

## ANNA-40-7-M2

~25° medium beam with 7 optics

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 40 mm
Height	10.7 mm
Fastening	pin, glue
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.8 kg
Quantity in Box	760 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ANNA-40-7-M2	Lens array	PMMA	clear



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L T F F e e i n n d

DRAWN BY p		DATE 12.10.2010	DRAWING TITLE Datasheet Anna40-series Lens			
CHECKED BY s n	DATE 12.10.2010	SIZE A4	DRAWING NUMBER -		REV 1	
DESIGNED BY hh	DATE 30.07.2010	SCALE 1:1	WEIGHT (g)		SHEET 1/1	

## PHOTOMETRIC DATA (MEASURED):

### **CREE**

LED XP-E  
FWHM 28.0°  
Efficiency 88 %  
Peak intensity 2.900 cd/lm  
Required components:

### **CREE**

LED XP-G  
FWHM 29.0°  
Efficiency 89 %  
Peak intensity 2.600 cd/lm  
Required components:

### **LUMILEDS**

LED LUXEON Rebel  
FWHM 23.0°  
Efficiency 88 %  
Peak intensity 4.000 cd/lm  
Required components:

### **LUMILEDS**

LED LUXEON Rebel ES  
FWHM 26.0°  
Efficiency 87 %  
Peak intensity 3.000 cd/lm  
Required components:

## PHOTOMETRIC DATA (MEASURED):



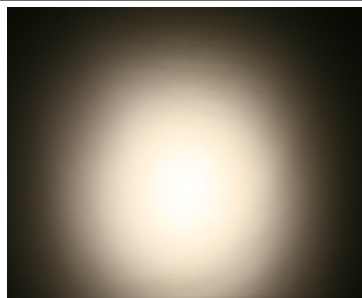
LED NCSxx19A  
FWHM 22.0°  
Efficiency 85 %  
Peak intensity 3.600 cd/lm  
Required components:



LED NVSxx19A  
FWHM 24.0°  
Efficiency 85 %  
Peak intensity 2.900 cd/lm  
Required components:



LED Oslon Square EC  
FWHM 25.0°  
Efficiency 85 %  
Peak intensity 2.900 cd/lm  
Required components:

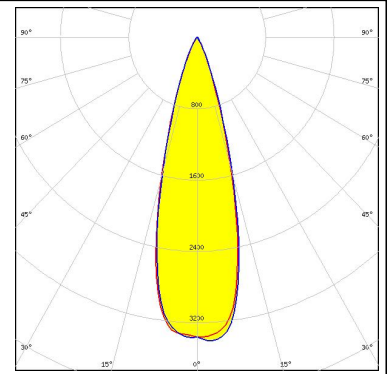


LED Oslon SSL 150  
FWHM 25.0°  
Efficiency 90 %  
Peak intensity 3.400 cd/lm  
Required components:

## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED            Oslon SSL 80  
FWHM        23.0°  
Efficiency    88 %  
Peak intensity 3.700 cd/lm  
Required components:



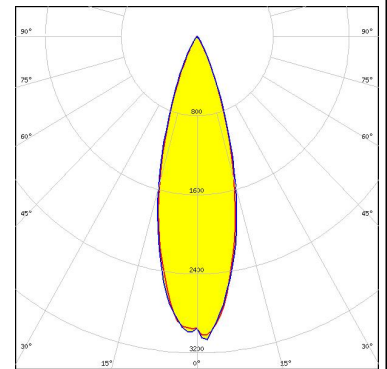
**PHOTOMETRIC DATA (SIMULATED):**

**LUMILEDS**

LED LUXEON T  
FWHM 30.0°  
Efficiency 92 %  
Peak intensity 3.170 cd/lm  
Required components:

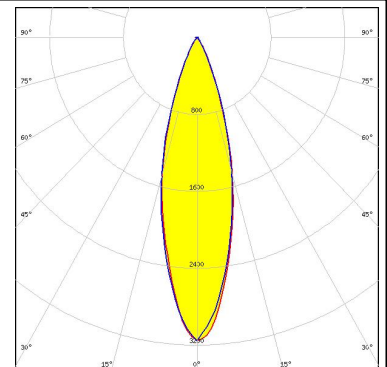
**LUMILEDS**

LED LUXEON TX  
FWHM 30.0°  
Efficiency 92 %  
Peak intensity 3.000 cd/lm  
Required components:



**NICHIA**

LED NVSxx19B/NVSxx19C  
FWHM 28.0°  
Efficiency 92 %  
Peak intensity 3.120 cd/lm  
Required components:



SEOUL SEMICONDUCTOR

LED Z5  
FWHM 36.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:

## PHOTOMETRIC DATA (SIMULATED):

### **SHARP**

LED Double Dome (GM2BB)

FWHM 36.0°

Efficiency %

Peak intensity cd/m

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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