

## ANNA-40-6-S

~15° spot beam with 6 optics

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 40.0 mm
Height	10.7 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.7 kg
Quantity in Box	760 pcs
ROHS compliant	yes ⓘ



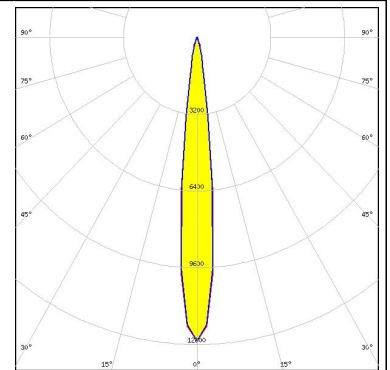
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ANNA-40-6-S	Multi-lens	PMMA	clear

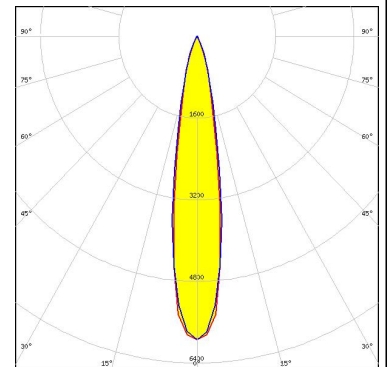
#### PHOTOMETRIC DATA (MEASURED):



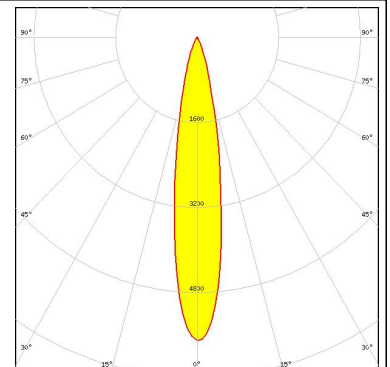
LED XP-E  
 FWHM 12.0°  
 Efficiency 93 %  
 Peak intensity 12.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



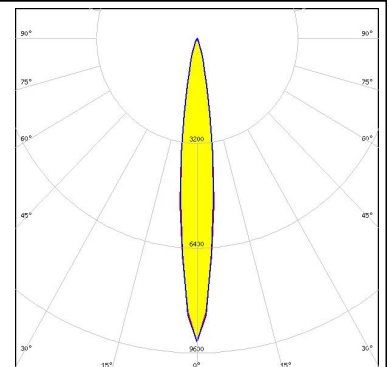
LED XP-G  
 FWHM 18.0°  
 Efficiency 93 %  
 Peak intensity 5.940 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON A  
 FWHM 19.0°  
 Efficiency 87 %  
 Peak intensity 5.710 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



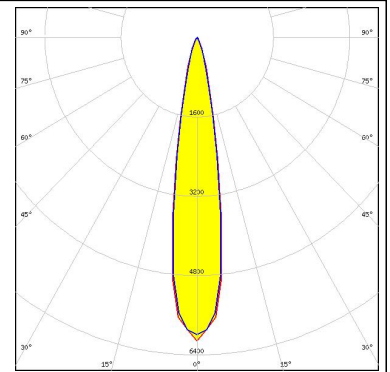
LED LUXEON Rebel  
 FWHM 13.0°  
 Efficiency 92 %  
 Peak intensity 9.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

**LUMILEDS**

LED LUXEON Rebel ES  
 FWHM 18.0°  
 Efficiency 93 %  
 Peak intensity 6.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**NICHIA**

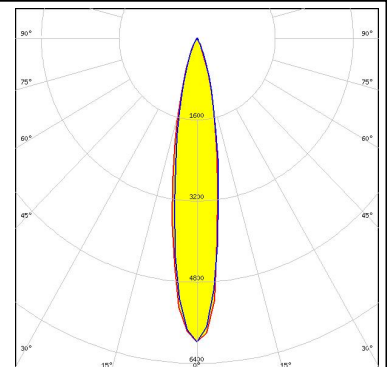
LED NCSxx19A  
 FWHM 16.0°  
 Efficiency 91 %  
 Peak intensity 6.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

**NICHIA**

LED NVSxx19A  
 FWHM 19.0°  
 Efficiency 91 %  
 Peak intensity 4.900 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

**OSRAM**  
Opto Semiconductors

LED Duris S5 (2 chip)  
 FWHM 18.0°  
 Efficiency 90 %  
 Peak intensity 6.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

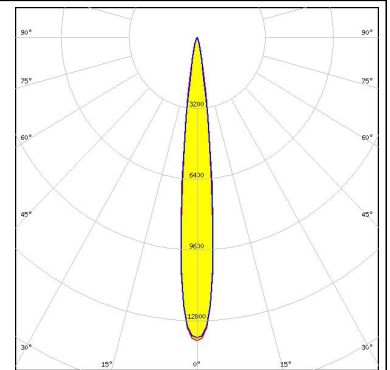


#### PHOTOMETRIC DATA (MEASURED):

##### OSRAM

Opto Semiconductors

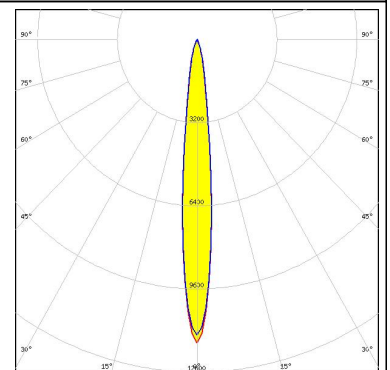
LED OSLON SSL 150  
 FWHM 12.0°  
 Efficiency 90 %  
 Peak intensity 13.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

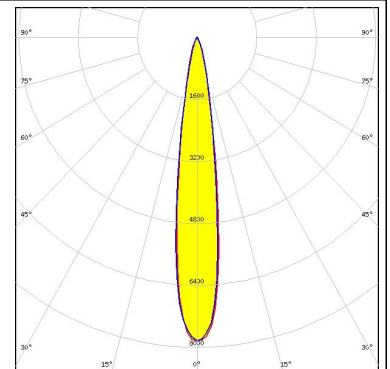
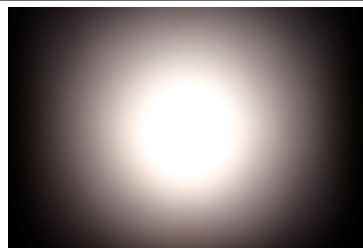
Opto Semiconductors

LED OSLON SSL 80  
 FWHM 11.0°  
 Efficiency 90 %  
 Peak intensity 11.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

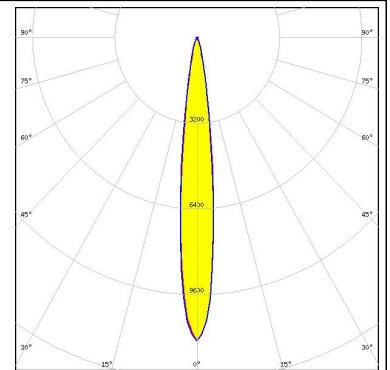
LED Z5M  
 FWHM 15.0°  
 Efficiency 92 %  
 Peak intensity 7.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (SIMULATED):

**CREE** 

LED XD16  
FWHM 13.0°  
Efficiency 94 %  
Peak intensity 11.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**SHARP**

LED Double Dome (GM2BB)  
FWHM 12.0°  
Efficiency %  
Peak intensity 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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