

VIOLETTA-S

~15° spot beam

TECHNICAL SPECIFICATIONS:

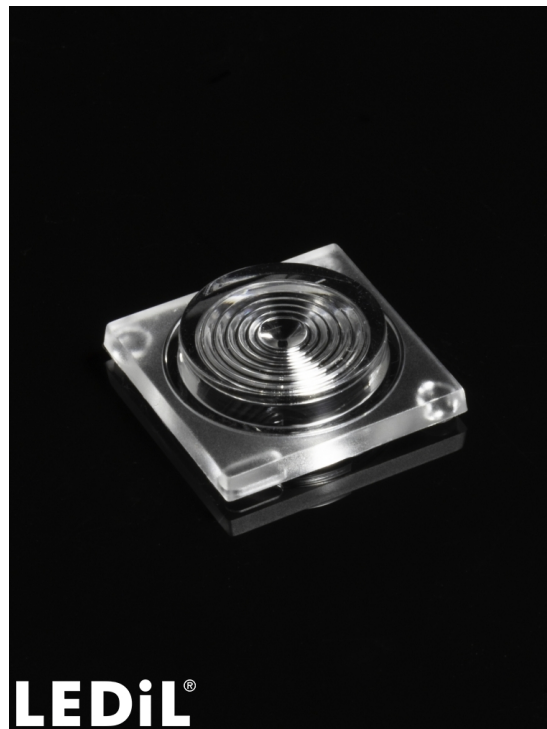
Dimensions	21.7 x 21.7 mm
Height	6.6 mm
Fastening	pin
ROHS compliant	yes ⓘ

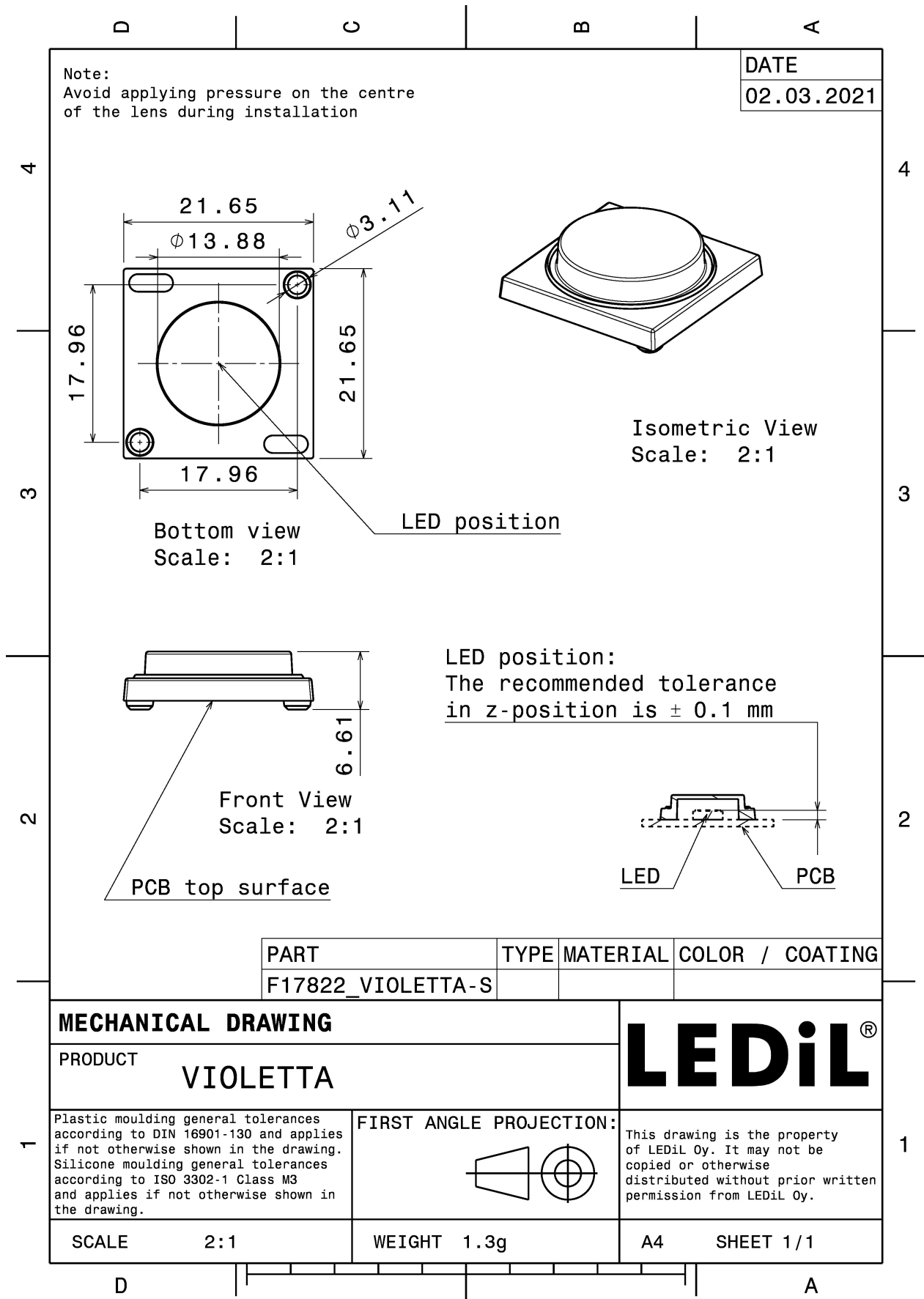
MATERIAL SPECIFICATIONS:

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

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 %



LED OSLOM 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 Opto Semiconductors

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

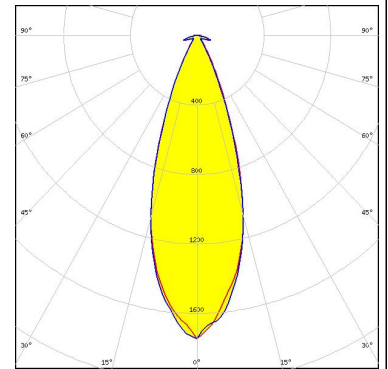
LED ZEUBE265 Series
FWHM / FWTM 22.0° / 45.0°
Efficiency 60 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

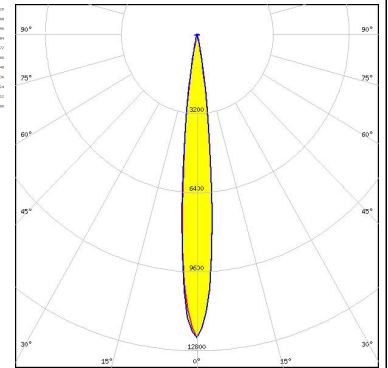
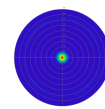
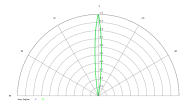
PHOTOMETRIC DATA (SIMULATED):



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:



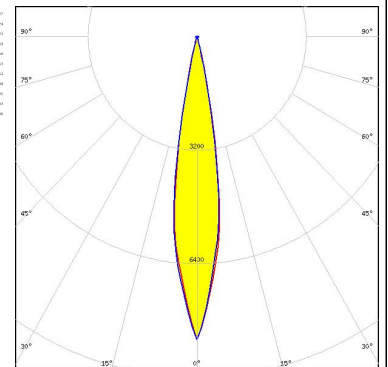
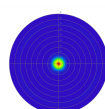
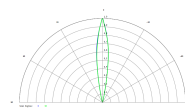
LED XBT-1313
FWHM / FWTM 9.4° / 19.0°
Efficiency 78 %
LEDs/each optic 1
Light colour UV-C
Required components:



The UVC LED result tolerance is ± 10 %



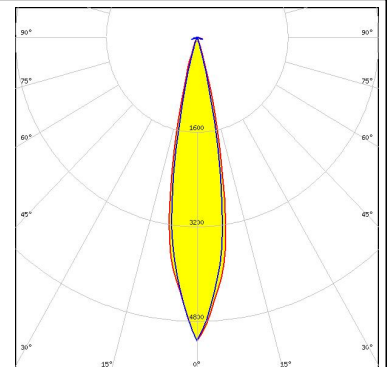
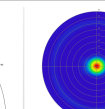
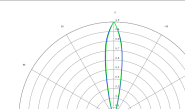
LED XBT-3535-UV
FWHM / FWTM 16.0° / 25.0°
Efficiency 81 %
LEDs/each optic 1
Light colour UV-C
Required components:



The UVC LED result tolerance is ± 10 %

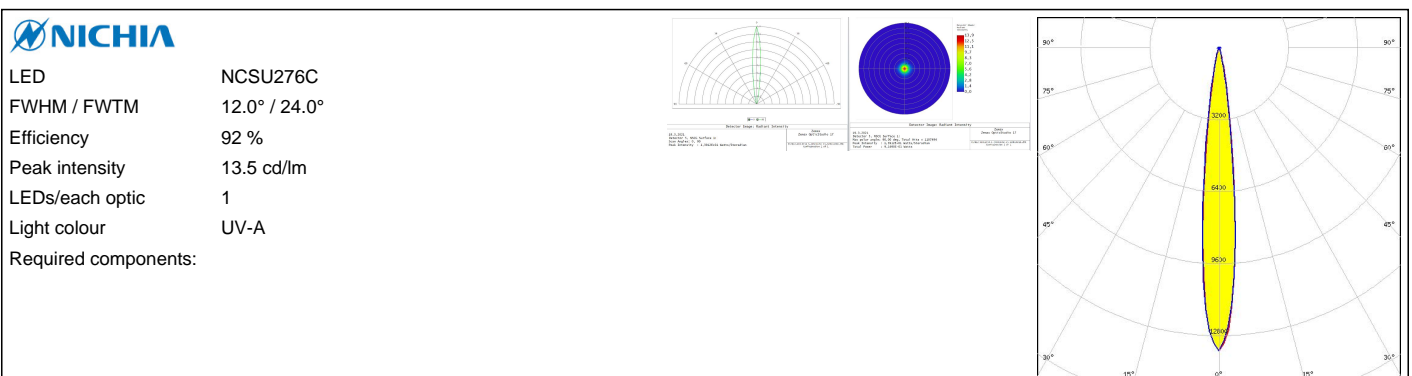
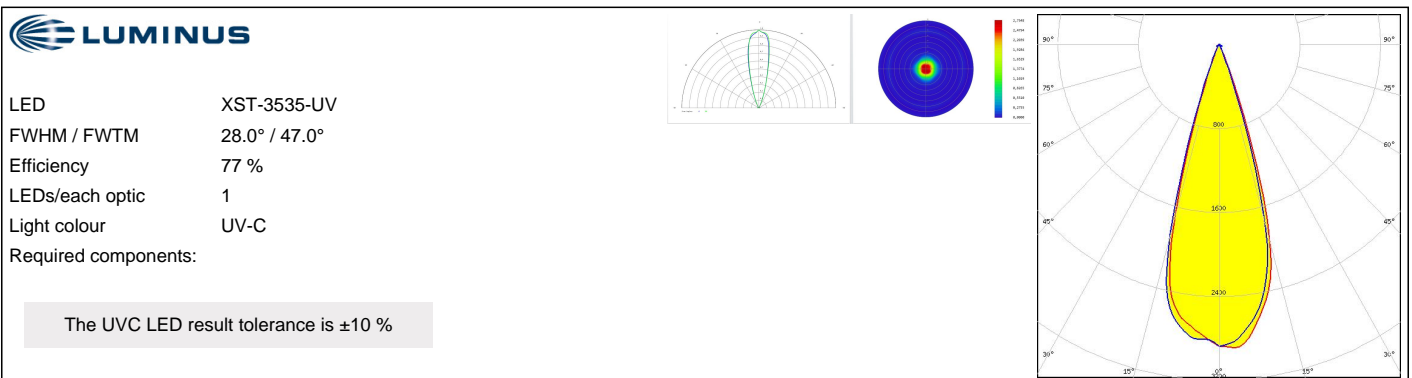
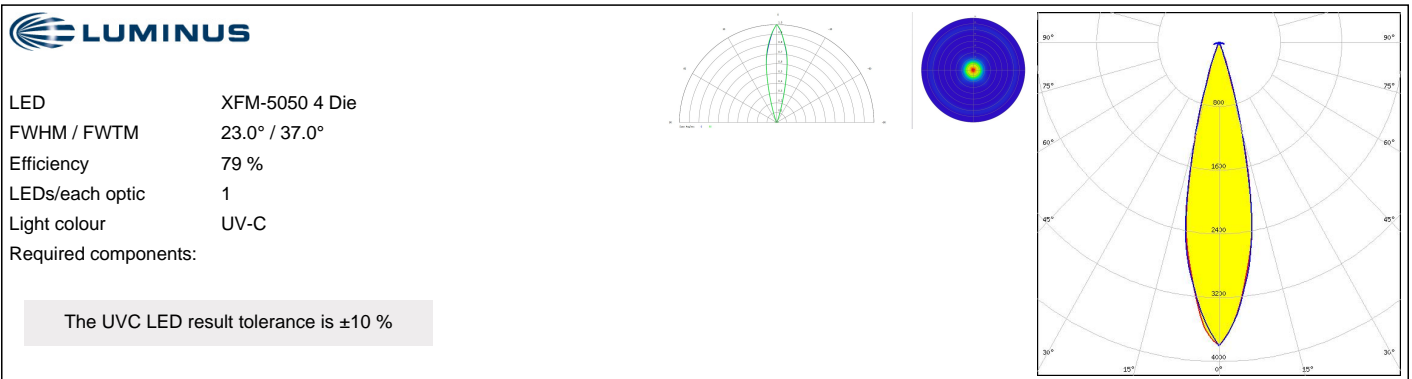
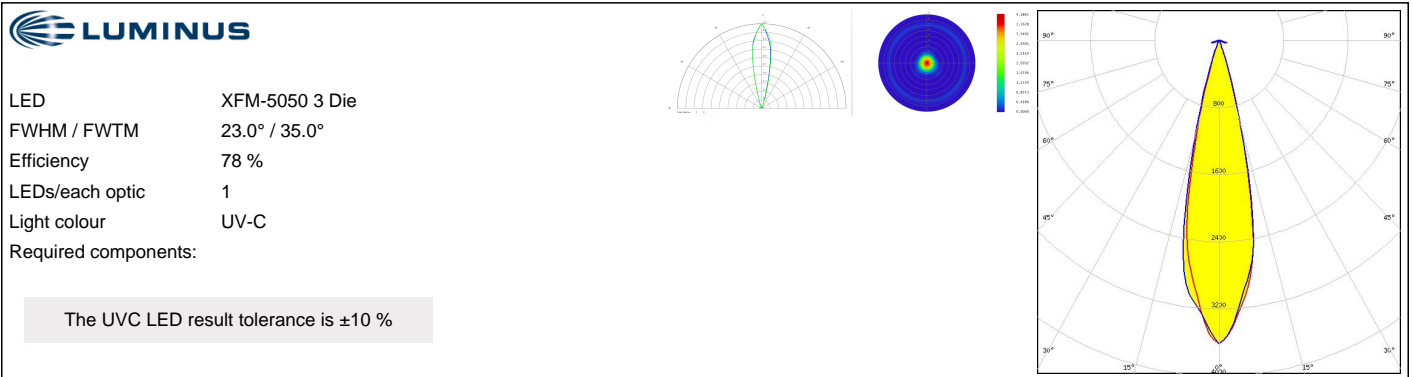


LED XFM-5050 2 Die
FWHM / FWTM 19.0° / 33.0°
Efficiency 78 %
LEDs/each optic 1
Light colour UV-C
Required components:

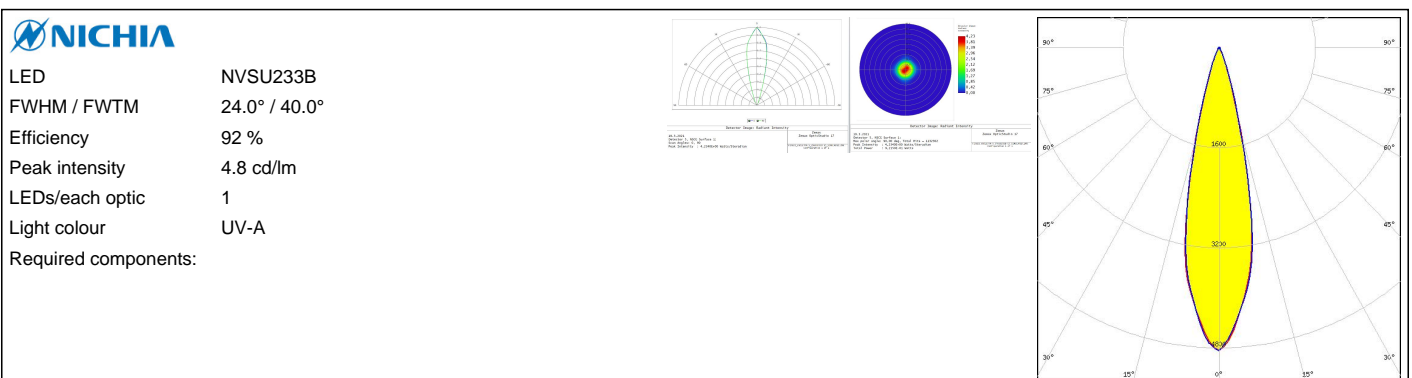
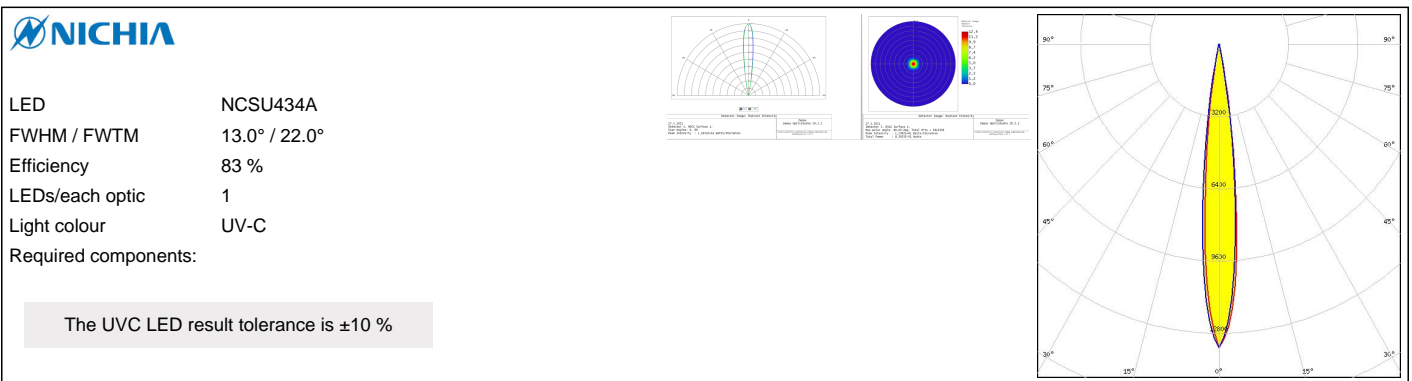
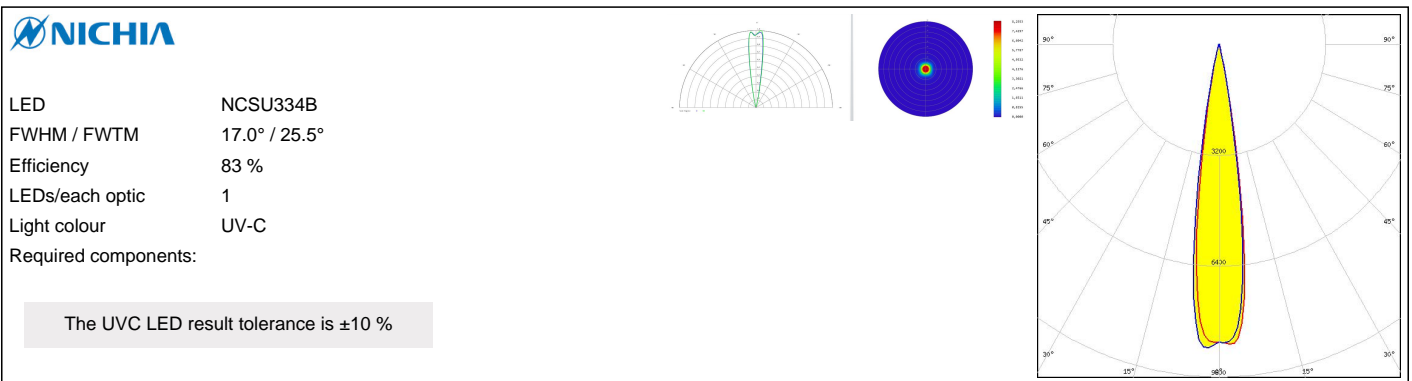
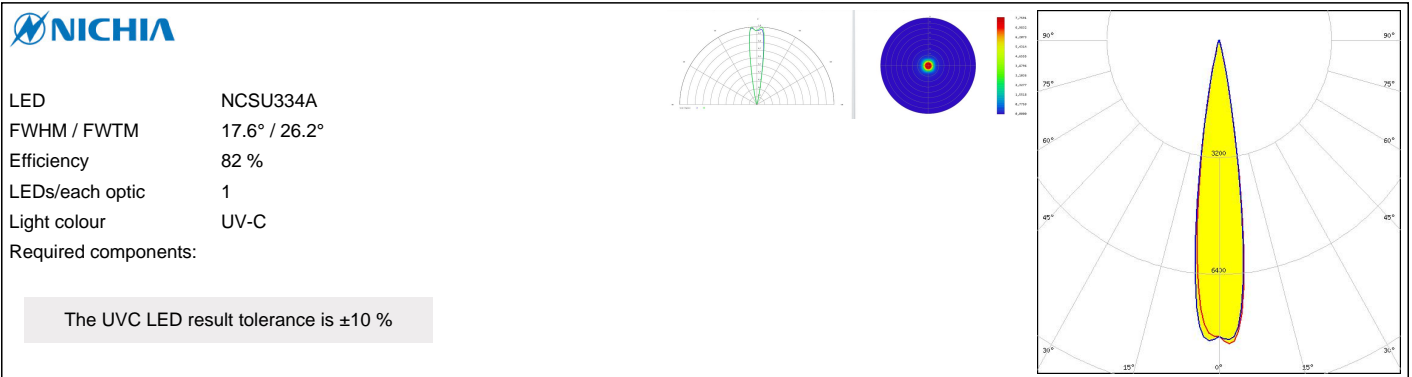


The UVC LED result tolerance is ± 10 %

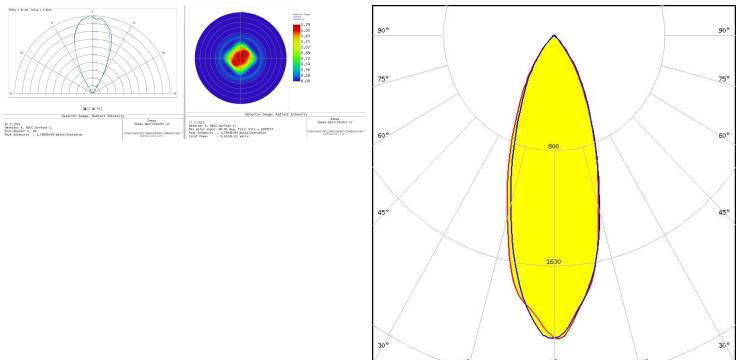
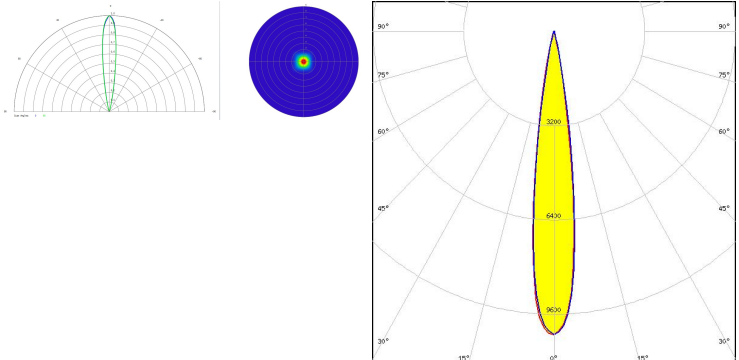
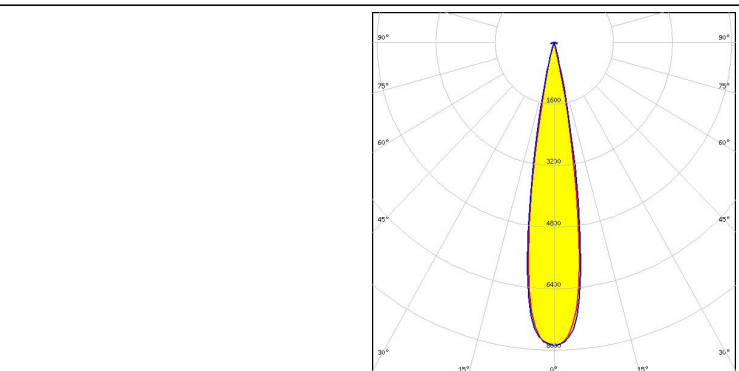
PHOTOMETRIC DATA (SIMULATED):



PHOTOMETRIC DATA (SIMULATED):



PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED NVSU233B-D4</p> <p>FWHM / FWTM 37.0° / 74.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour UV-A</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM UV 3636 (SU CULDN1.VC)</p> <p>FWHM / FWTM 15.0° / 26.0°</p> <p>Efficiency 82 %</p> <p>LEDs/each optic 1</p> <p>Light colour UV-C</p> <p>Required components:</p> <p>The UVC LED result tolerance is ±10 %</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSTAR Projection Compact (Kx.CSLNM1.xx)</p> <p>FWHM / FWTM 18.0° / 27.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 7.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

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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