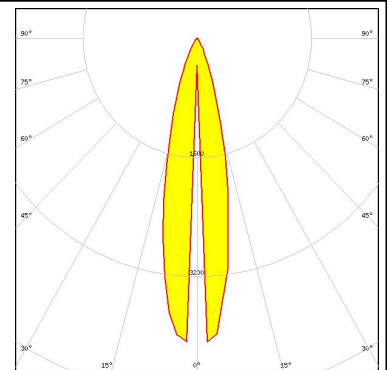
##### NICHIA

LED NCSxx19A  
 FWHM 23.0°  
 Efficiency 89 %  
 Peak intensity 3.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

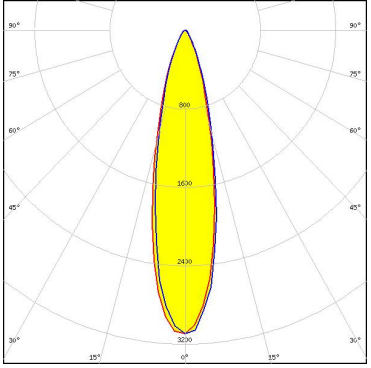
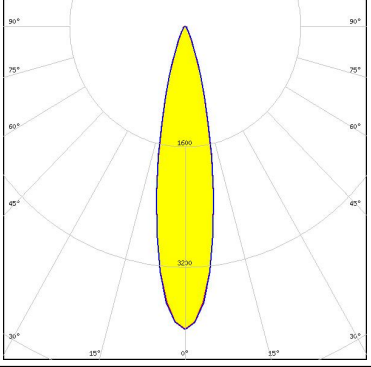
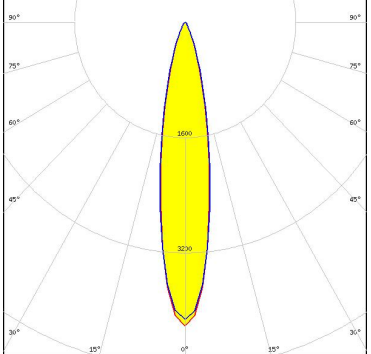
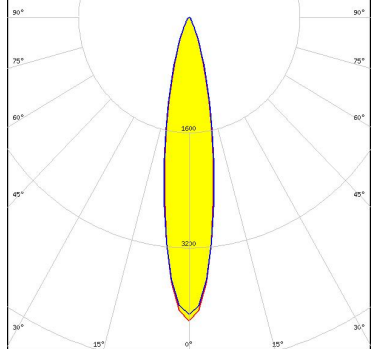


##### NICHIA


LED NF2x757A  
 FWHM 20.0°  
 Efficiency 90 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**PHOTOMETRIC DATA (MEASURED):**

<p><b>NICHIA</b></p> <p>LED NVSxx19A            FWHM 25.0°            Efficiency 89 %            Peak intensity 2.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris S5 (2 chip)            FWHM 25.0°            Efficiency 85 %            Peak intensity 3.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSOLON SSL 150            FWHM 22.0°            Efficiency 89 %            Peak intensity 4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSOLON SSL 80            FWHM 20.0°            Efficiency 88 %            Peak intensity 4.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

## PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	23.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	
<b>SHARP</b>	
LED	Double Dome (GM2BB)
FWHM	24.0°
Efficiency	%
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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