

VIOLETTA-S

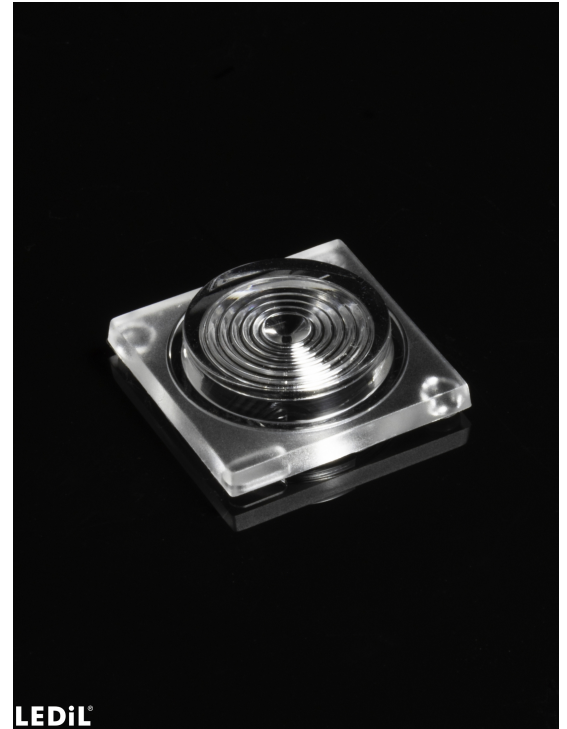
~15° spot beam

SPECIFICATION:

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

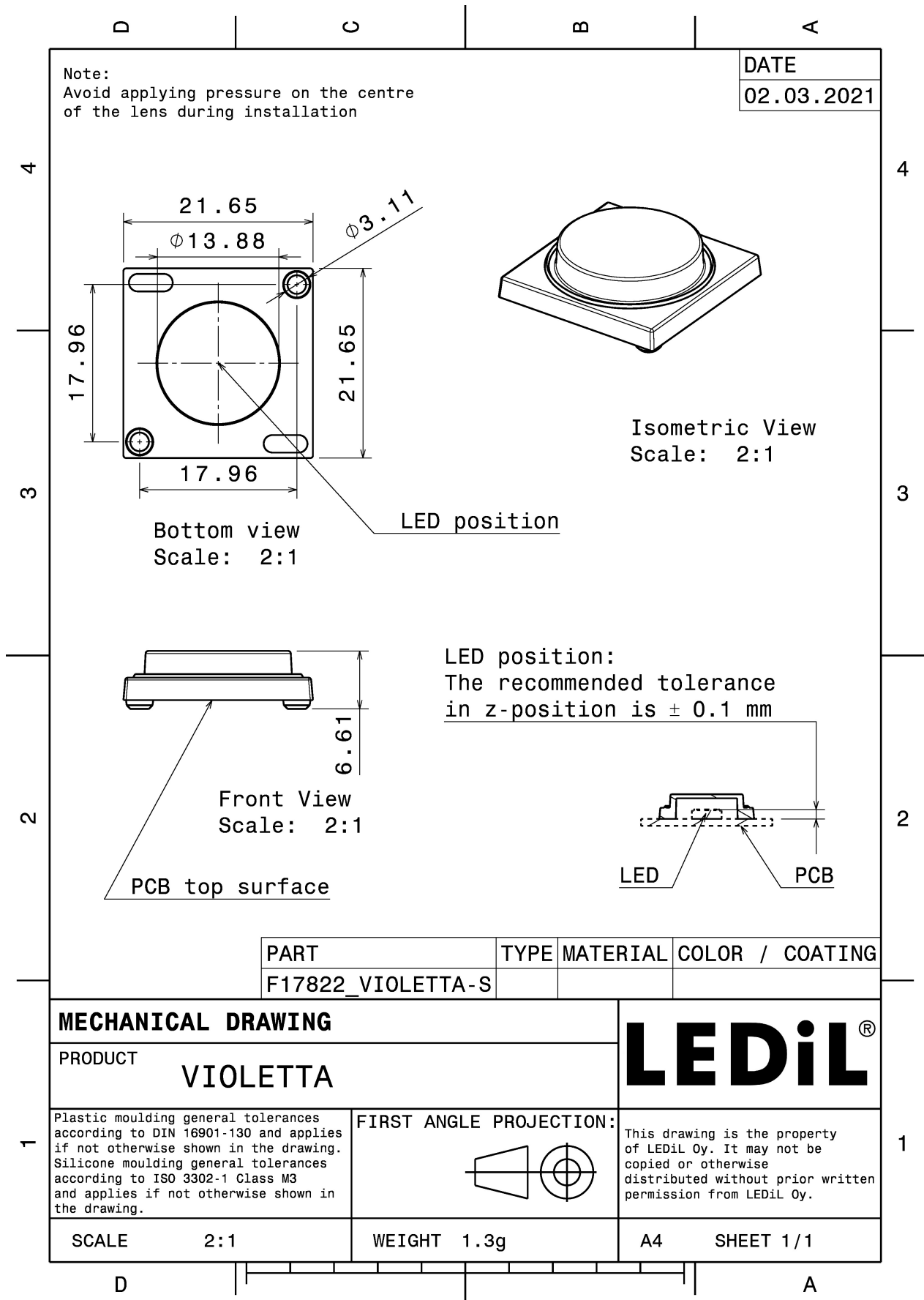
MATERIALS:

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

OPTICAL RESULTS (MEASURED):



LED Bolb UV-C 6060 SMD
FWHM / FWTM 20.0° / 41.0°
Efficiency 56 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



LED CLH-N3S
FWHM / FWTM 19.0° / 45.0°
Efficiency 73 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



LED KL265-50V-SM-WD
FWHM / FWTM 15.0° / 32.0°
Efficiency 52 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



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 %

OPTICAL RESULTS (MEASURED):



LED XFM-5050 2 Die
FWHM / FWTM 29.0° / 53.0°
Efficiency 56 %
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 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 %



Opto Semiconductors

LED OSLOM 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 %

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON UV 6060 (SU CZHEF1.VC)
FWHM / FWTM 20.0° / 35.0°
Efficiency 61 %
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 %

SAMSUNG

LED UV351A
FWHM / FWTM 10.0° / 22.0°
Efficiency 64 %
LEDs/each optic 1
Light colour UV-C

Required components:

The UVC LED result tolerance is ± 10 %

SAMSUNG

LED UV351B
FWHM / FWTM 10.0° / 24.0°
Efficiency 64 %
LEDs/each optic 1
Light colour UV-C

Required components:

The UVC LED result tolerance is ± 10 %

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED UV352B
FWHM / FWTM 10.0° / 22.0°
Efficiency 63 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

SAMSUNG

LED UV353B
FWHM / FWTM 14.0° / 31.0°
Efficiency 63 %
LEDs/each optic 1
Light colour UV-C
Required components:

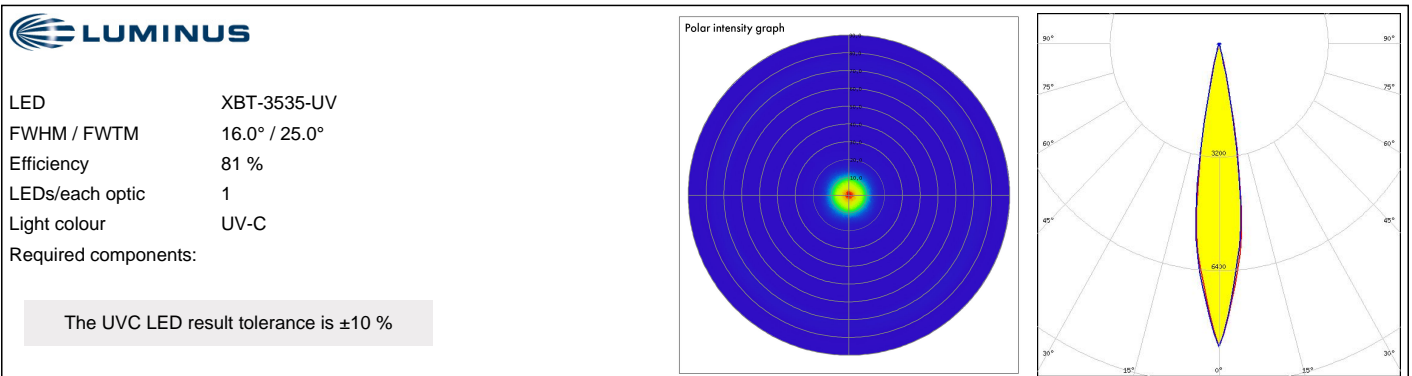
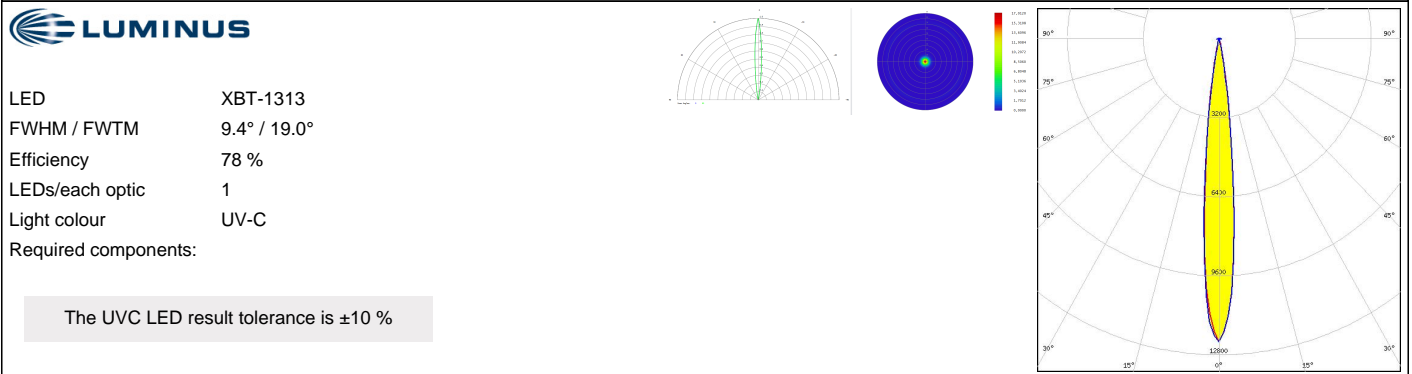
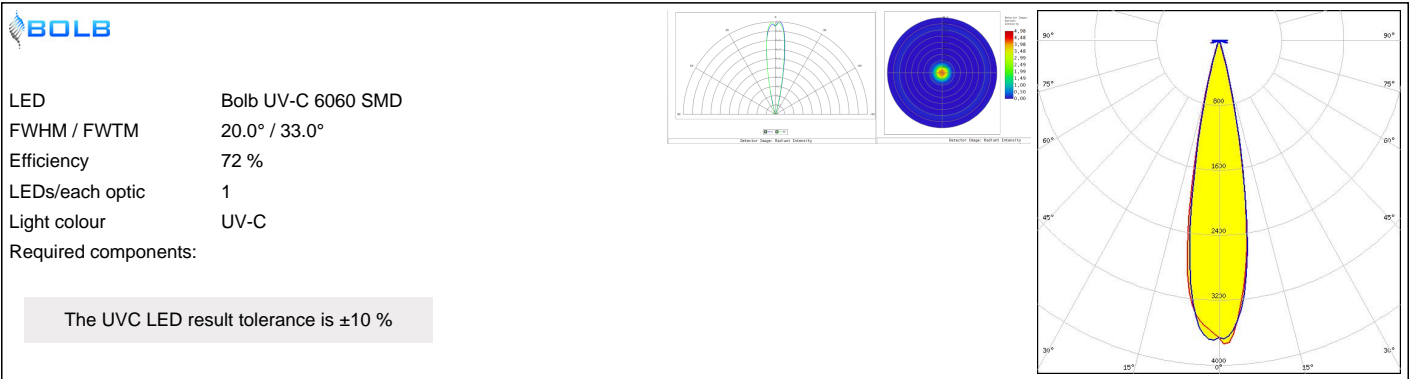
The UVC LED result tolerance is ± 10 %

STANLEY

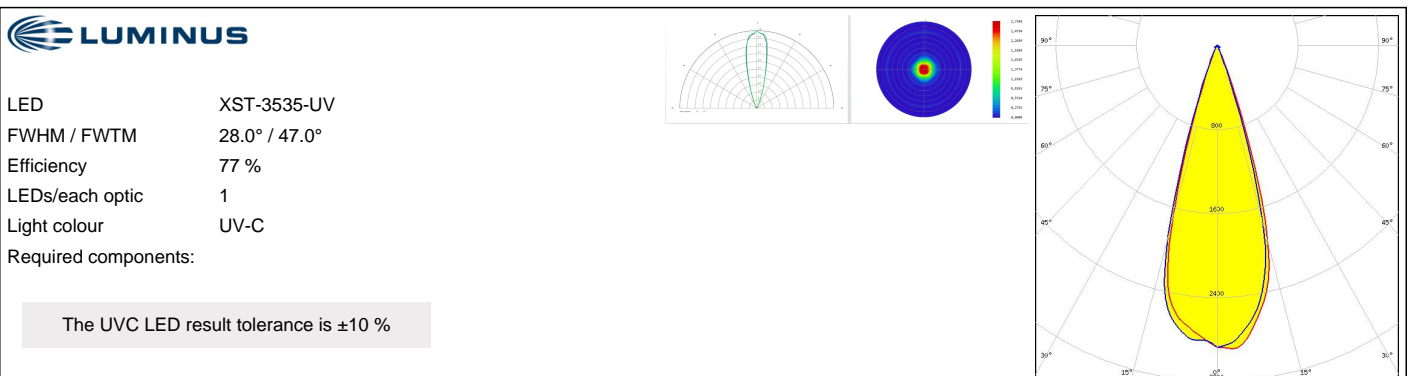
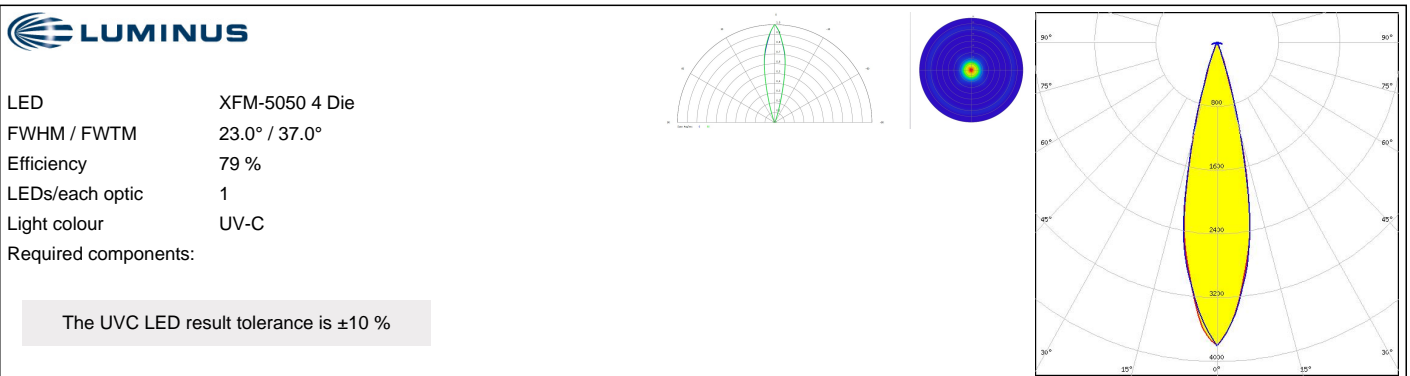
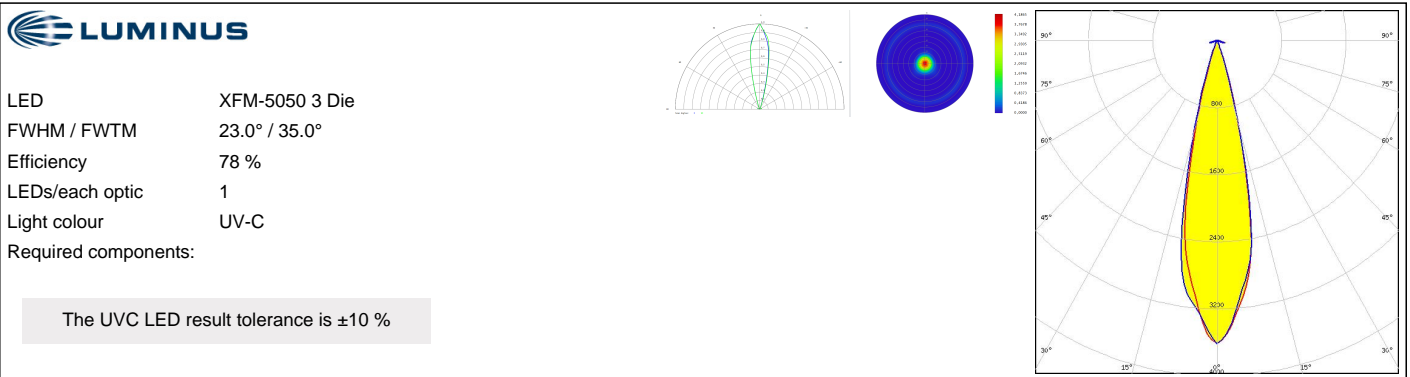
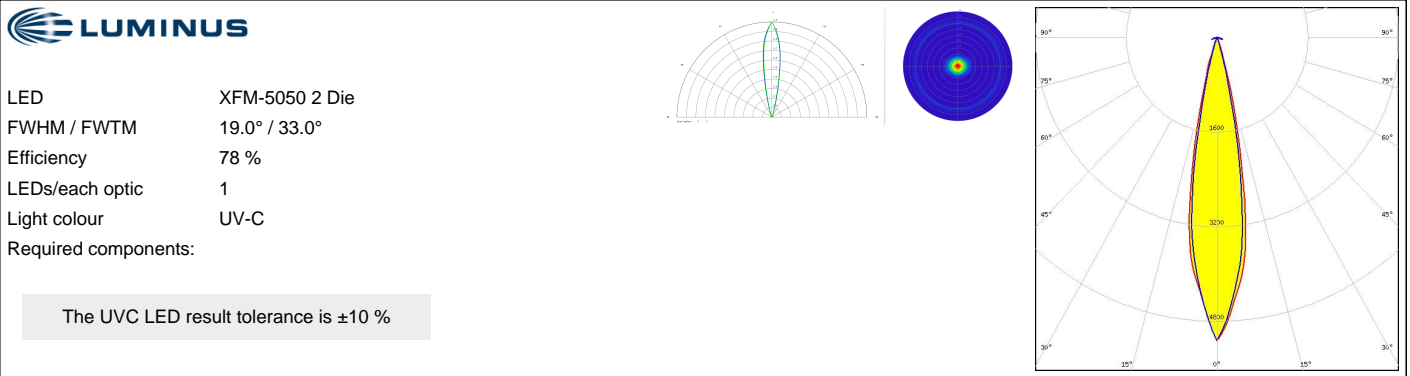
LED ZEUBE265 Series
FWHM / FWTM 22.0° / 45.0°
Efficiency 60 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

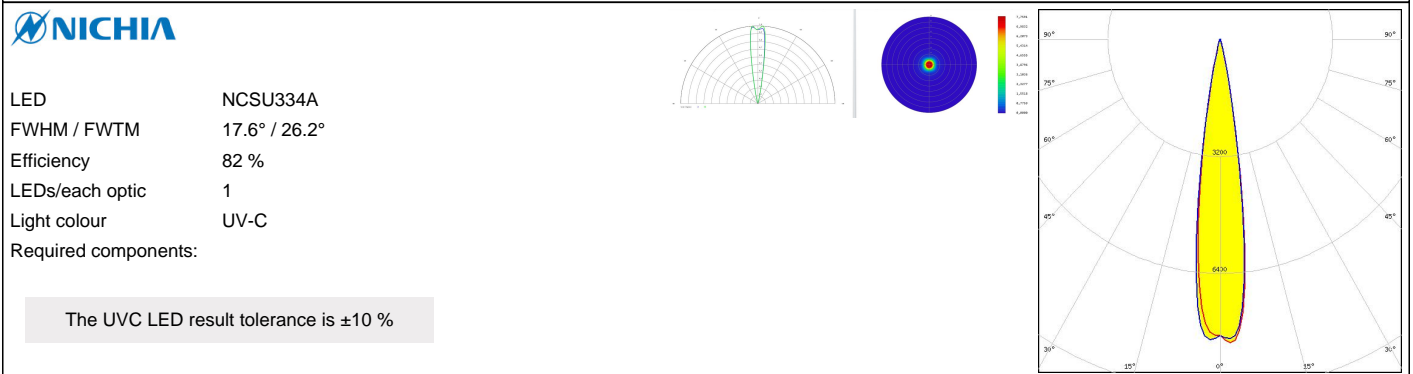
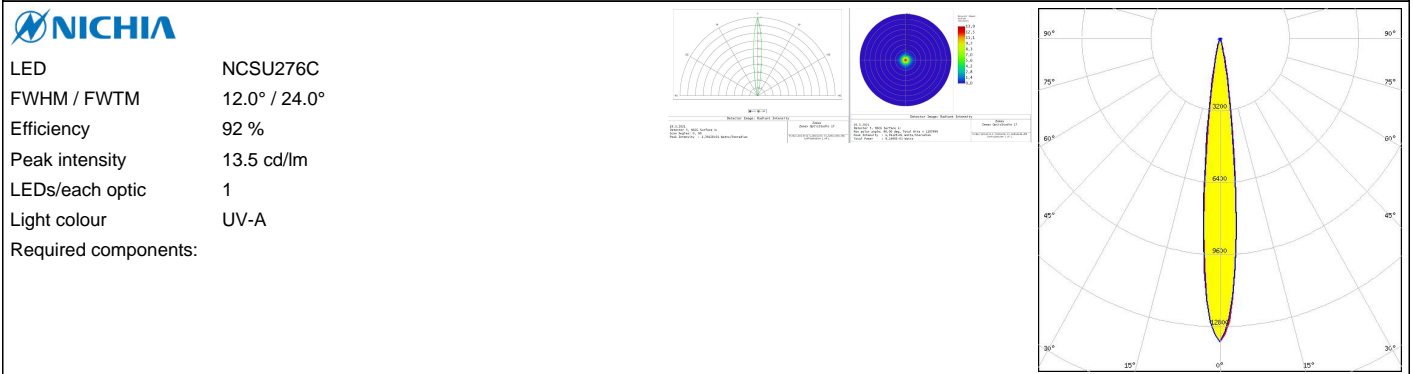
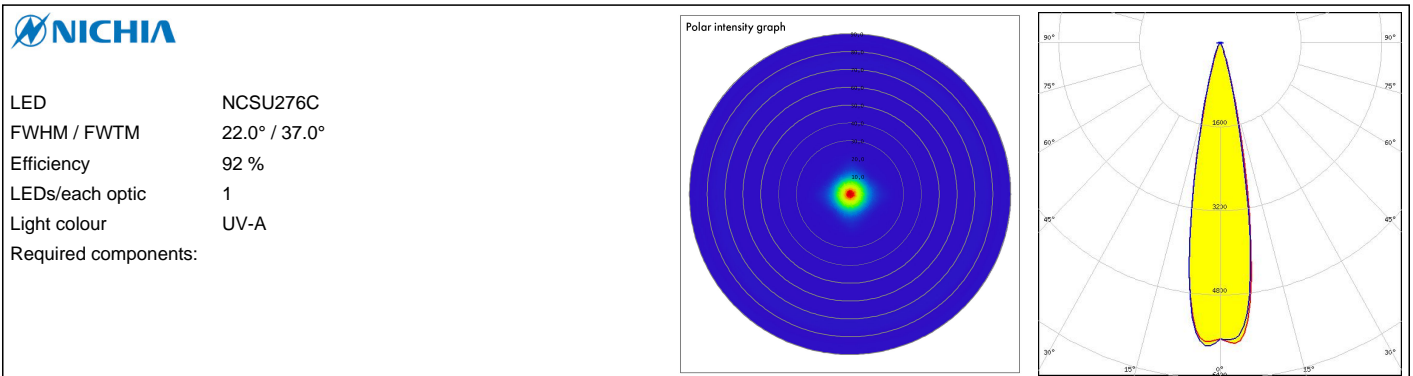
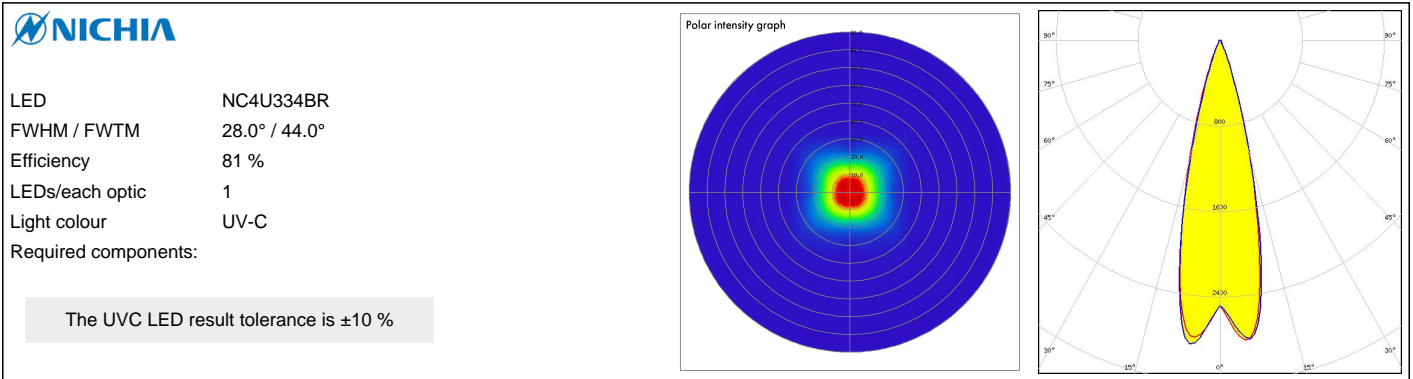
OPTICAL RESULTS (SIMULATED):



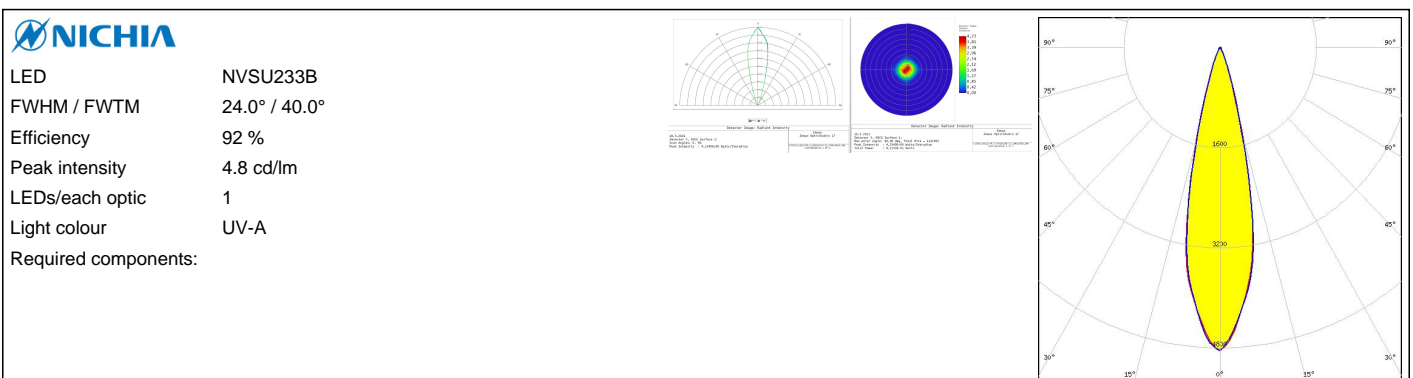
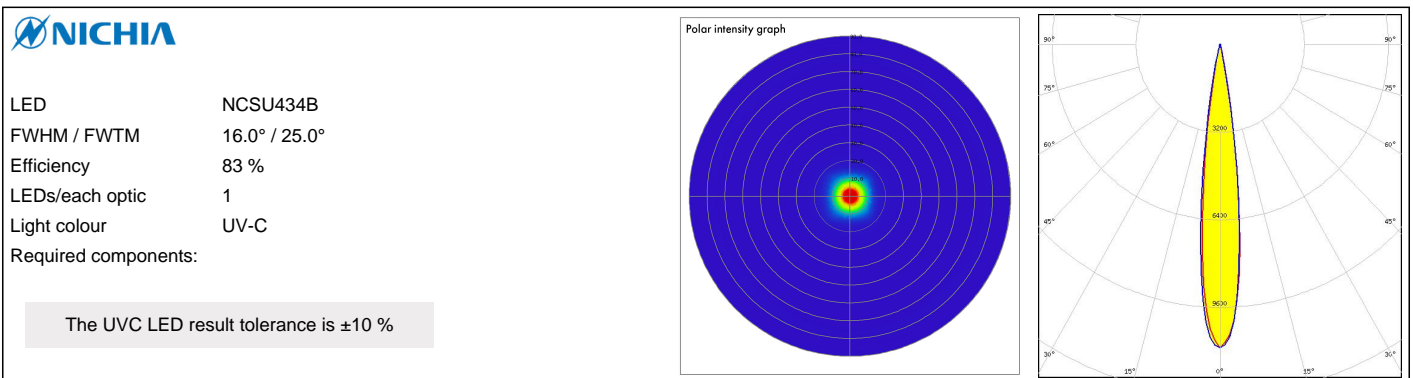
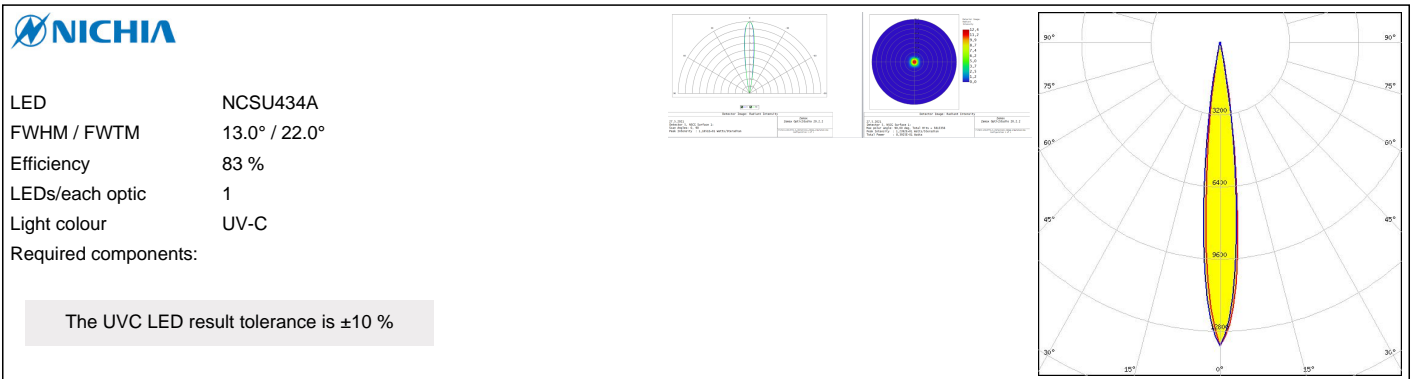
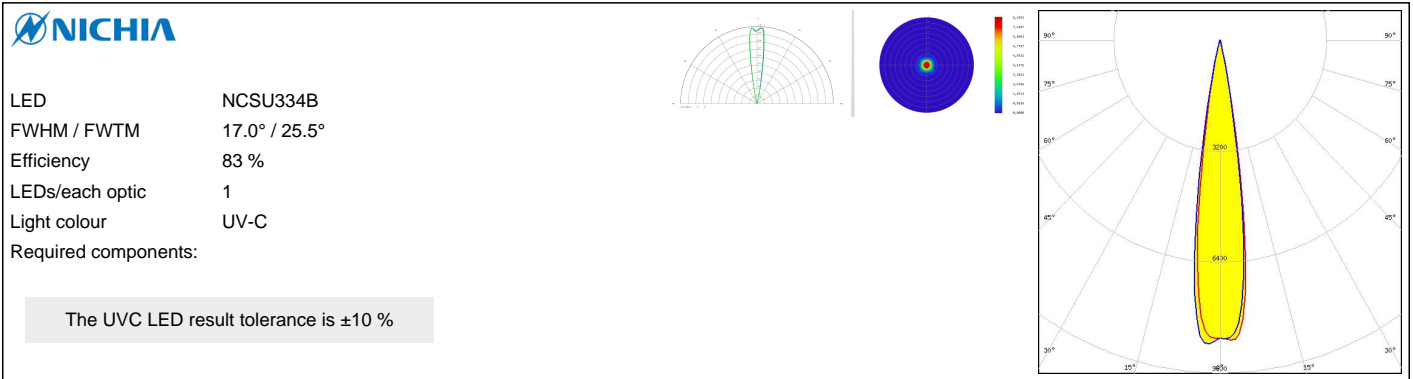
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):



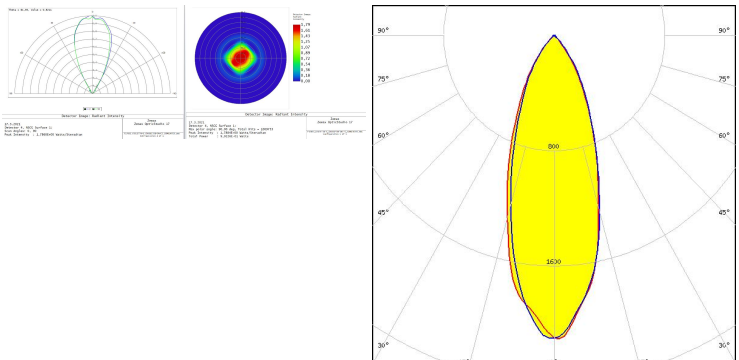
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

NICHIA

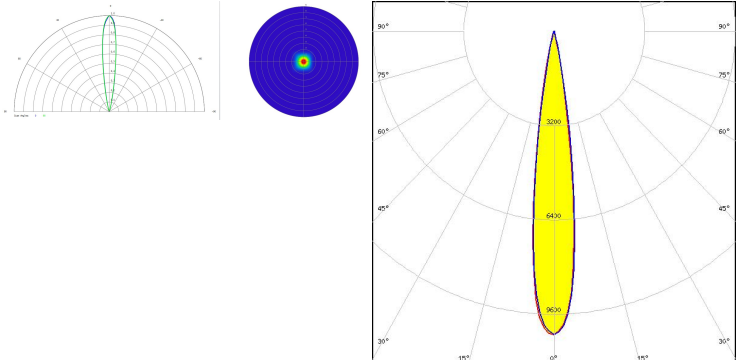
LED	NVSU233B-D4
FWHM / FWTM	37.0° / 74.0°
Efficiency	93 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	UV-A
Required components:	



OSRAM
Opto Semiconductors

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 %

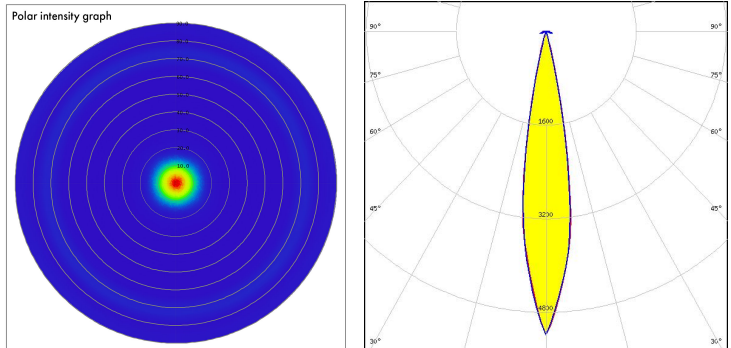


OSRAM
Opto Semiconductors

LED	OSLON UV 6060 (SU CZHEF1.VC)
FWHM / FWTM	17.0° / 28.0°
Efficiency	71 %
LEDs/each optic	1
Light colour	UV-C
Required components:	

The UVC LED result tolerance is ± 10 %

Polar intensity graph

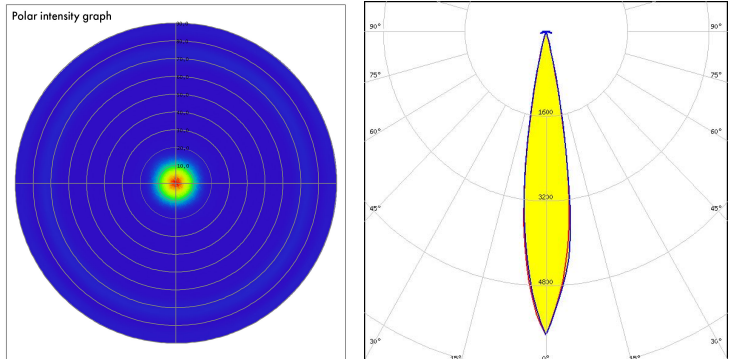


OSRAM
Opto Semiconductors

LED	OSLON UV 6060 (SU CZHPF1.VC)
FWHM / FWTM	16.0° / 27.0°
Efficiency	74 %
LEDs/each optic	1
Light colour	UV-C
Required components:	

The UVC LED result tolerance is ± 10 %

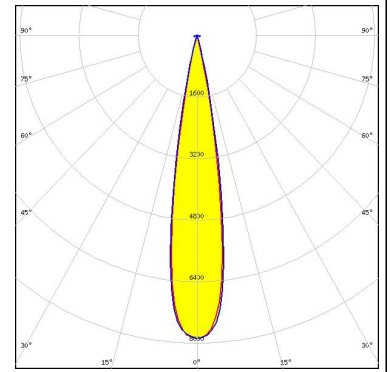
Polar intensity graph



OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSTAR Projection Compact (KW.CSLNM1.TG)
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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