

## VIOLETTA-S

~15° spot beam



### TECHNICAL SPECIFICATIONS:

Dimensions	21.7 x 21.7 mm
Height	6.6 mm
Fastening	pin
ROHS compliant	yes 

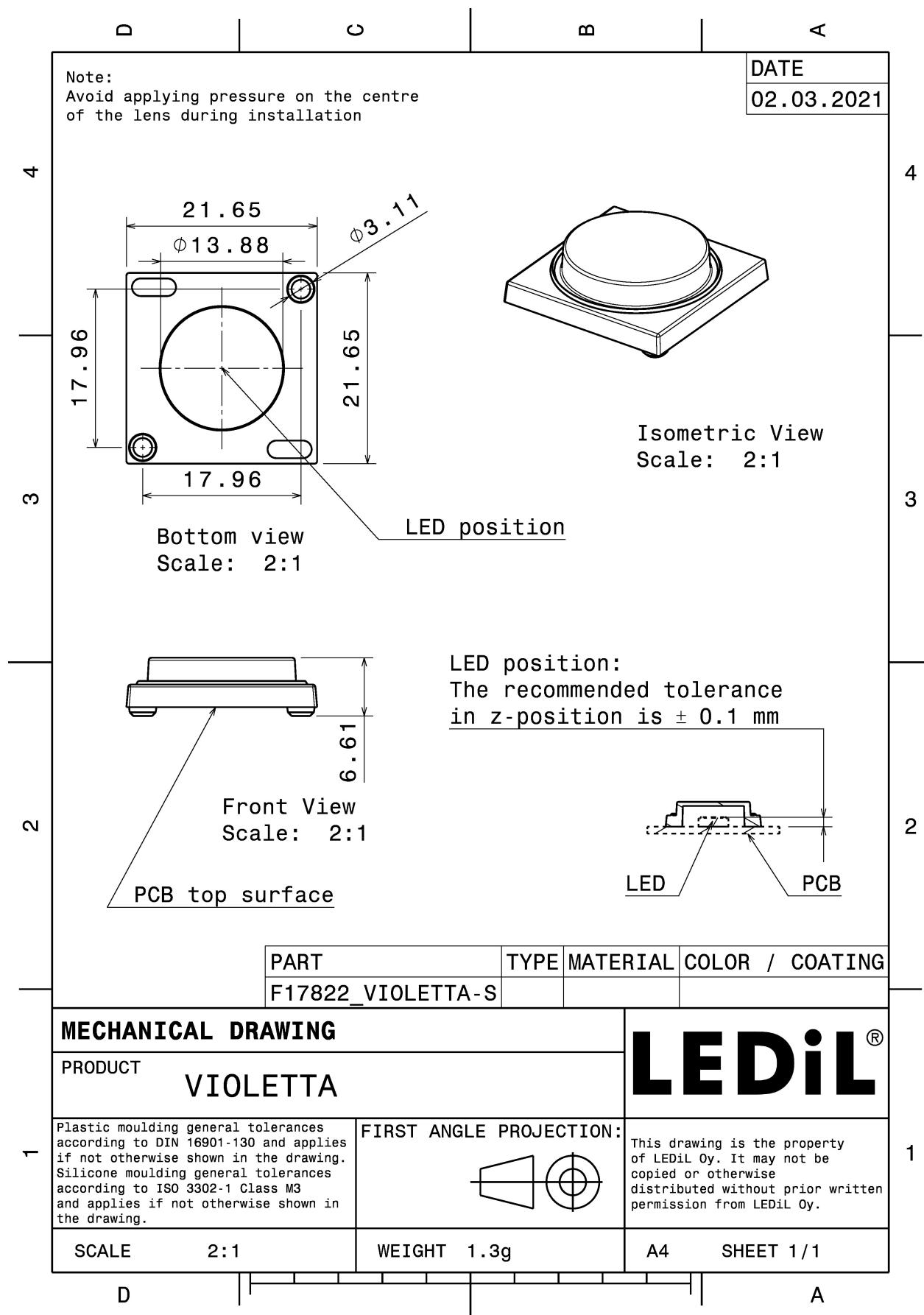
LEDiL®

### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
VIOLETTA-S	Single lens	Silicone	clear	gloss

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F17822_VIOLETTA-S » Box size: 485 x 280 x 100 mm	1620	270	135	3.5



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

## PHOTOMETRIC DATA (MEASURED):



LED S3535-DR100-W272-P40

FWHM / FWTM 21.0° / 35.0°

Efficiency 72 %

LEDs/each optic 1

Light colour UV-C

Required components:

The UVC LED result tolerance is ±10 %



LED XFM-5050 2 Die

FWHM / FWTM 29.0° / 53.0°

Efficiency %

LEDs/each optic 1

Light colour UV-C

Required components:

The UVC LED result tolerance is ±10 %



LED XFM-5050 3 Die

FWHM / FWTM 24.0° / 55.0°

Efficiency 73 %

LEDs/each optic 1

Light colour UV-C

Required components:

The UVC LED result tolerance is ±10 %



Opto Semiconductors

LED OSLON UV 3636 (SU CULBN1.VC)

FWHM / FWTM 10.0° / 21.0°

Efficiency 67 %

LEDs/each optic 1

Light colour UV-C

Required components:

The UVC LED result tolerance is ±10 %

## PHOTOMETRIC DATA (MEASURED):

### OSRAM

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LED OSLON UV 3636 (SU CULDN1.VC)  
FWHM / FWTM 16.0° / 35.0°  
Efficiency 70 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is ±10 %

### OSRAM

Opto Semiconductors

LED OSLON UV 6060 (SU CZHPF1.VC)  
FWHM / FWTM 20.0° / 41.0°  
Efficiency 66 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

The UVC LED result tolerance is ±10 %

### STANLEY

LED ZEUBE265 Series  
FWHM / FWTM 22.0° / 45.0°  
Efficiency 60 %  
LEDs/each optic 1  
Light colour UV-C  
Required components:

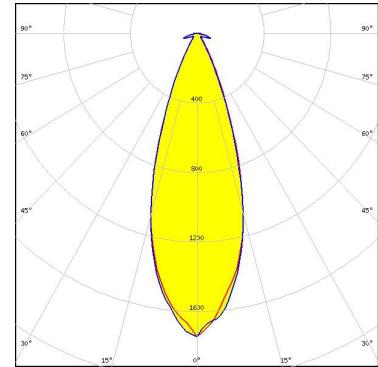
The UVC LED result tolerance is ±10 %

### PHOTOMETRIC DATA (SIMULATED):



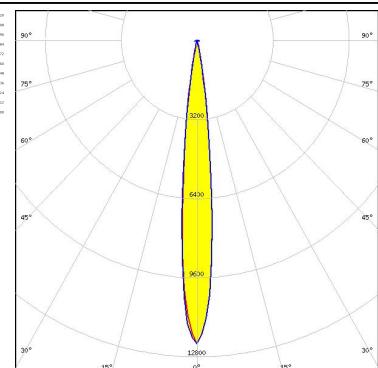
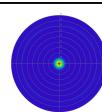
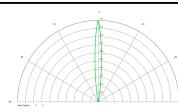
LED	Bridgelux SMD 5050
FWHM / FWTM	35.0° / 60.0°
Efficiency	89 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



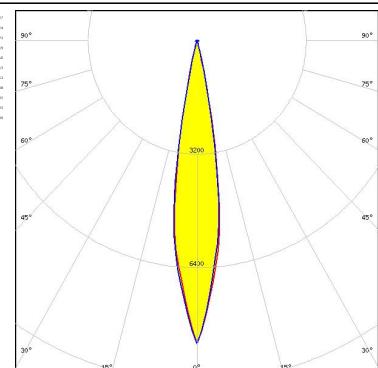
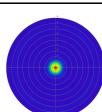
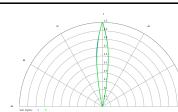
LED	XBT-1313
FWHM / FWTM	9.4° / 19.0°
Efficiency	78 %
LEDs/each optic	1
Light colour	UV-C

Required components:



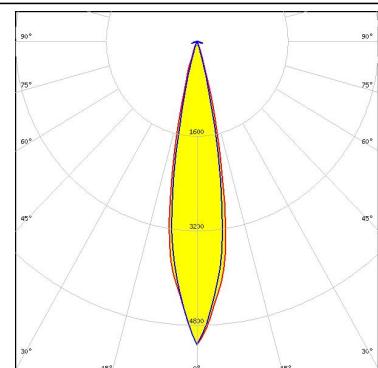
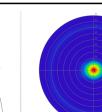
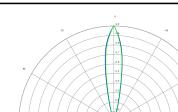
LED	XBT-3535-UV
FWHM / FWTM	16.0° / 25.0°
Efficiency	81 %
LEDs/each optic	1
Light colour	UV-C

Required components:

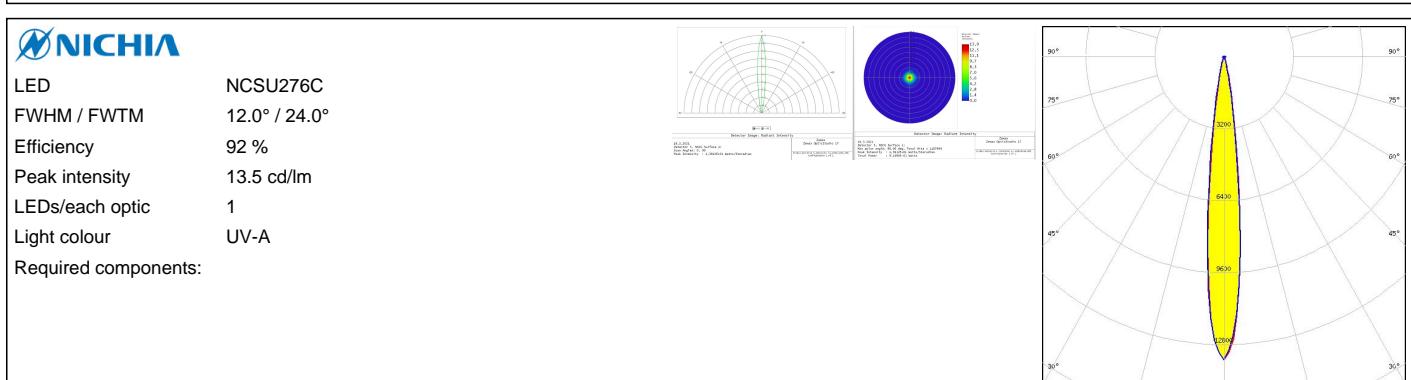
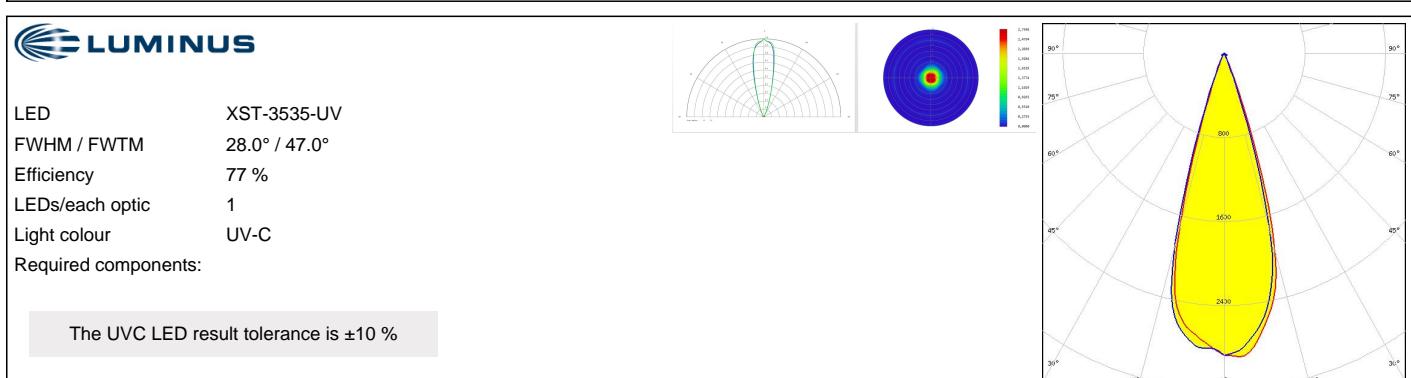
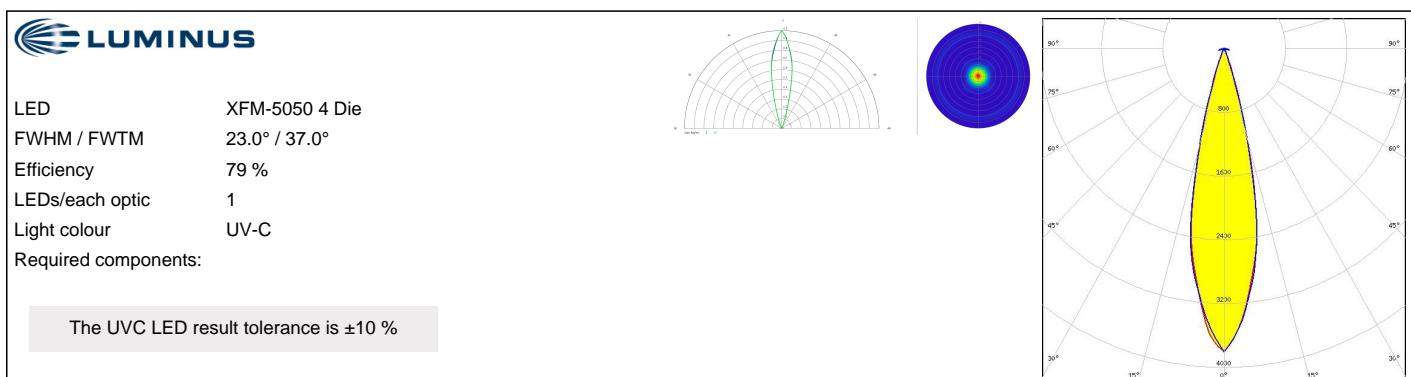
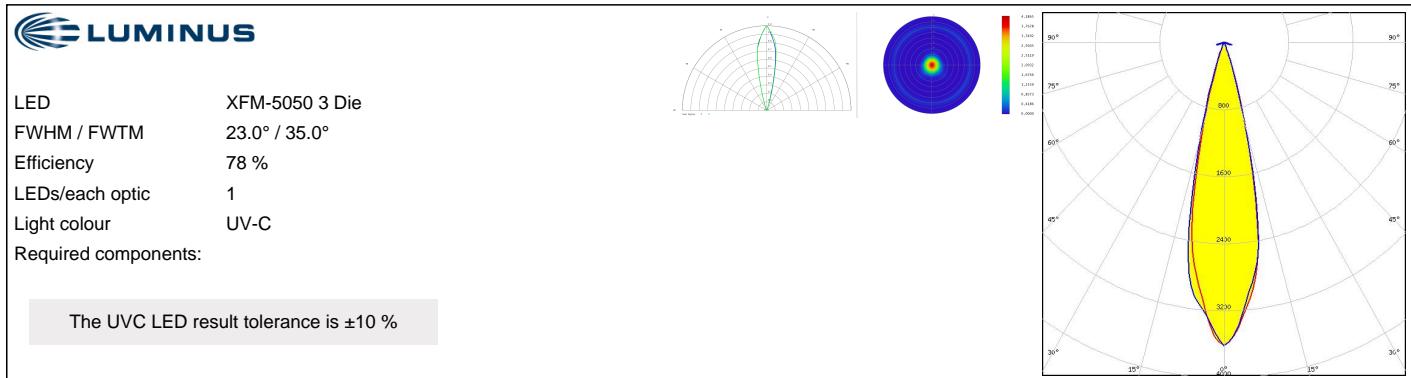


LED	XFM-5050 2 Die
FWHM / FWTM	19.0° / 33.0°
Efficiency	78 %
LEDs/each optic	1
Light colour	UV-C

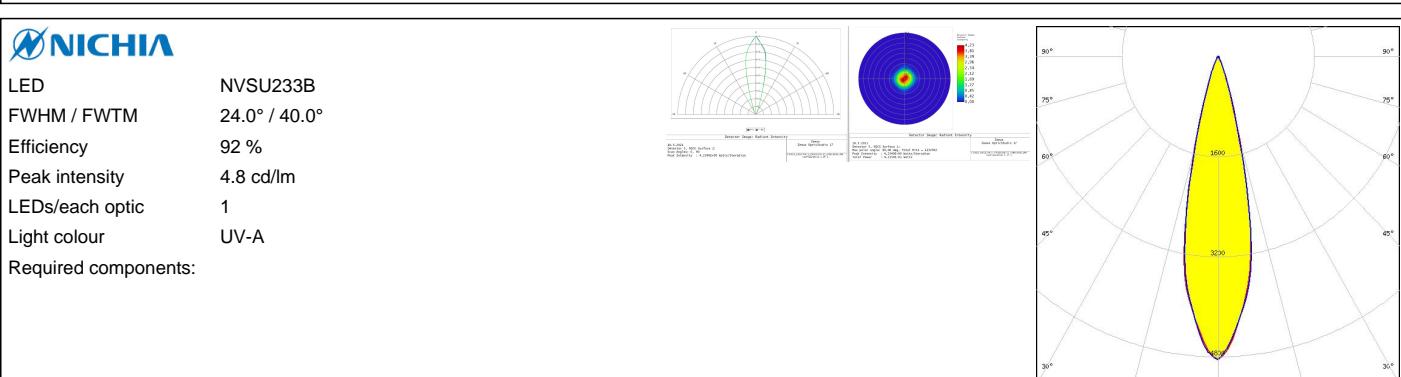
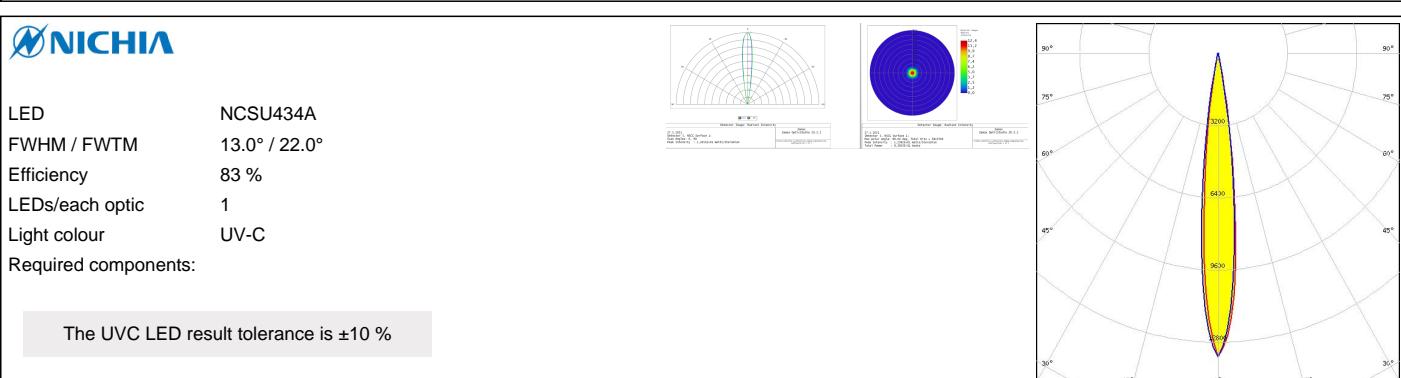
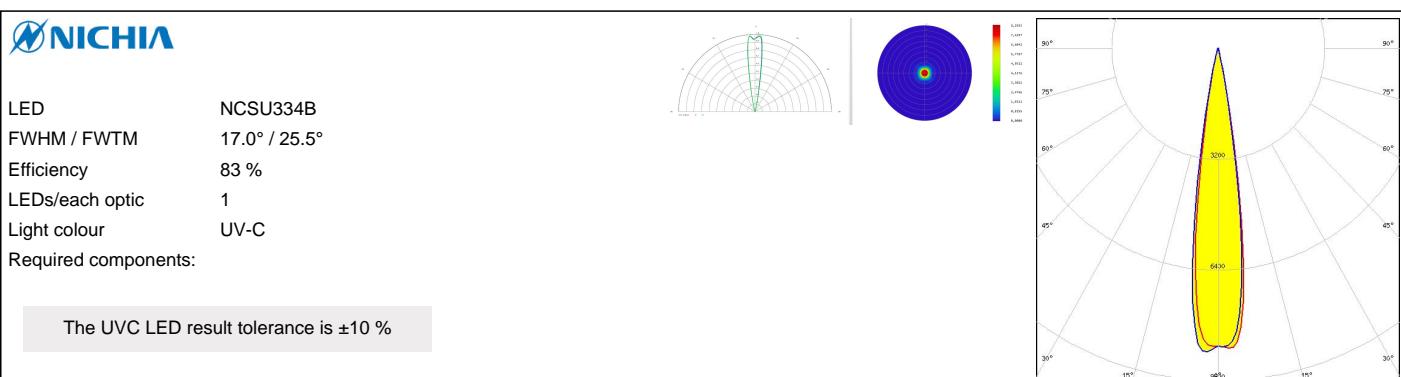
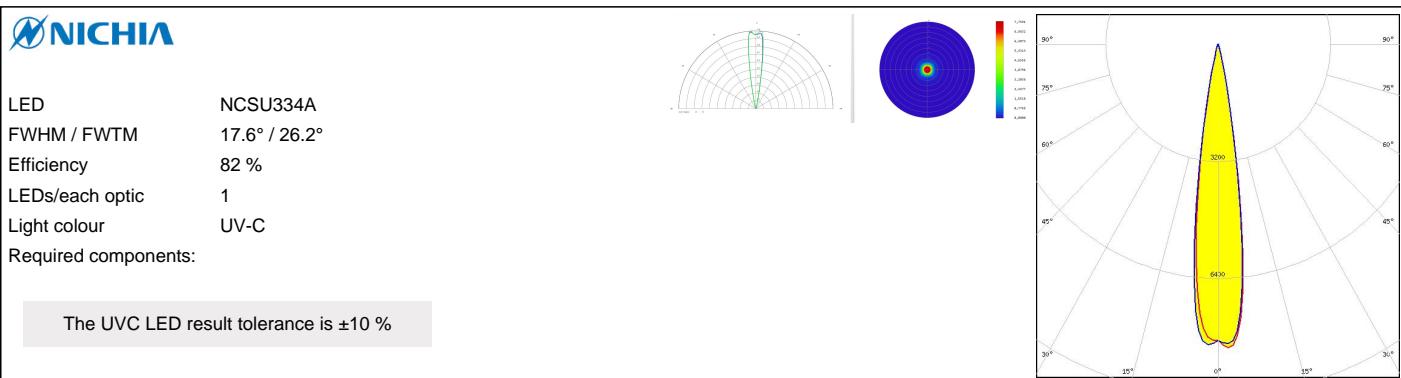
Required components:



### PHOTOMETRIC DATA (SIMULATED):



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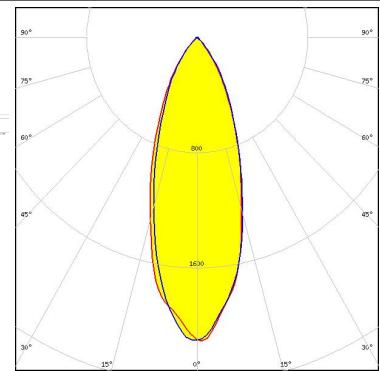
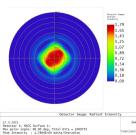
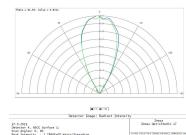


### PHOTOMETRIC DATA (SIMULATED):



LED	NVSU233B-D4
FWHM / FWTM	37.0° / 74.0°
Efficiency	93 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	UV-A

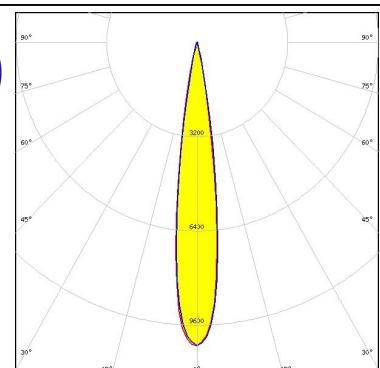
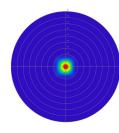
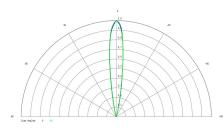
Required components:



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LED	OSLON UV 3636 (SU CULDN1.VC)
FWHM / FWTM	15.0° / 26.0°
Efficiency	82 %
LEDs/each optic	1
Light colour	UV-C

Required components:



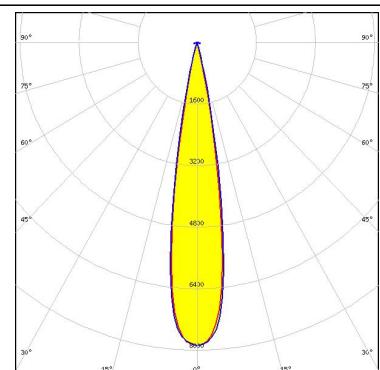
The UVC LED result tolerance is ±10 %



Opto Semiconductors

LED	OSTAR Projection Compact (Kx.CSLNM1.xx)
FWHM / FWTM	18.0° / 27.0°
Efficiency	90 %
Peak intensity	7.9 cd/lm
LEDs/each optic	1
Light colour	White

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:

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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