

## SURI-RS

~6° real spot beam. Assembly with holder and installation tape.

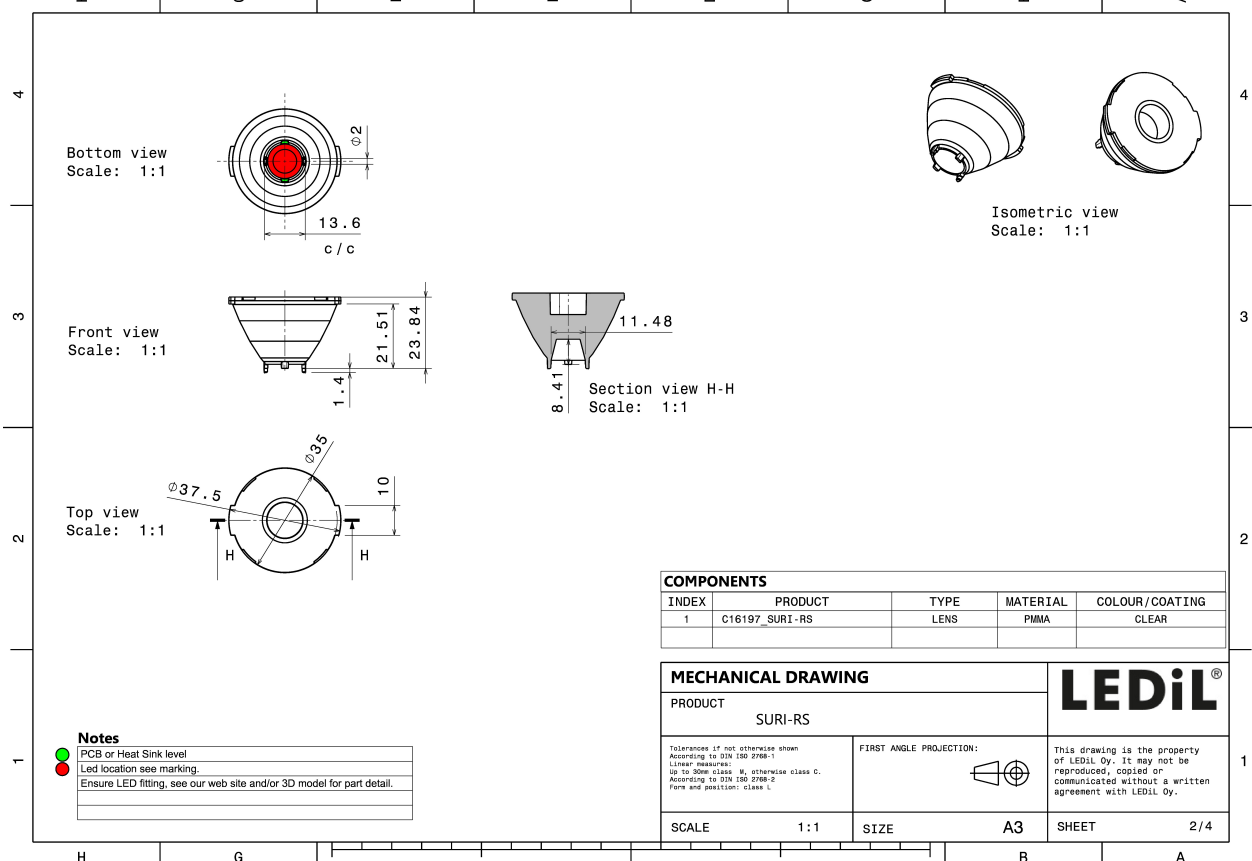
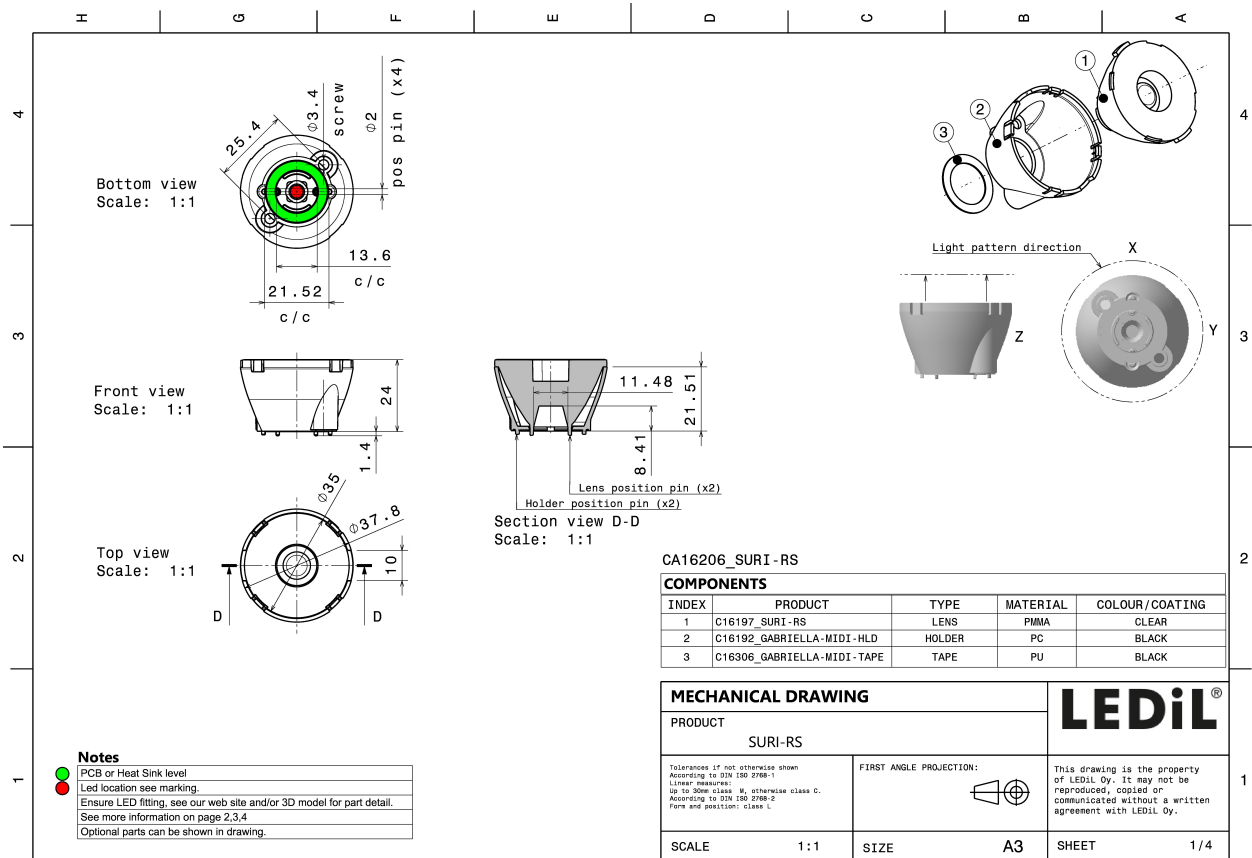
### TECHNICAL SPECIFICATIONS:

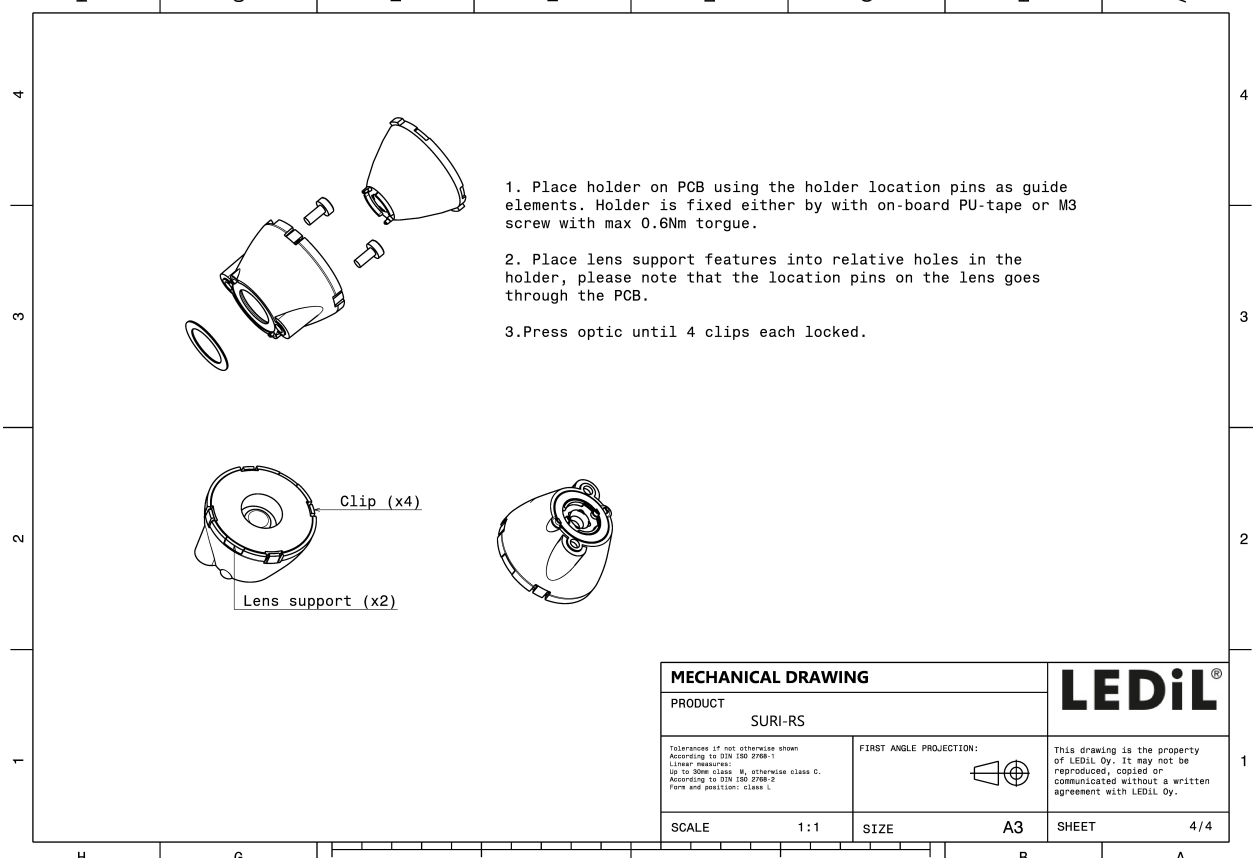
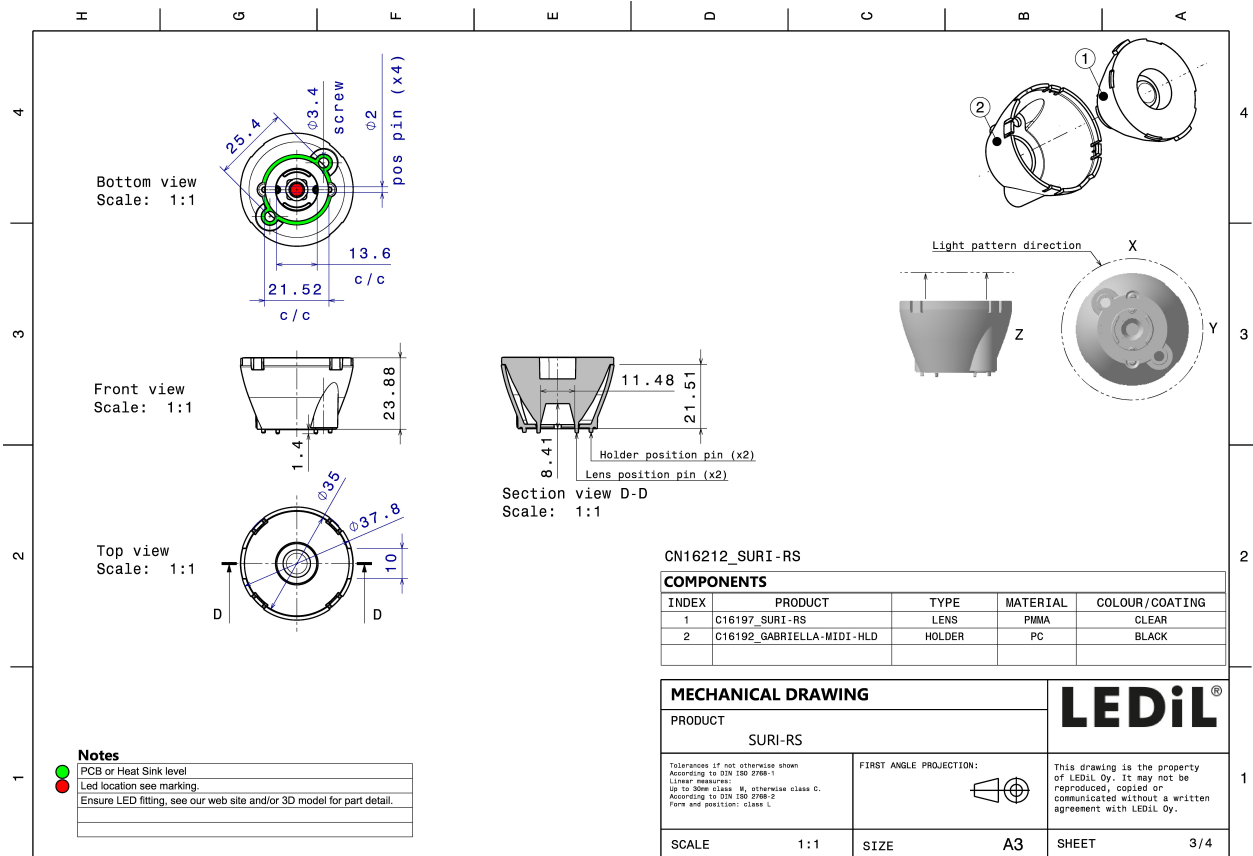
Dimensions	Ø 37.8 mm
Height	24 mm
Fastening	tape, pin
Colour	black
Box size	476 x 273 x 292 mm
Box weight	11.7 kg
Quantity in Box	500 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
SURI-RS	Lens	PMMA	clear
GABRIELLA-MIDI-HLD	Holder	PC	black

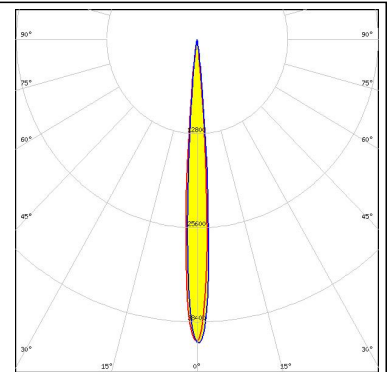
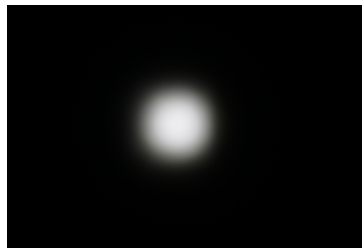




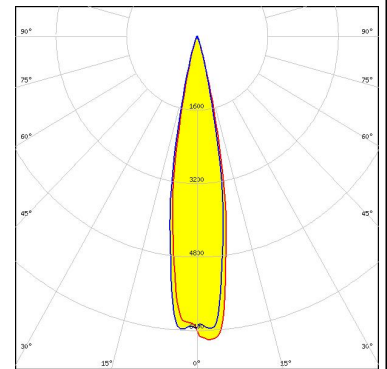
#### PHOTOMETRIC DATA (MEASURED):



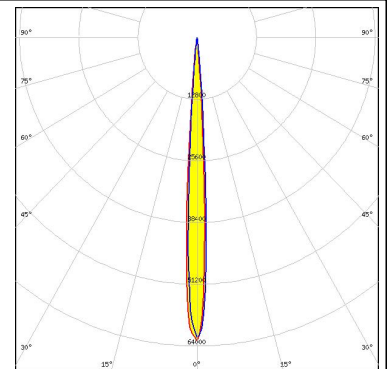
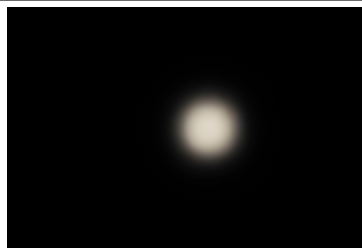
LED XHP35 HI  
 FWHM 8.0°  
 Efficiency 91 %  
 Peak intensity 41.000 cd/lm  
 Required components:



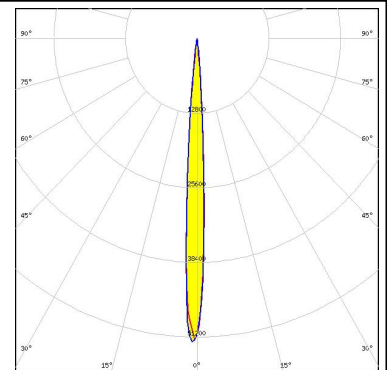
LED XHP70.2  
 FWHM 20.0°  
 Efficiency 87 %  
 Peak intensity 6.600 cd/lm  
 Required components:



LED XP-G2  
 FWHM 7.0°  
 Efficiency 94 %  
 Peak intensity 63.100 cd/lm  
 Required components:



LED XP-L HI  
 FWHM 7.0°  
 Efficiency 91 %  
 Peak intensity 52.400 cd/lm  
 Required components:



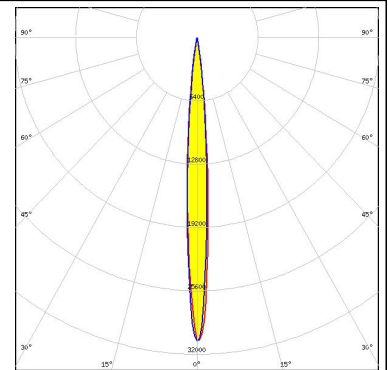
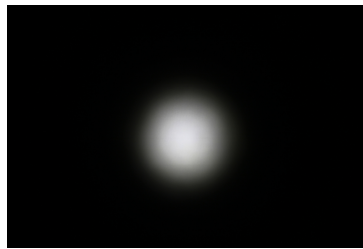


#### PHOTOMETRIC DATA (MEASURED):

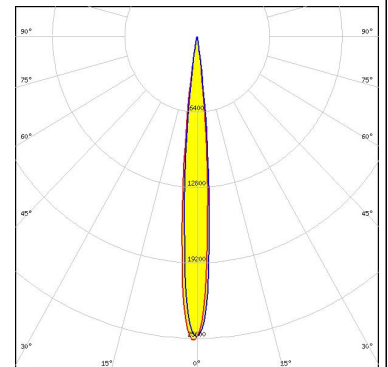
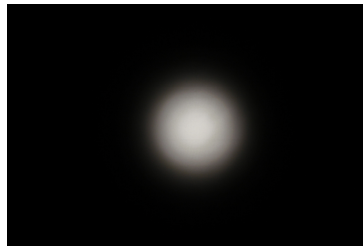


LED XP-L HI  
 FWHM 8.0°  
 Efficiency 90 %  
 Peak intensity 30.600 cd/Im  
 Required components:

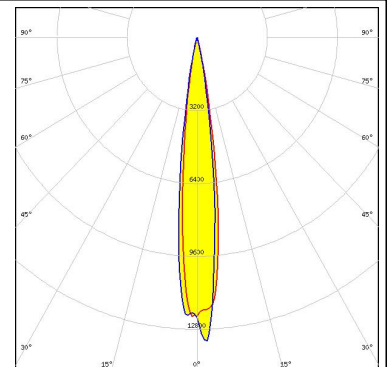
Undefined Manufacturer: Protective Plate, Glass



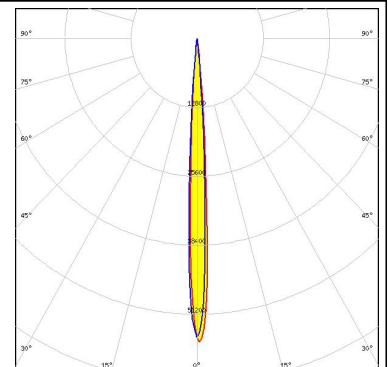
LED LUXEON V  
 FWHM 10.0°  
 Efficiency 88 %  
 Peak intensity 26.000 cd/Im  
 Required components:



LED Duris S8  
 FWHM 14.0°  
 Efficiency 90 %  
 Peak intensity 13.000 cd/Im  
 Required components:



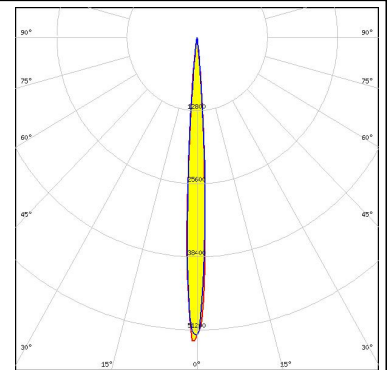
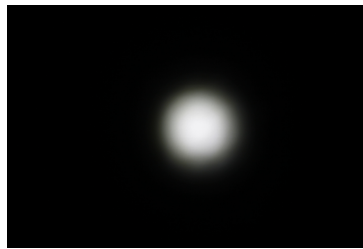
LED Oslon Square EC  
 FWHM 6.0°  
 Efficiency 90 %  
 Peak intensity 56.000 cd/Im  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

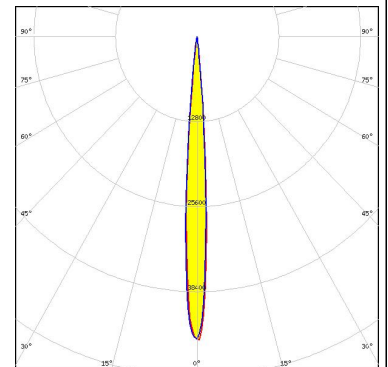
**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3  
FWHM 7.0°  
Efficiency 91 %  
Peak intensity 53.000 cd/lm  
Required components:



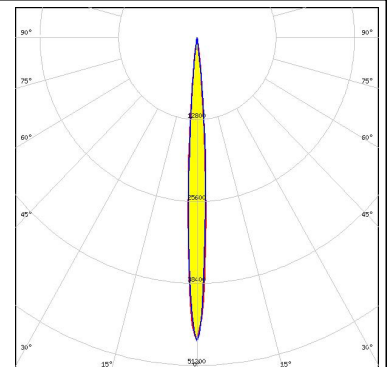
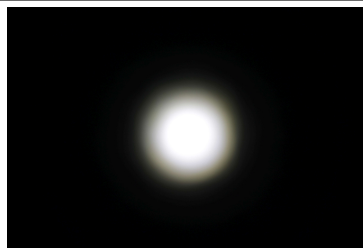
**SAMSUNG**

LED LH351B  
FWHM 8.0°  
Efficiency 93 %  
Peak intensity 45.600 cd/lm  
Required components:



**SAMSUNG**

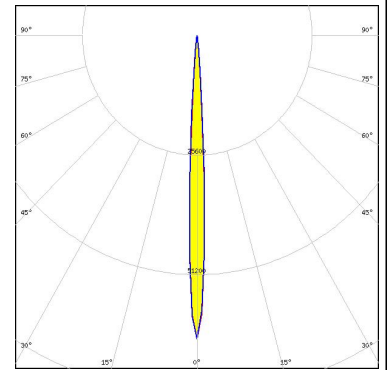
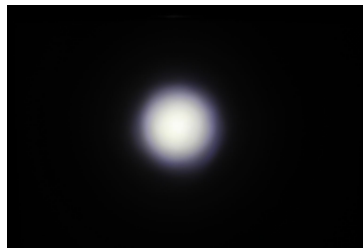
LED LM302A  
FWHM 7.0°  
Efficiency 92 %  
Peak intensity 47.000 cd/lm  
Required components:



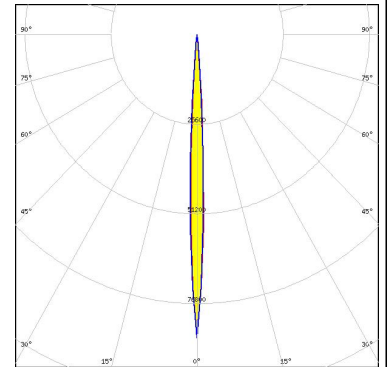
### PHOTOMETRIC DATA (SIMULATED):



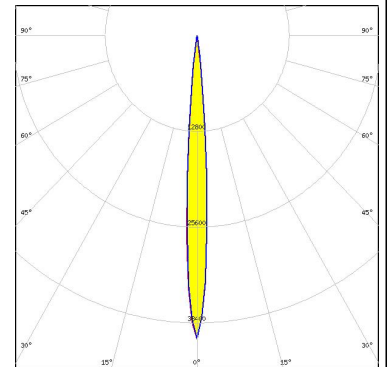
LED XD16  
FWHM 5.9°  
Efficiency 89 %  
Peak intensity 64.970 cd/lm  
Required components:



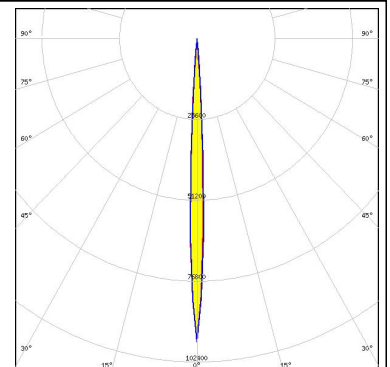
LED XP-E2  
FWHM 5.0°  
Efficiency 91 %  
Peak intensity 85.000 cd/lm  
Required components:



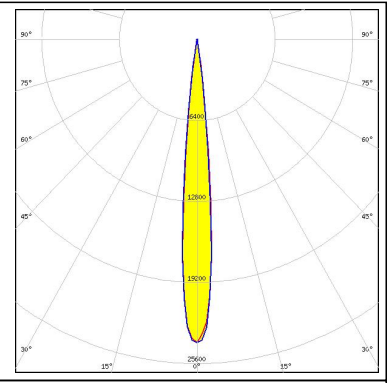
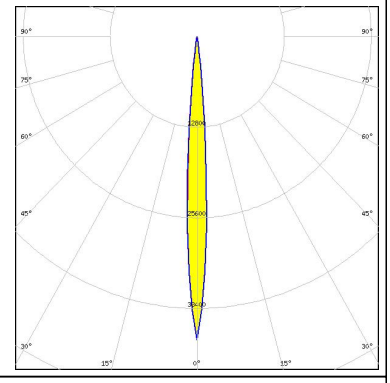
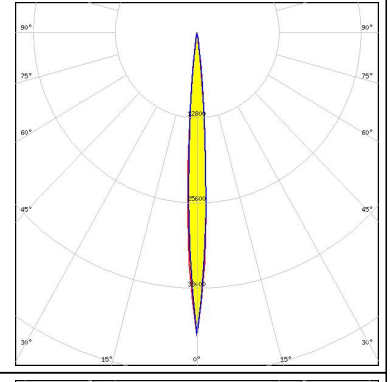
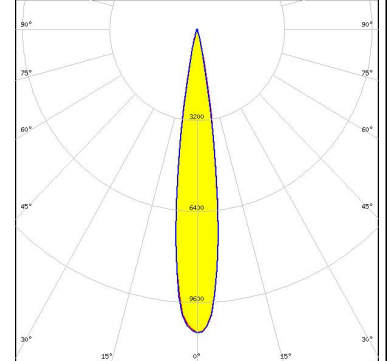
LED XP-G3  
FWHM 7.7°  
Efficiency 90 %  
Peak intensity 40.500 cd/lm  
Required components:



LED XQ-E  
FWHM 5.2°  
Efficiency 92 %  
Peak intensity 96.100 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON MZ</p> <p>FWHM 10.5°</p> <p>Efficiency 94 %</p> <p>Peak intensity 24.300 cd/lm</p> <p>Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C</p> <p>FWHM 7.5°</p> <p>Efficiency 94 %</p> <p>Peak intensity 42.860 cd/lm</p> <p>Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Oslon Square Gen3</p> <p>FWHM 7.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 46.000 cd/lm</p> <p>Required components:</p>	
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED Z8Y50P</p> <p>FWHM 15.5°</p> <p>Efficiency 94 %</p> <p>Peak intensity 10.700 cd/lm</p> <p>Required components:</p>	

### 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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