

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 ⓘ

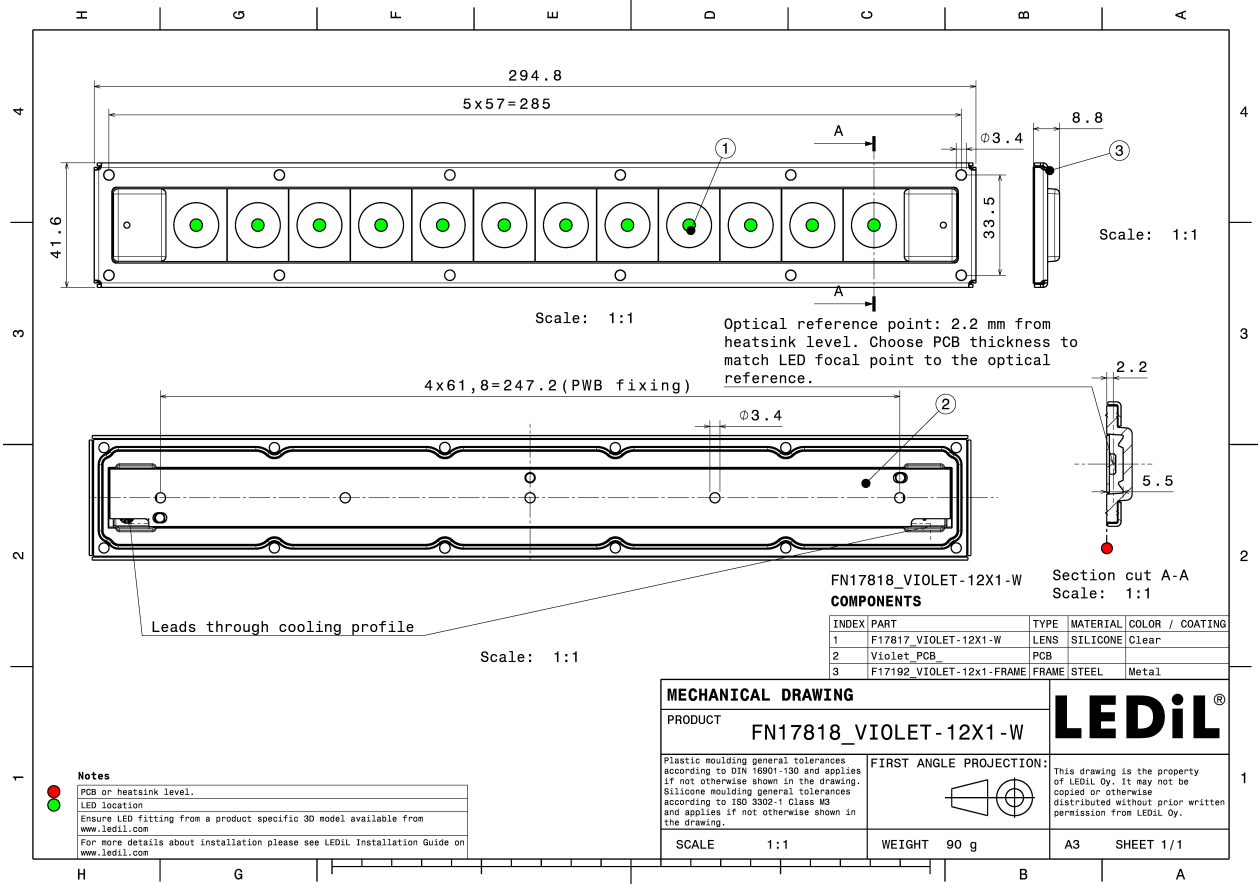
MATERIAL SPECIFICATIONS:

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

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 ± 10 %

Crystal[®]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 ± 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 ± 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 ± 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 ± 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 ± 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 ± 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 ± 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 ± 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 ± 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 ± 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 ± 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 ± 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 ± 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 ± 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 ± 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 ± 10 %	

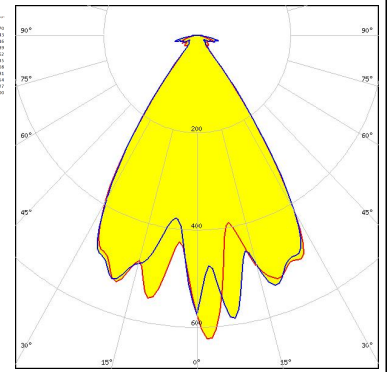
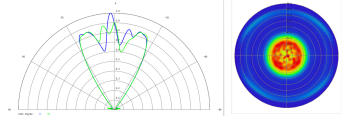
SEOL SEOUL SEMICONDUCTOR	
LED	XMD-FBC-LLOA
FWHM / FWTM	50.0° / 75.0°
Efficiency	73 %
LEDs/each optic	2
Light colour	UV-C
Required components:	
The UVC LED result tolerance is ± 10 %	

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 ± 10 %	

PHOTOMETRIC DATA (SIMULATED):



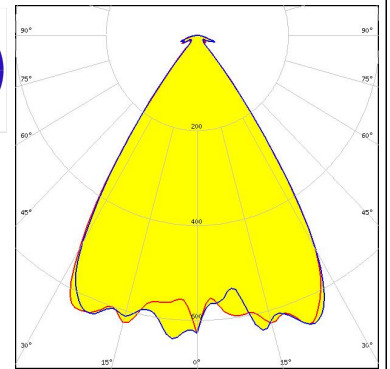
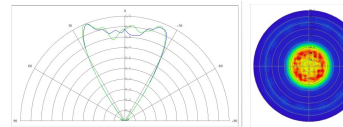
LED XBT-1313
 FWHM / FWTM 63.0° / 78.0°
 Efficiency 71 %
 LEDs/each optic 1
 Light colour UV-C
 Required components:



The UVC LED result tolerance is ± 10 %



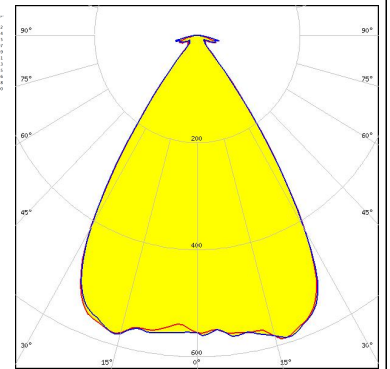
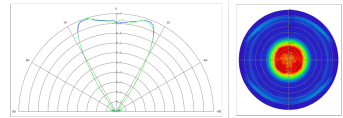
LED XBT-3535-UV
 FWHM / FWTM 65.0° / 78.0°
 Efficiency 80 %
 LEDs/each optic 1
 Light colour UV-C
 Required components:



The UVC LED result tolerance is ± 10 %



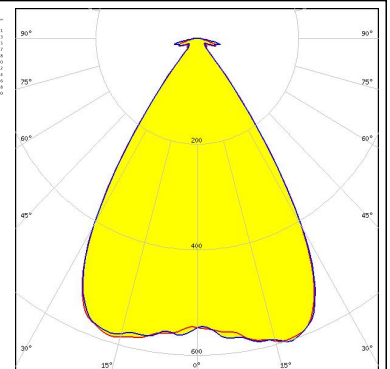
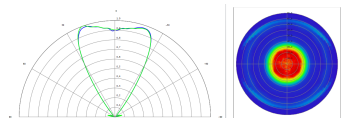
LED XFM-5050 2 Die
 FWHM / FWTM 64.0° / 79.0°
 Efficiency 74 %
 LEDs/each optic 1
 Light colour UV-C
 Required components:



The UVC LED result tolerance is ± 10 %

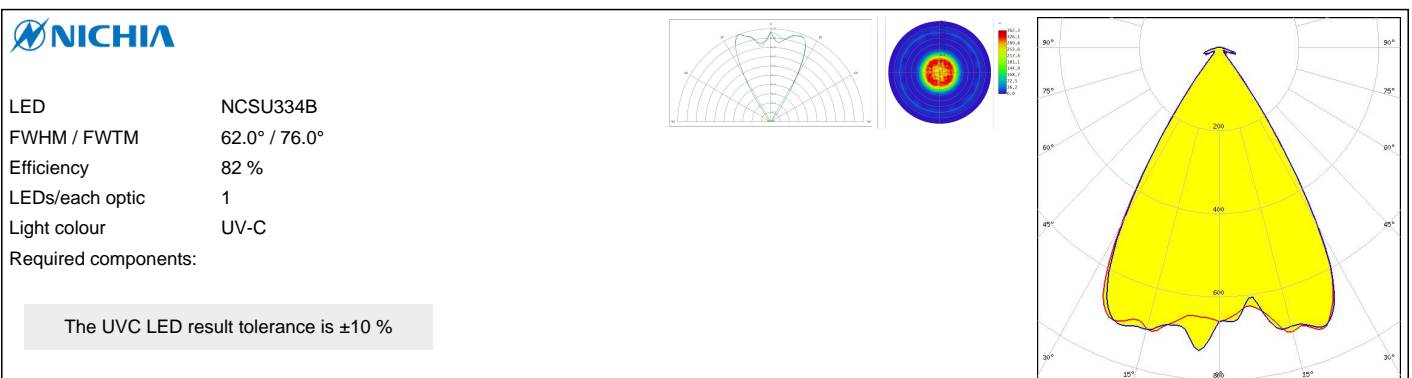
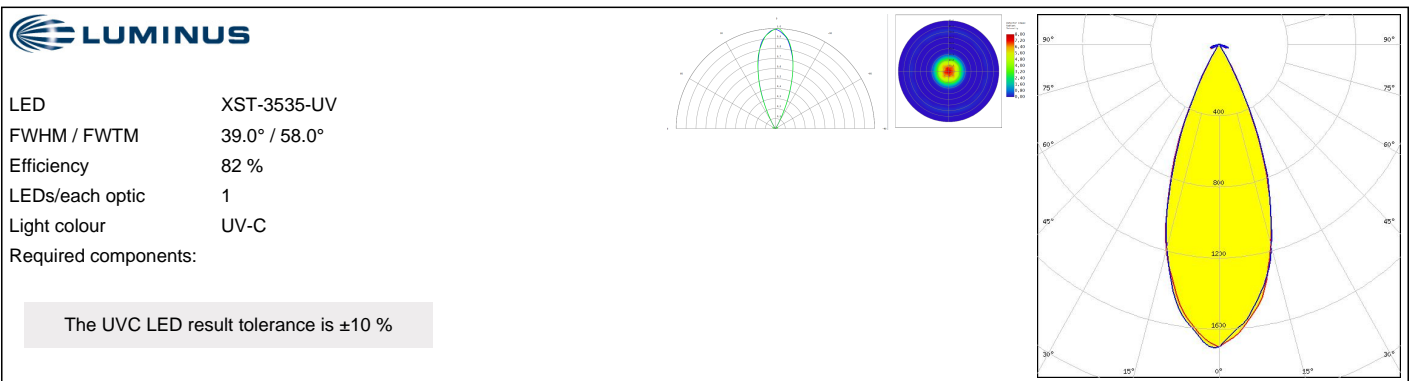
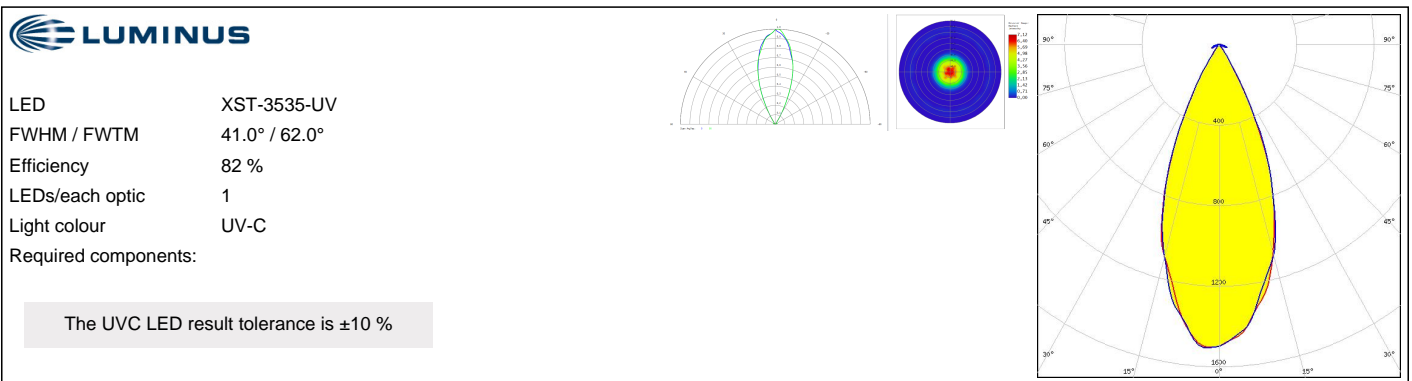
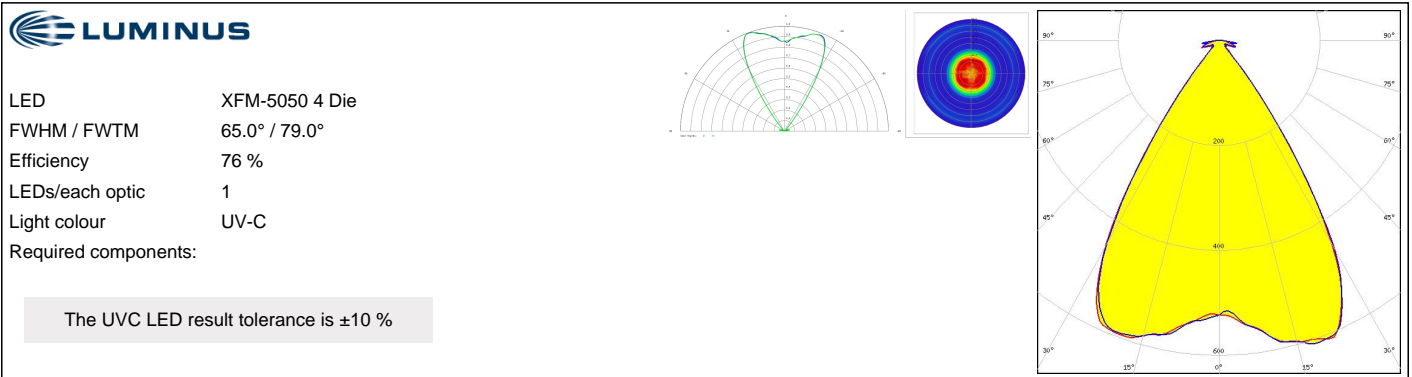


LED XFM-5050 3 Die
 FWHM / FWTM 62.0° / 79.0°
 Efficiency 75 %
 LEDs/each optic 1
 Light colour UV-C
 Required components:



The UVC LED result tolerance is ± 10 %

PHOTOMETRIC DATA (SIMULATED):

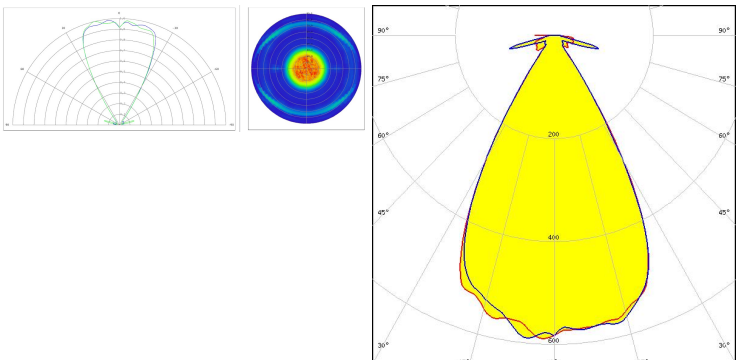


PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED: OSLON UV 6060 (SU CZHPF1.VC)
 FWHM / FWTM: 58.0° / 73.0°
 Efficiency: 66 %
 LEDs/each optic: 1
 Light colour: UV-C
 Required components:

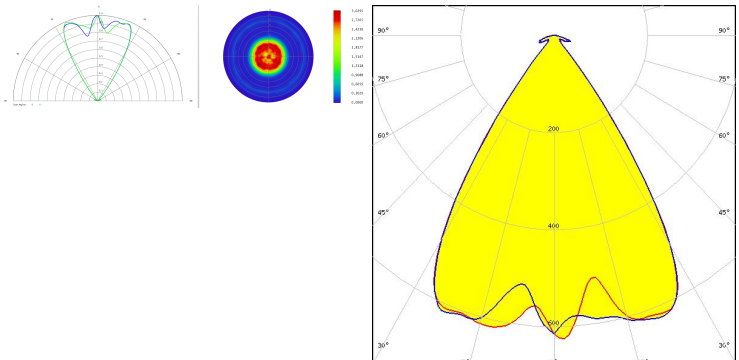
The UVC LED result tolerance is ±10 %



SEOUL SEMICONDUCTOR

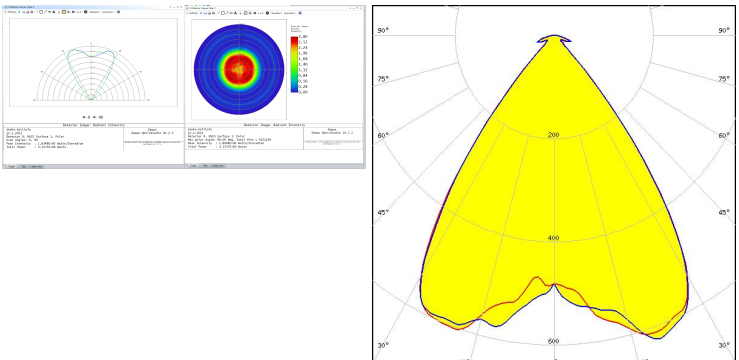
LED: CUD7GF1B
 FWHM / FWTM: 65.0° / 79.0°
 Efficiency: 78 %
 LEDs/each optic: 1
 Light colour: UV-C
 Required components:

The UVC LED result tolerance is ±10 %



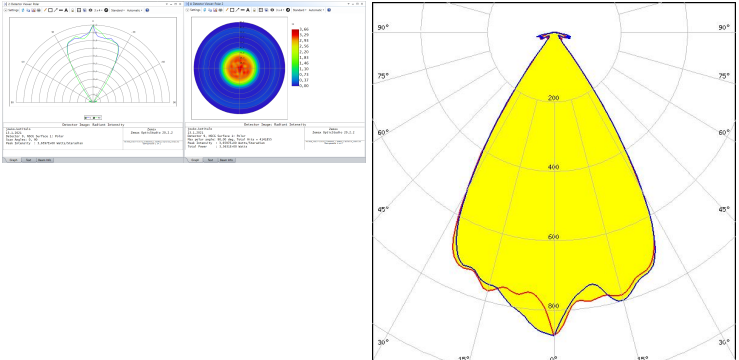
SEOUL SEMICONDUCTOR

LED: CUD8AF4D
 FWHM / FWTM: 71.0° / 87.0°
 Efficiency: 88 %
 LEDs/each optic: 1
 Light colour: UV-B
 Required components:



SEOUL SEMICONDUCTOR

LED: CUN66A1B
 FWHM / FWTM: 62.0° / 77.0°
 Efficiency: 89 %
 LEDs/each optic: 1
 Light colour: UV-A
 Required components:



PHOTOMETRIC DATA (SIMULATED):

