

## IRIS-SCREW

~5° real spot beam with holder optimized for CREE XP-E. Assembly with screws.

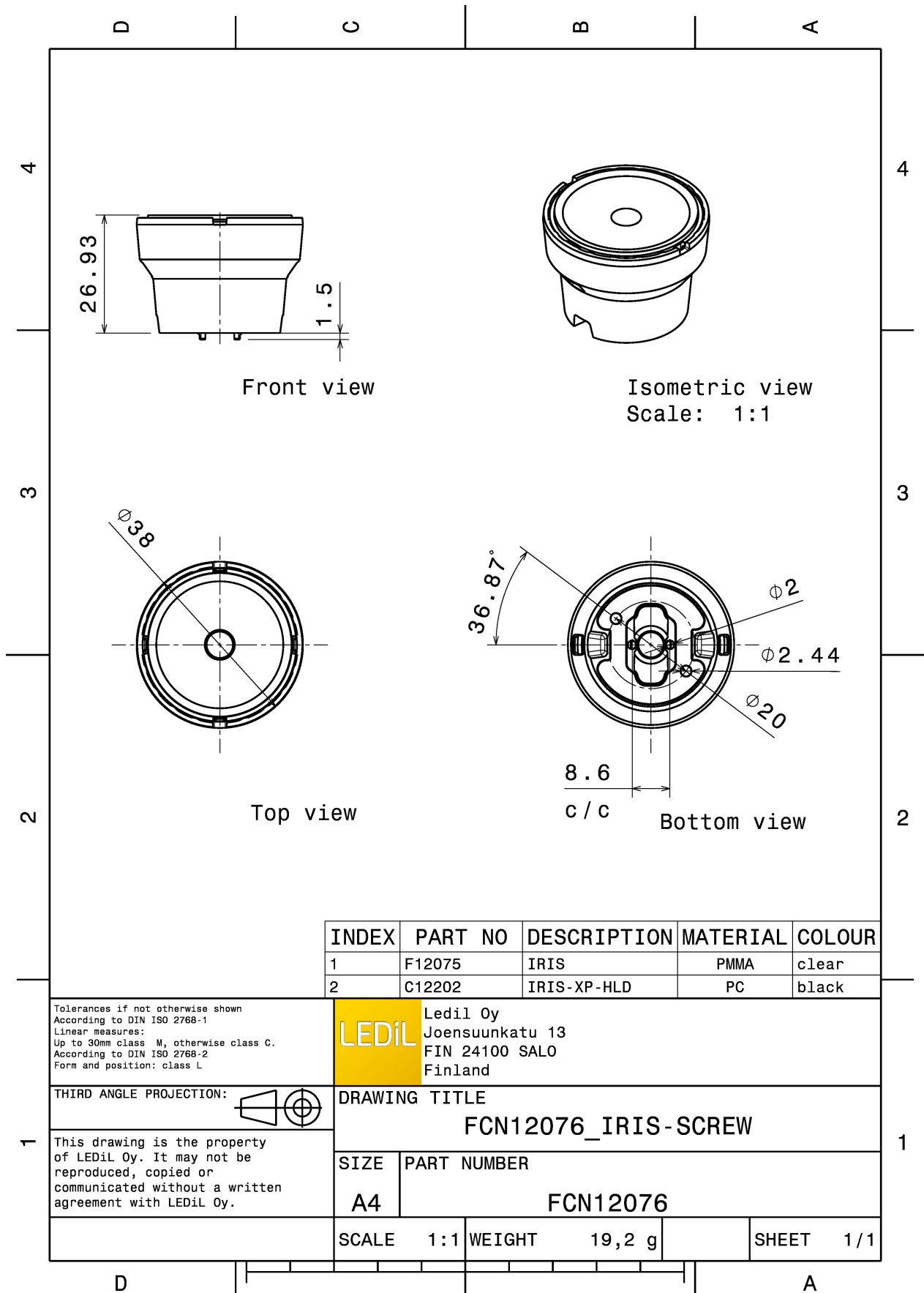
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	26.9 mm
Fastening	glue, pin, screw
Colour	black
Box size	
Box weight	0 kg
Quantity in Box	360 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

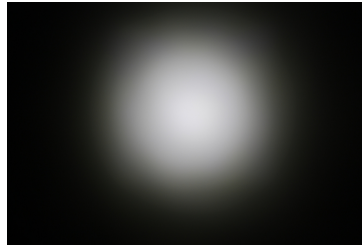
Component	Type	Material	Colour
IRIS	Lens	PMMA	clear
IRIS-XP-HLD	Holder	PC	black



#### PHOTOMETRIC DATA (MEASURED):

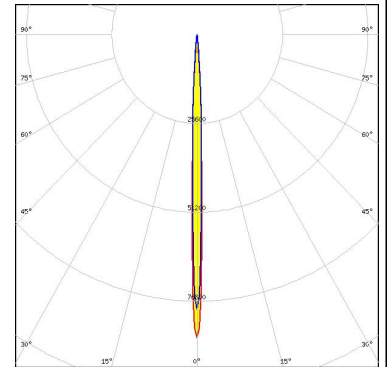
**CREE** 

LED XHP35 HI  
FWHM 7.6°  
Efficiency 90 %  
Peak intensity 35.900 cd/lm  
Required components:



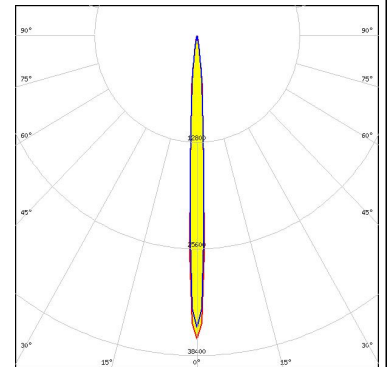
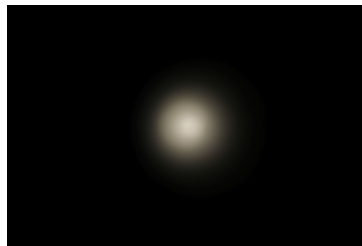
**CREE** 

LED XP-E  
FWHM 4.0°  
Efficiency 93 %  
Peak intensity 87.400 cd/lm  
Required components:



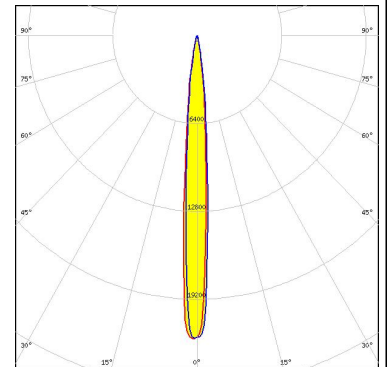
**CREE** 

LED XP-G  
FWHM 5.0°  
Efficiency 93 %  
Peak intensity 52.000 cd/lm  
Required components:



**CREE** 

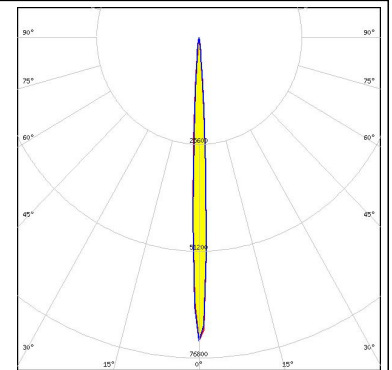
LED XP-L  
FWHM 8.5°  
Efficiency 93 %  
Peak intensity 22.200 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

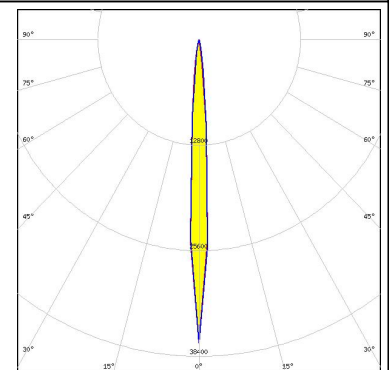
##### LUMILEDS

LED LUXEON Rebel  
 FWHM 5.0°  
 Efficiency 93 %  
 Peak intensity 75.600 cd/lm  
 Required components:



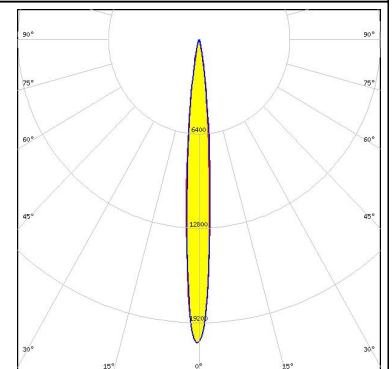
##### LUMILEDS

LED LUXEON Rebel ES  
 FWHM 7.0°  
 Efficiency 93 %  
 Peak intensity 38.500 cd/lm  
 Required components:



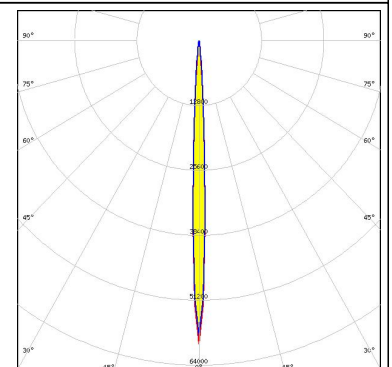
##### LUMILEDS

LED LUXEON V  
 FWHM 9.0°  
 Efficiency 92 %  
 Peak intensity 20.600 cd/lm  
 Required components:

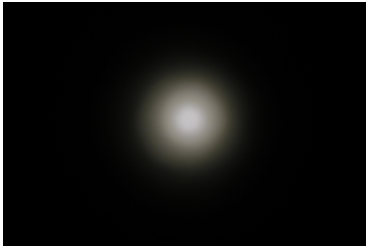
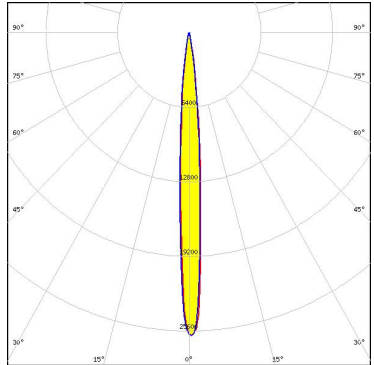

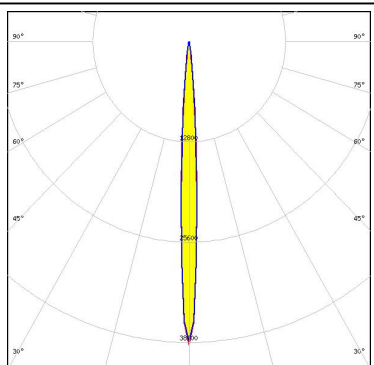
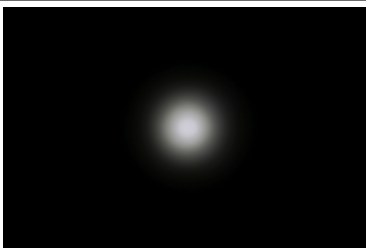
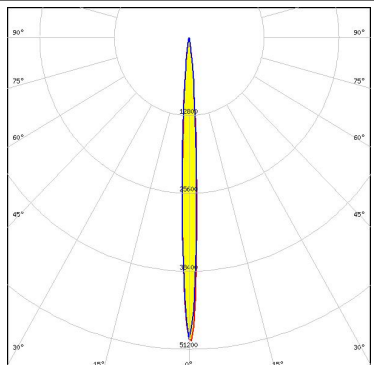

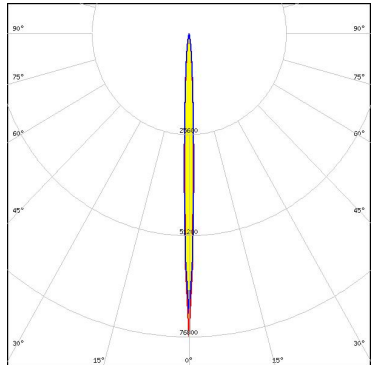


##### NICHIA

LED NCSxx19A  
 FWHM 5.0°  
 Efficiency %  
 Peak intensity cd/lm  
 Required components:



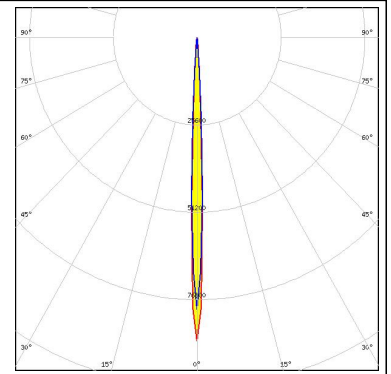
#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSW3x9A            FWHM 8.0°            Efficiency 90 %            Peak intensity 26.100 cd/lm            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19A            FWHM 6.0°            Efficiency 93 %            Peak intensity 38.700 cd/lm            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Oslon Square Gen3            FWHM 6.0°            Efficiency 94 %            Peak intensity 49.900 cd/lm            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Oslon SSL 150            FWHM 4.0°            Efficiency 93 %            Peak intensity 76.800 cd/lm            Required components:</p>		

#### PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

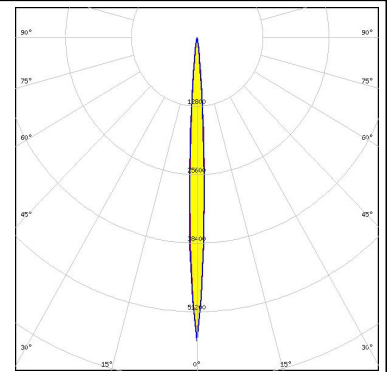
LED            Oslon SSL 80  
FWHM        4.0°  
Efficiency    90 %  
Peak intensity 89.000 cd/lm  
Required components:



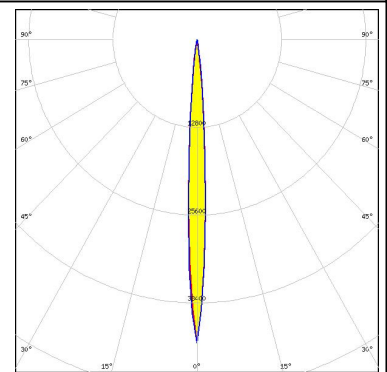
#### PHOTOMETRIC DATA (SIMULATED):



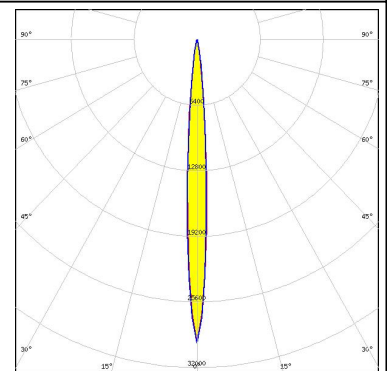
LED XP-E2  
 FWHM 5.9°  
 Efficiency 94 %  
 Peak intensity 56.600 cd/lm  
 Required components:



LED XP-G2  
 FWHM 6.7°  
 Efficiency 94 %  
 Peak intensity 44.300 cd/lm  
 Required components:



LED XP-G3  
 FWHM 7.5°  
 Efficiency 91 %  
 Peak intensity 29.600 cd/lm  
 Required components:

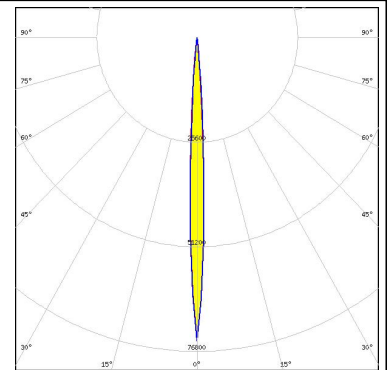


LED XQ-E  
 FWHM 5.0°  
 Efficiency 93 %  
 Peak intensity 80.000 cd/lm  
 Required components:

#### PHOTOMETRIC DATA (SIMULATED):

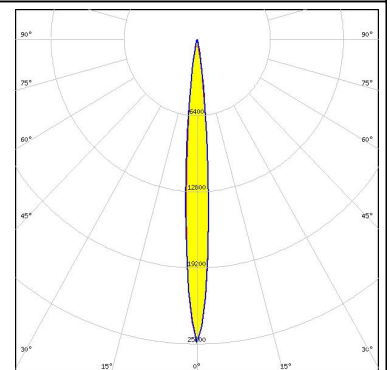
**CREE** 

LED XQ-E  
FWHM 5.5°  
Efficiency 94 %  
Peak intensity 74.200 cd/lm  
Required components:



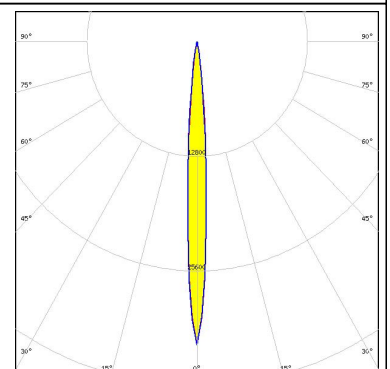
**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)  
FWHM 9.0°  
Efficiency 94 %  
Peak intensity 25.500 cd/lm  
Required components:



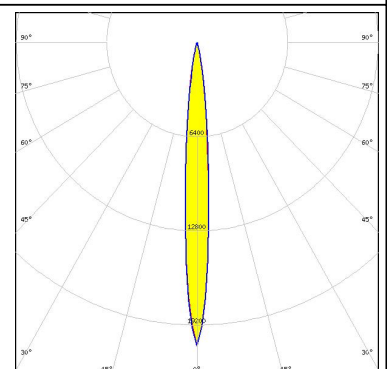
**SAMSUNG**

LED LH351B  
FWHM 7.4°  
Efficiency 94 %  
Peak intensity 33.850 cd/lm  
Required components:



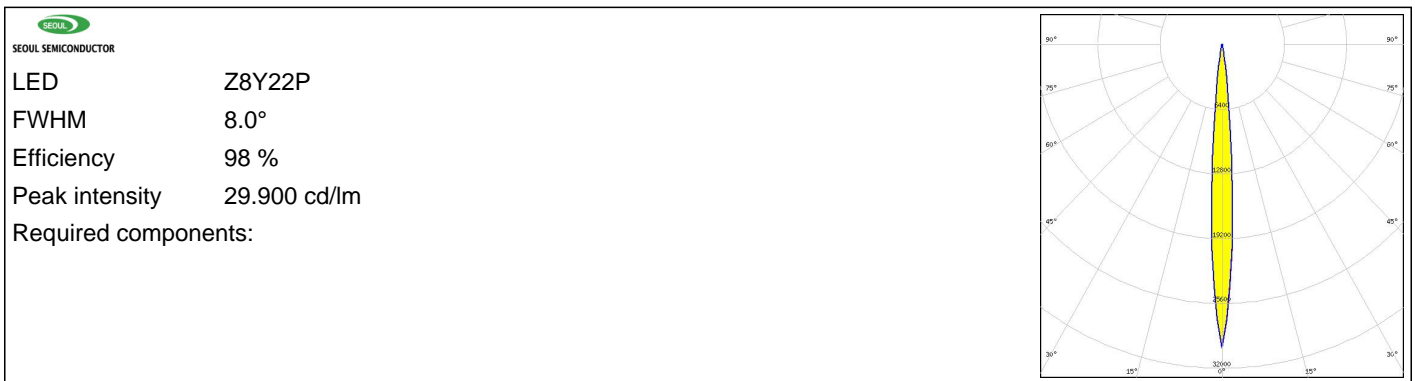
**SAMSUNG**

LED LH351D  
FWHM 9.2°  
Efficiency 90 %  
Peak intensity 20.620 cd/lm  
Required components:





#### PHOTOMETRIC DATA (SIMULATED):



#### 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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