

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 ⓘ

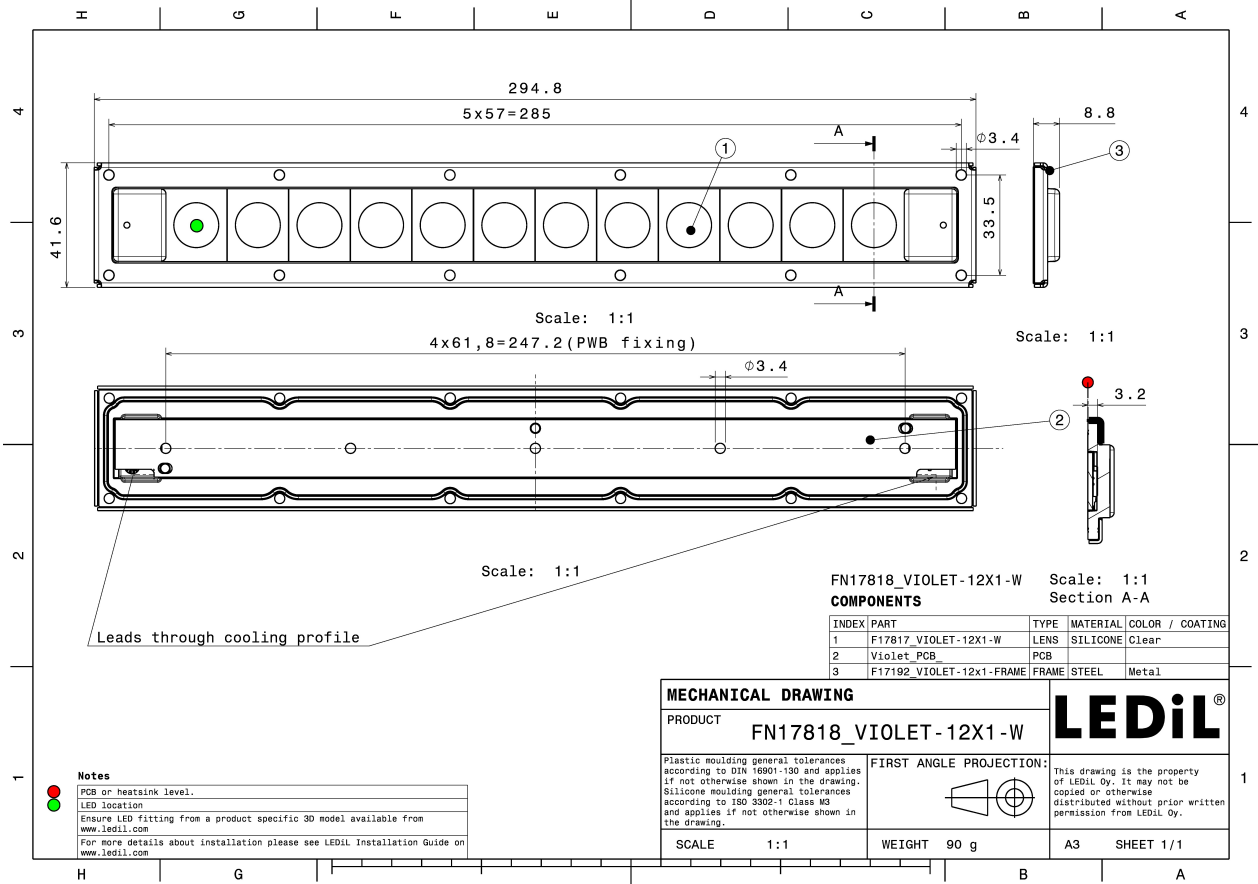
MATERIAL SPECIFICATIONS:

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 46.0°
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 46.0°
Efficiency 74 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



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

The UVC LED result tolerance is ± 10 %



LED 110384-GM VIOLET
FWHM 64.0°
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 61.0°
Efficiency 72 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

LITEON

LED LTPL-G35UV275GR-E
FWHM 62.0°
Efficiency 72 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

LITEON

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

The UVC LED result tolerance is ± 10 %

LITEON

LED LTPL-G35UVC275GZ
FWHM 53.0°
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 56.0°
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 47.0°
Efficiency 70 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



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

The UVC LED result tolerance is ± 10 %



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

The UVC LED result tolerance is ± 10 %

PHOTOMETRIC DATA (MEASURED):



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

The UVC LED result tolerance is ± 10 %



SEOUL SEMICONDUCTOR

LED CUD7GF1B
FWHM 56.0°
Efficiency 69 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



SEOUL SEMICONDUCTOR

LED CUD7QF1A
FWHM 54.0°
Efficiency 72 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



SEOUL SEMICONDUCTOR

LED XMD-FBC-LLCA
FWHM 51.0°
Efficiency 68 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

PHOTOMETRIC DATA (MEASURED):

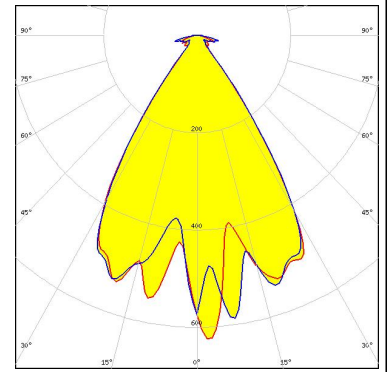
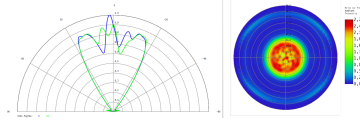
SEOL SEMICONDUCTOR	
LED	XMD-FBC-LLOA
FWHM	50.0°
Efficiency	73 %
LEDs/each optic	2
Light colour	UV-C
Required components:	
The UVC LED result tolerance is ± 10 %	

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

PHOTOMETRIC DATA (SIMULATED):



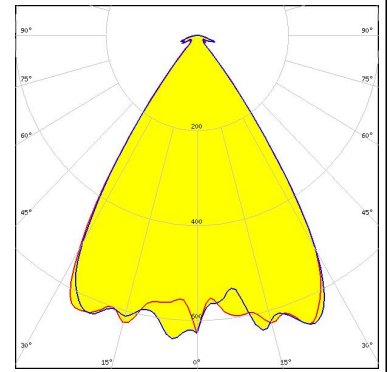
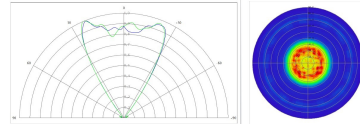
LED XBT-1313
 FWHM 63.0°
 Efficiency 71 %
 LEDs/each optic 1
 Light colour UV-C
 Required components:



The UVC LED result tolerance is ± 10 %



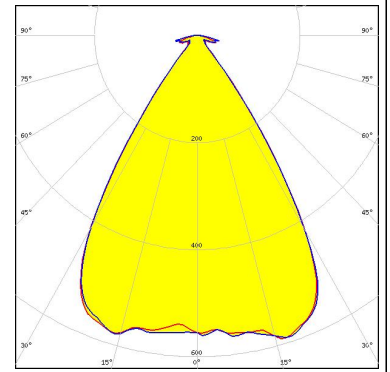
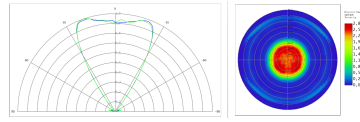
LED XBT-3535-UV
 FWHM 65.0°
 Efficiency 80 %
 LEDs/each optic 1
 Light colour UV-C
 Required components:



The UVC LED result tolerance is ± 10 %



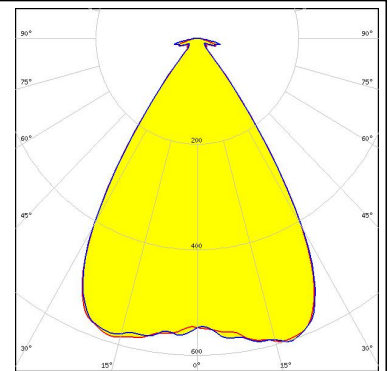
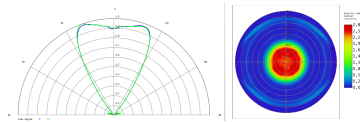
LED XFM-5050 2 Die
 FWHM 64.0°
 Efficiency 74 %
 LEDs/each optic 1
 Light colour UV-C
 Required components:



The UVC LED result tolerance is ± 10 %



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



The UVC LED result tolerance is ± 10 %

PHOTOMETRIC DATA (SIMULATED):

LUMINUS

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

The UVC LED result tolerance is ± 10 %

LUMINUS

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

The UVC LED result tolerance is ± 10 %

NICHIA

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

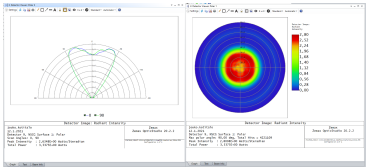
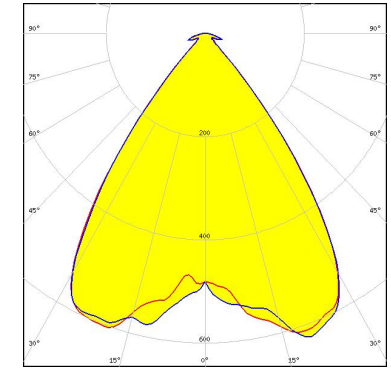
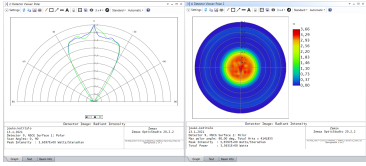
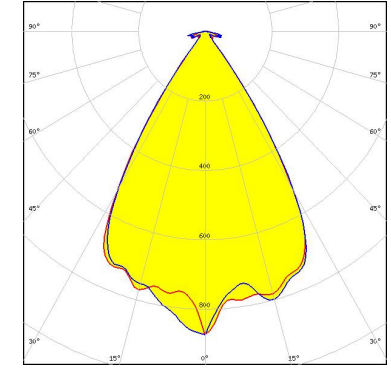
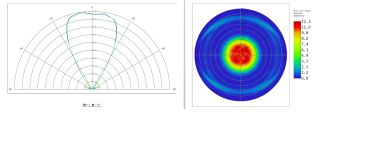
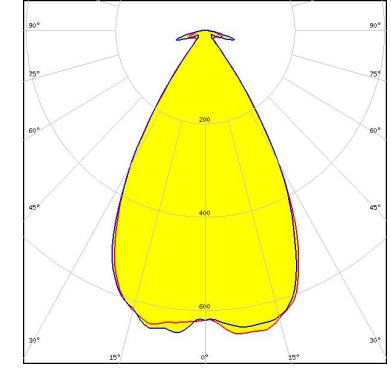
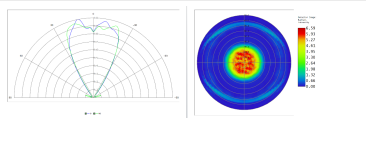
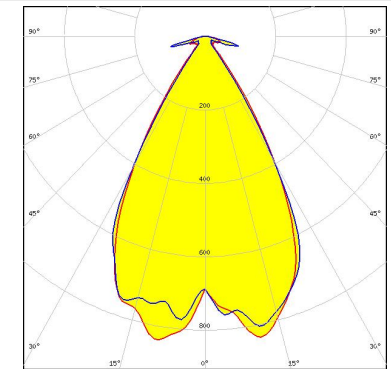
The UVC LED result tolerance is ± 10 %

SECL
SEOUL SEMICONDUCTOR

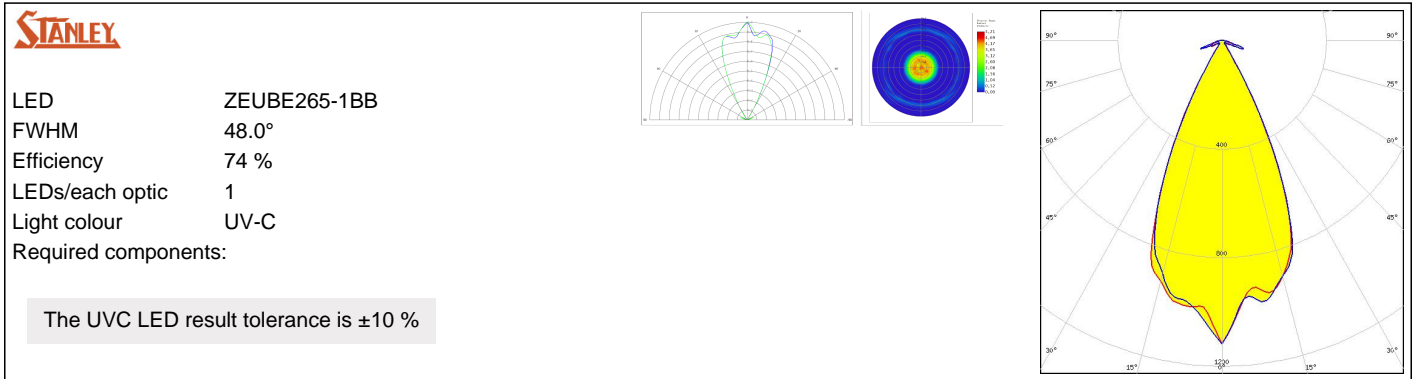
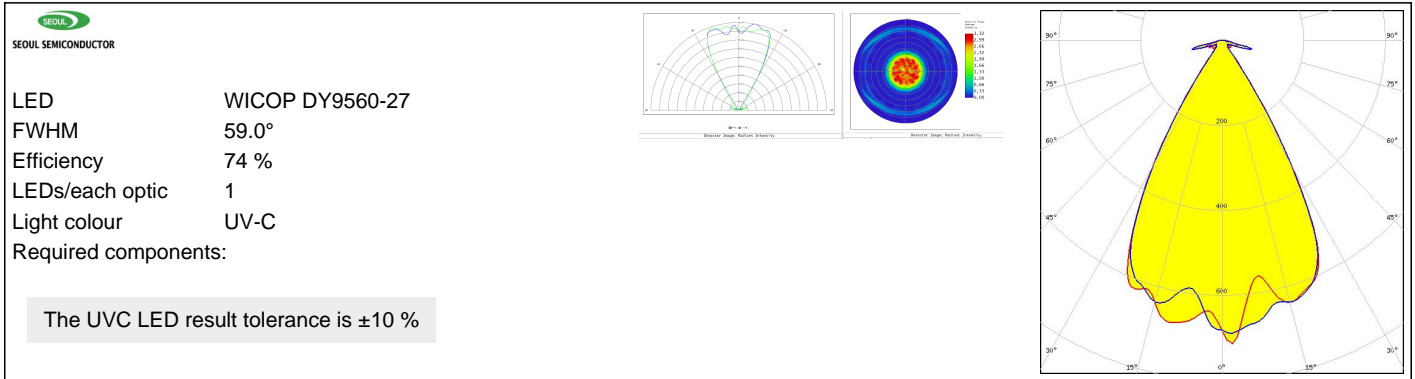
LED	CUD7GF1B
FWHM	65.0°
Efficiency	78 %
LEDs/each optic	1
Light colour	UV-C
Required components:	

The UVC LED result tolerance is ± 10 %

PHOTOMETRIC DATA (SIMULATED):

<p>SEOL SEMICONDUCTOR</p> <p>LED CUD8AF4D FWHM 71.0° Efficiency 88 % LEDs/each optic 1 Light colour UV-B Required components:</p>		
<p>SEOL SEMICONDUCTOR</p> <p>LED CUN66A1B FWHM 62.0° Efficiency 89 % LEDs/each optic 1 Light colour UV-A Required components:</p>		
<p>SEOL SEMICONDUCTOR</p> <p>LED WICOP DY9560-27 FWHM 59.0° Efficiency 73 % LEDs/each optic 4 Light colour UV-C Required components:</p> <p>The UVC LED result tolerance is ± 10 %</p>		
<p>SEOL SEMICONDUCTOR</p> <p>LED WICOP DY9560-27 FWHM 57.0 + 59.0° Efficiency 73 % LEDs/each optic 2 Light colour UV-C Required components:</p> <p>The UVC LED result tolerance is ± 10 %</p>		

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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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