

## VIOLET-12X1-S

~20° wide beam when used with one UV LED

### TECHNICAL SPECIFICATIONS:

Dimensions	294.8 x 41.6 mm
Height	8.8 mm
Fastening	screw
ROHS compliant	yes ⓘ

### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
VIOLET-12X1-S	Multi-lens	Silicone	clear	
VIOLET-12X1-FRAME	Accessory	Stainless steel	metal	



### ORDERING INFORMATION:

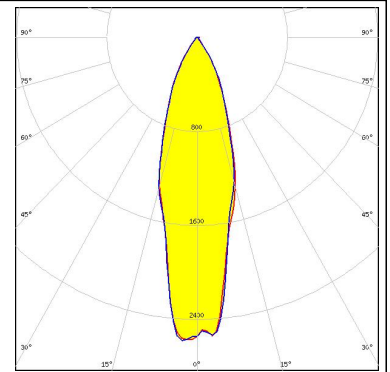
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FN17294_VIOLET-12X1-S » Box size: 398 x 298 x 150 mm	Multi-lens	78	26	26	7.7



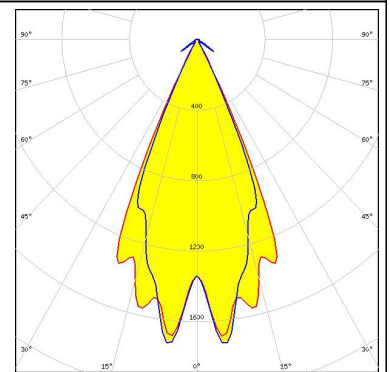
#### PHOTOMETRIC DATA (SIMULATED):



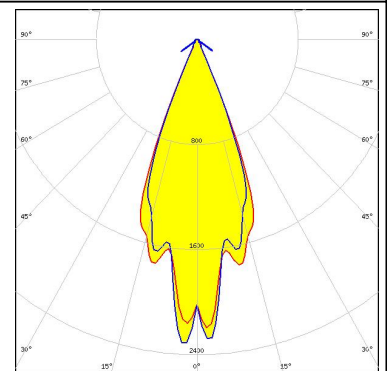
**LED** XT-E  
**FWHM** 30.0°  
**Efficiency** 86 %  
**Peak intensity** 2.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



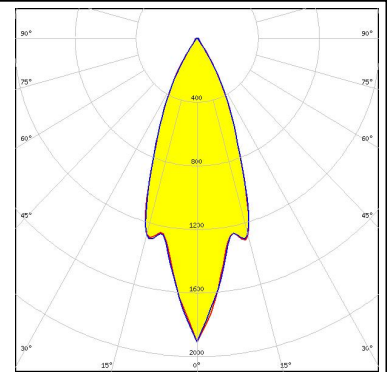
**LED** LTPL-G35UVC-GC  
**FWHM** 46.0°  
**Efficiency** 72 %  
**LEDs/each optic** 1  
**Light colour** UV  
**Required components:**



**LED** LTPL-G35UVC-GR  
**FWHM** 40.0°  
**Efficiency** 72 %  
**LEDs/each optic** 1  
**Light colour** UV  
**Required components:**



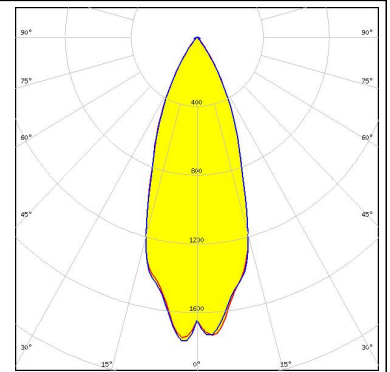
**LED** NCSU334A  
**FWHM** 40.0°  
**Efficiency** 72 %  
**LEDs/each optic** 1  
**Light colour** UV  
**Required components:**



#### PHOTOMETRIC DATA (SIMULATED):

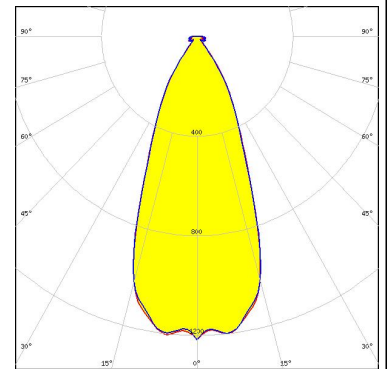
### SAMSUNG

LED LM301B  
FWHM 38.0°  
Efficiency 88 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



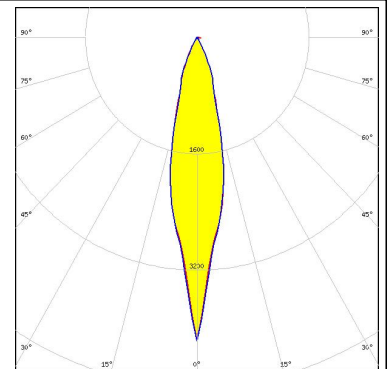
### SEOUL VIOSYS

LED WICOP DY9560-27  
FWHM 43.0°  
Efficiency 66 %  
LEDs/each optic 4  
Light colour UV  
Required components:



### SEOUL VIOSYS

LED WICOP DY9560-27  
FWHM 22.0°  
Efficiency 72 %  
LEDs/each optic 1  
Light colour UV  
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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