

## VIOLET-12X1-W

~60° wide beam

### TECHNICAL SPECIFICATIONS:

Dimensions	294.8 x 41.6 mm
Height	8.8 mm
Fastening	screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes ⓘ

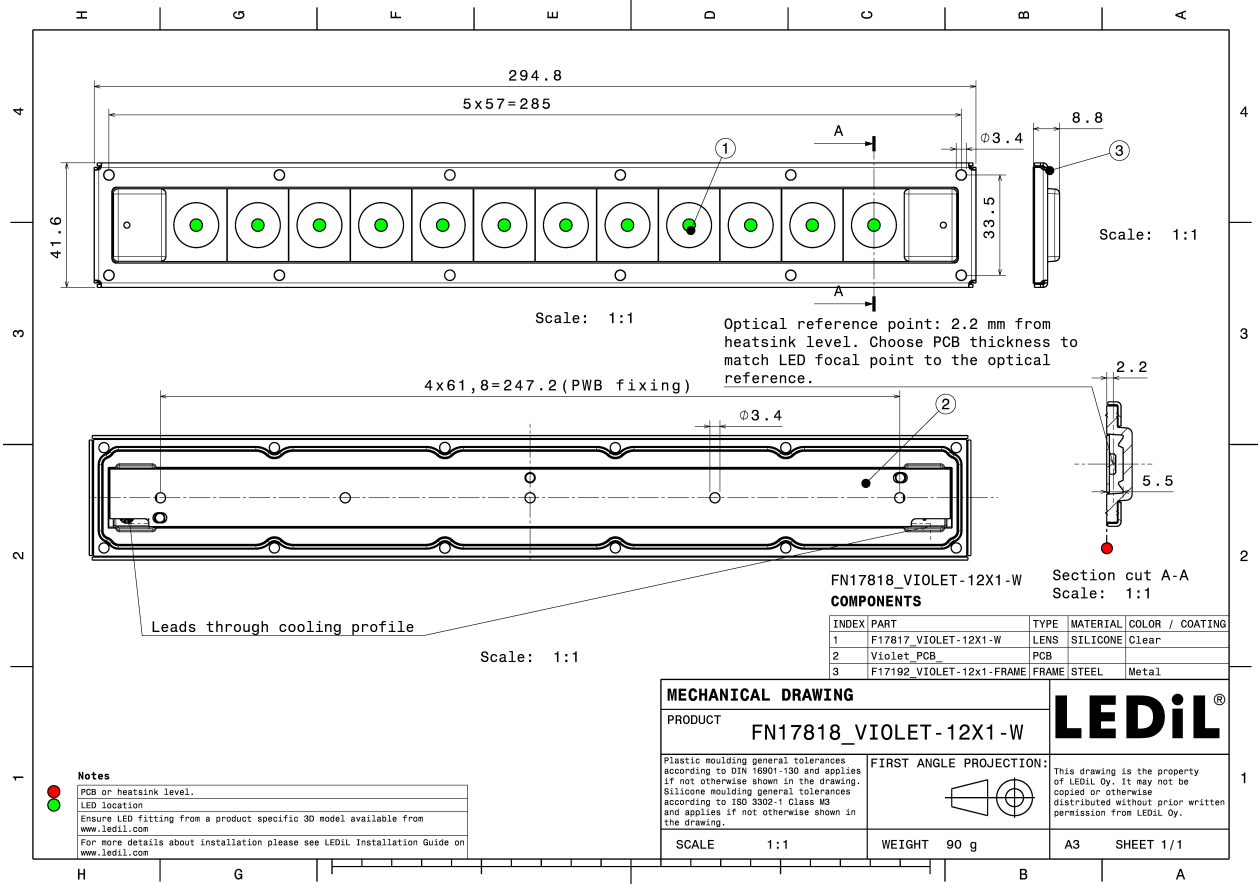
### MATERIAL SPECIFICATIONS:

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



### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FN17818_VIOLET-12X1-W » Box size: 398 x 298 x 150 mm	Multi-lens	78	26	26	7.8



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):



LED LIGHT ENGINE VIOLET UVC 281x19.2mm (KL265-50V-SM-WD)  
FWHM / FWTM 46.0° / 67.0°  
Efficiency 74 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %

Crystal<sup>®</sup>IS

LED KL265-50V-SM-WD  
FWHM / FWTM 55.0° / 73.0°  
Efficiency 67 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %



LED 110384-GC VIOLET  
FWHM / FWTM 63.0° / 84.0°  
Efficiency 74 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %



LED 110384-GM VIOLET  
FWHM / FWTM 64.0° / 85.0°  
Efficiency 75 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %

#### PHOTOMETRIC DATA (MEASURED):

#### LITEON

LED LTPL-G35UV275GC-E  
FWHM / FWTM 51.0° / 71.0°  
Efficiency 76 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %

#### LITEON

LED LTPL-G35UV275GR-E  
FWHM / FWTM 54.0° / 73.0°  
Efficiency 75 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %

#### LITEON

LED LTPL-G35UVC275GH  
FWHM / FWTM 55.0° / 73.0°  
Efficiency 75 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %

#### LITEON

LED LTPL-G35UVC275GZ  
FWHM / FWTM 53.0° / 73.0°  
Efficiency 74 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %

#### PHOTOMETRIC DATA (MEASURED):



LED XBT-3535-UV  
FWHM / FWTM 56.0° / 75.0°  
Efficiency 75 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %



LED XFM-5050 2 Die  
FWHM / FWTM 56.0° / 76.0°  
Efficiency 67 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %



LED XFM-5050 3 Die  
FWHM / FWTM 54.0° / 77.0°  
Efficiency 65 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %



LED XST-3535-UV  
FWHM / FWTM 37.0° / 58.0°  
Efficiency 77 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %

### PHOTOMETRIC DATA (MEASURED):



LED NCSU334A  
FWHM / FWTM 52.0° / 73.0°  
Efficiency 79 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %



LED NCSU334B  
FWHM / FWTM 53.0° / 73.0°  
Efficiency 75 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %



SEOUL SEMICONDUCTOR

LED CUD7GF1B  
FWHM / FWTM 48.0° / 68.0°  
Efficiency 70 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %



SEOUL SEMICONDUCTOR

LED CUD7QF1A  
FWHM / FWTM 43.0° / 66.0°  
Efficiency 69 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is  $\pm 10$  %

#### PHOTOMETRIC DATA (MEASURED):

SEOL SEOUL SEMICONDUCTOR	
LED	XMD-FBC-LLCA
FWHM / FWTM	51.0° / 72.0°
Efficiency	68 %
LEDs/each optic	1
Light colour	UV-C
Required components:	
The UVC LED result tolerance is $\pm 10$ %	

SEOL SEOUL SEMICONDUCTOR	
LED	XMD-FBC-LLOA
FWHM / FWTM	50.0° / 75.0°
Efficiency	73 %
LEDs/each optic	2
Light colour	UV-C
Required components:	
The UVC LED result tolerance is $\pm 10$ %	

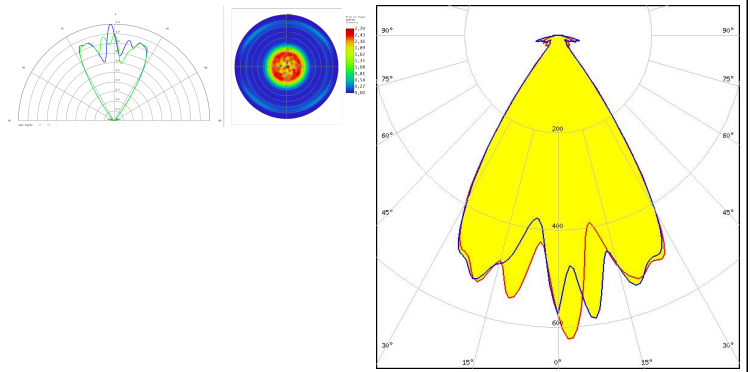
SEOL SEOUL SEMICONDUCTOR	
LED	XMD-FBC-LLVA
FWHM / FWTM	53.0° / 76.0°
Efficiency	70 %
LEDs/each optic	4
Light colour	UV-C
Required components:	
The UVC LED result tolerance is $\pm 10$ %	

#### PHOTOMETRIC DATA (SIMULATED):



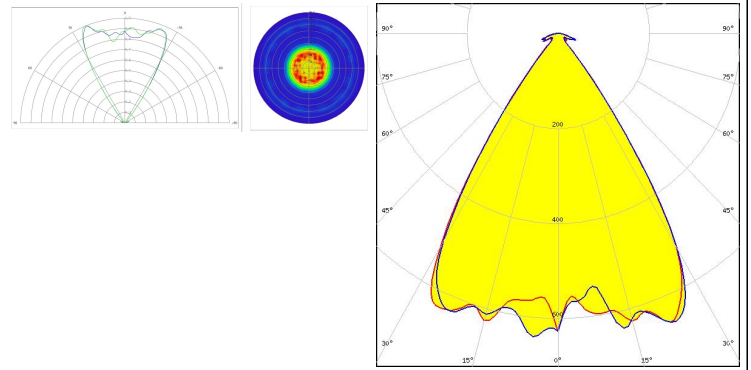
LED XBT-1313  
 FWHM / FWTM 63.0° / 78.0°  
 Efficiency 71 %  
 LEDs/each optic 1  
 Light colour UV-C  
 Required components:

The UVC LED result tolerance is  $\pm 10$  %



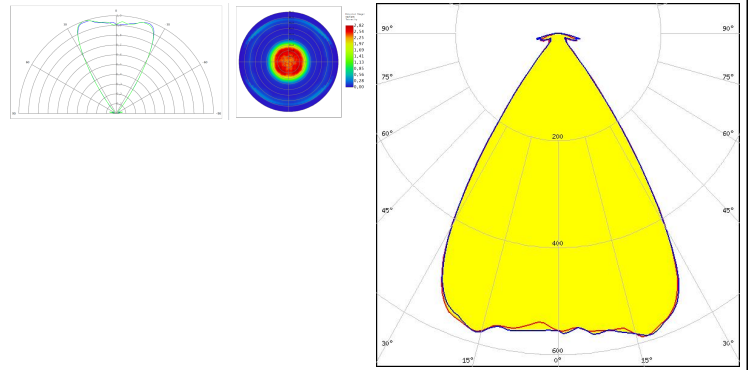
LED XBT-3535-UV  
 FWHM / FWTM 65.0° / 78.0°  
 Efficiency 80 %  
 LEDs/each optic 1  
 Light colour UV-C  
 Required components:

The UVC LED result tolerance is  $\pm 10$  %



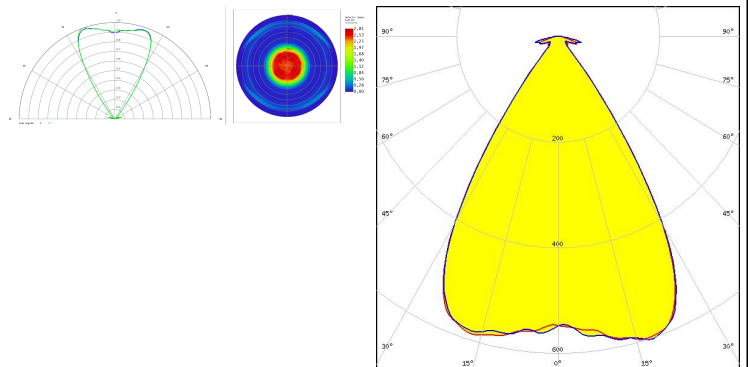
LED XFM-5050 2 Die  
 FWHM / FWTM 64.0° / 79.0°  
 Efficiency 74 %  
 LEDs/each optic 1  
 Light colour UV-C  
 Required components:

The UVC LED result tolerance is  $\pm 10$  %



LED XFM-5050 3 Die  
 FWHM / FWTM 62.0° / 79.0°  
 Efficiency 75 %  
 LEDs/each optic 1  
 Light colour UV-C  
 Required components:

The UVC LED result tolerance is  $\pm 10$  %

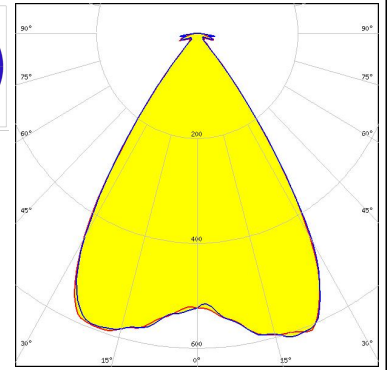
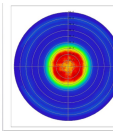
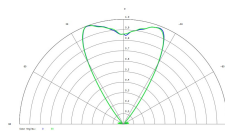




#### PHOTOMETRIC DATA (SIMULATED):



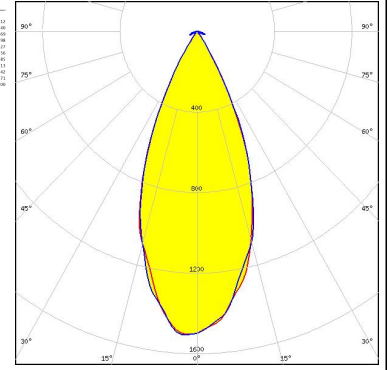
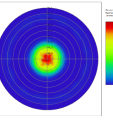
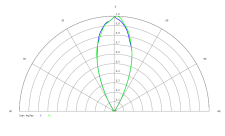
LED XFM-5050 4 Die  
 FWHM / FWTM 65.0° / 79.0°  
 Efficiency 76 %  
 LEDs/each optic 1  
 Light colour UV-C  
 Required components:



The UVC LED result tolerance is  $\pm 10$  %



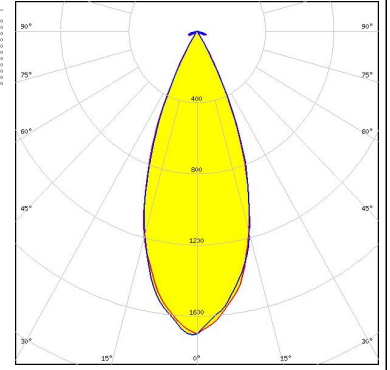
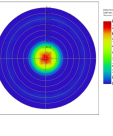
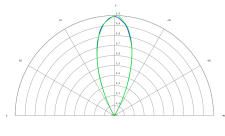
LED XST-3535-UV  
 FWHM / FWTM 41.0° / 62.0°  
 Efficiency 82 %  
 LEDs/each optic 1  
 Light colour UV-C  
 Required components:



The UVC LED result tolerance is  $\pm 10$  %



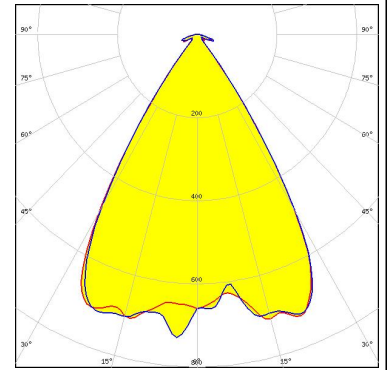
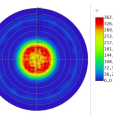
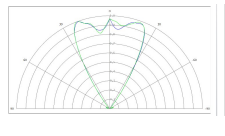
LED XST-3535-UV  
 FWHM / FWTM 39.0° / 58.0°  
 Efficiency 82 %  
 LEDs/each optic 1  
 Light colour UV-C  
 Required components:



The UVC LED result tolerance is  $\pm 10$  %

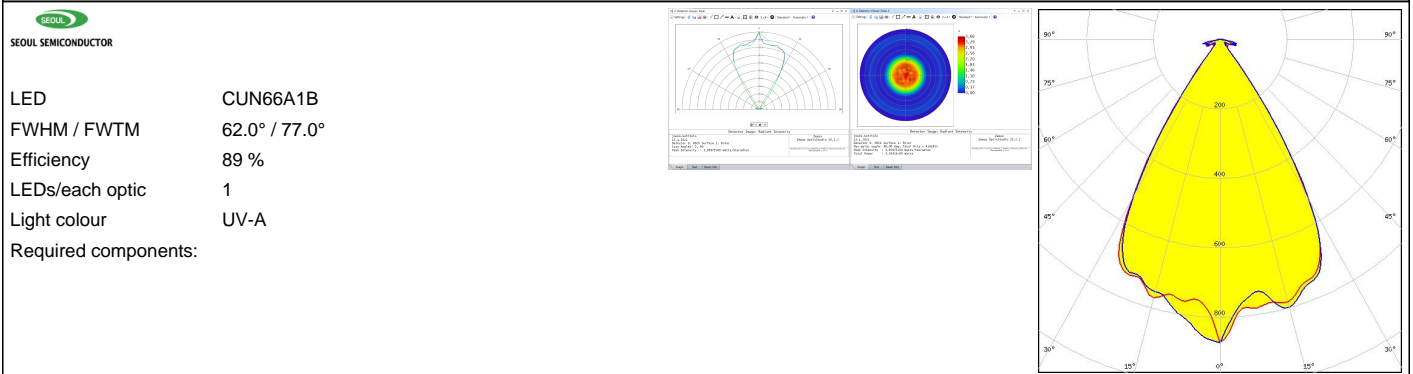
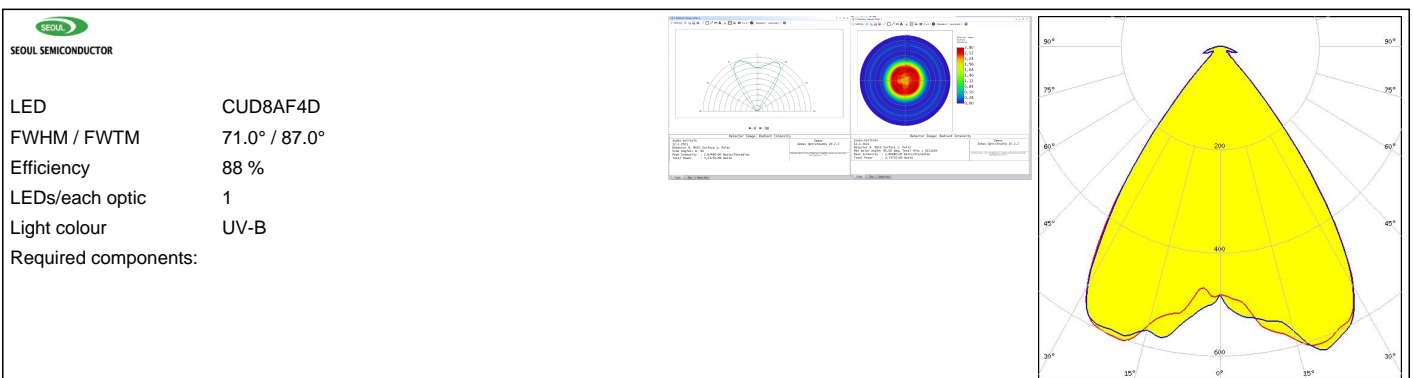
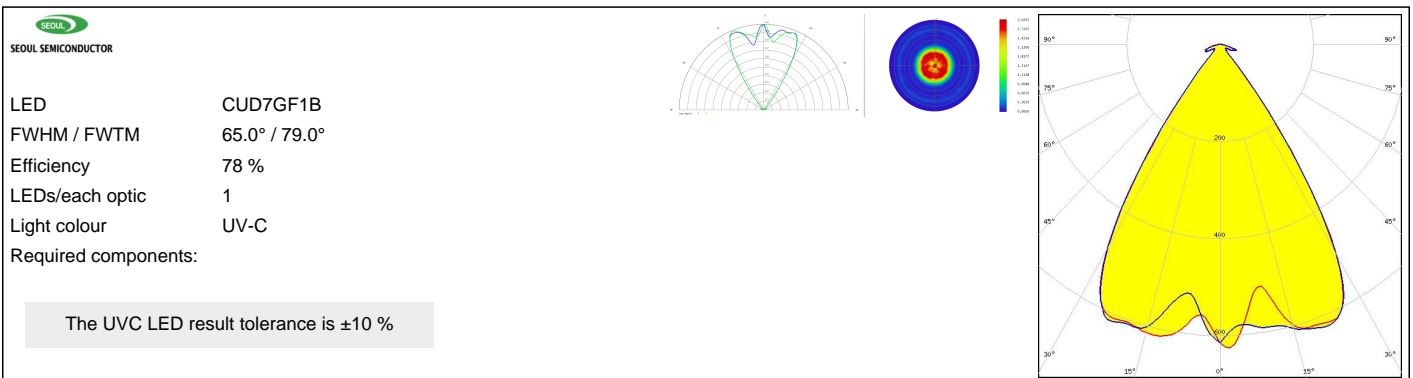
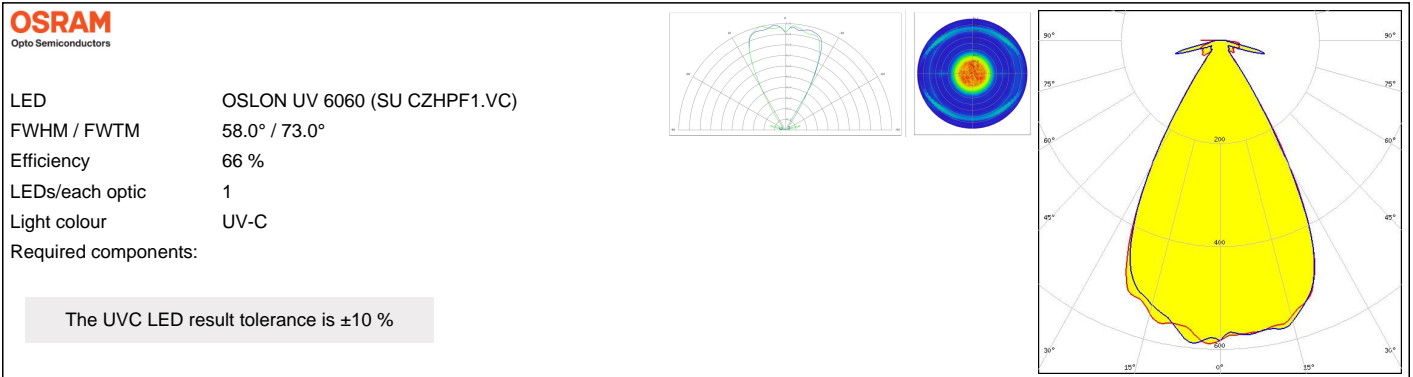


LED NCSU334B  
 FWHM / FWTM 62.0° / 76.0°  
 Efficiency 82 %  
 LEDs/each optic 1  
 Light colour UV-C  
 Required components:

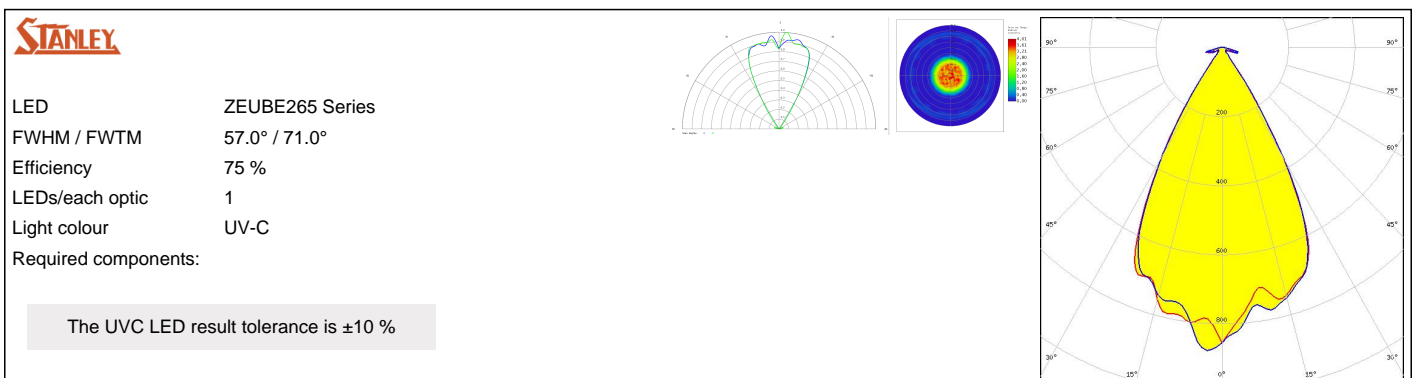
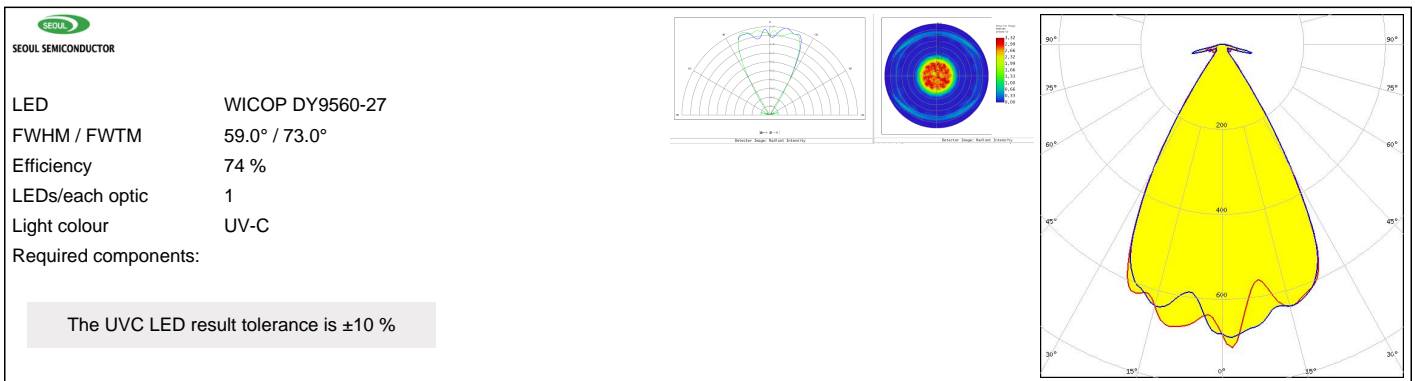
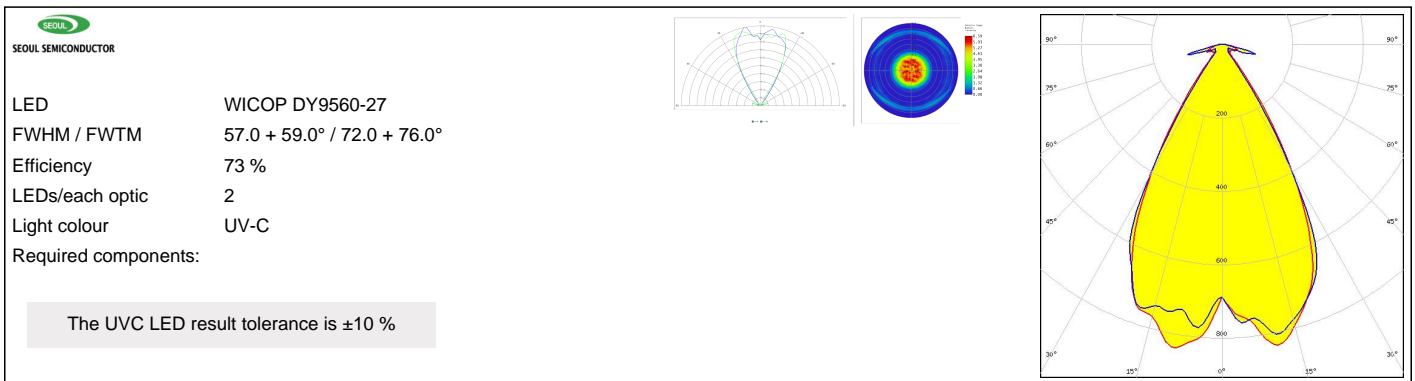
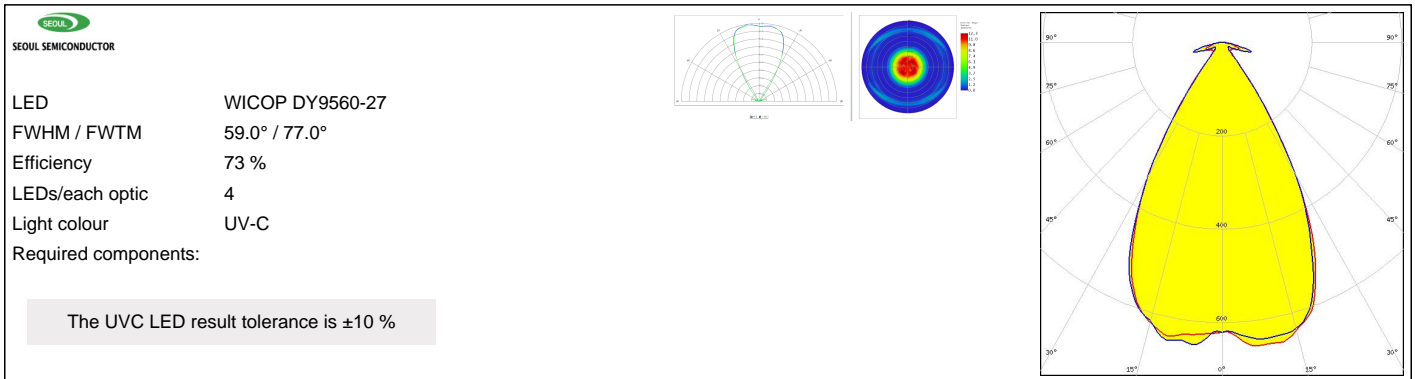


The UVC LED result tolerance is  $\pm 10$  %

### PHOTOMETRIC DATA (SIMULATED):



### 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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