

VIOLET-12X1-RS

~14° 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 ⓘ

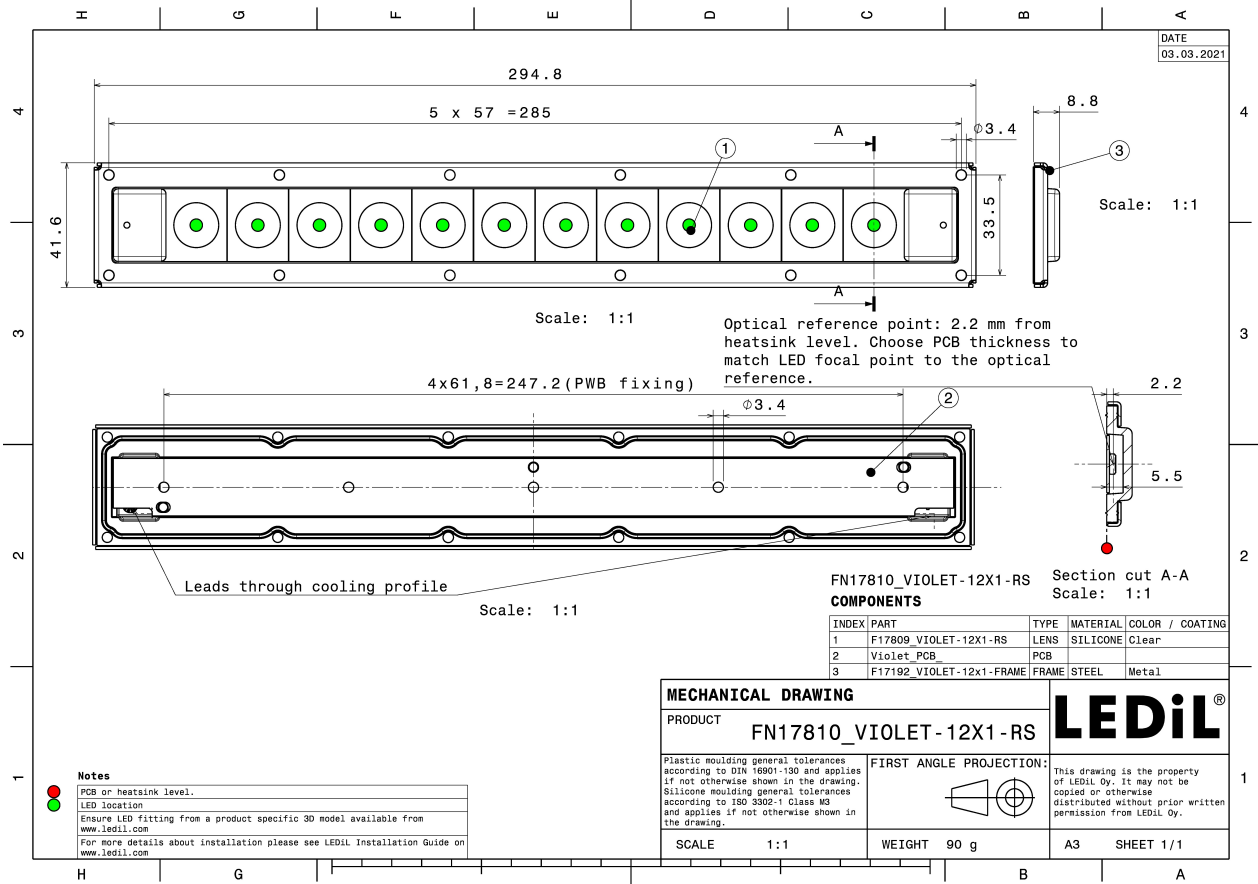
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
VIOLET-12X1-RS	Multi-lens	Silicone	clear	
VIOLET-12X1-FRAME	Accessory	Stainless steel	metal	



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FN17810_VIOLET-12X1-RS	Multi-lens	78	26	26	8.0
» Box size: 398 x 298 x 150 mm					



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 18.0° / 38.0°
Efficiency 64 %
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 13.0° / 29.0°
Efficiency 60 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



LED 110384-GC VIOLET
FWHM / FWTM 12.0° / 24.0°
Efficiency 68 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



LED 110384-GM VIOLET
FWHM / FWTM 14.0° / 30.0°
Efficiency 68 %
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 12.0° / 20.0°
Efficiency 65 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

LITEON

LED LTPL-G35UV275GR-E
FWHM / FWTM 13.0° / 27.0°
Efficiency 64 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

LITEON

LED LTPL-G35UVC275GH
FWHM / FWTM 14.0° / 32.0°
Efficiency 65 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

LITEON

LED LTPL-G35UVC275GZ
FWHM / FWTM 14.0° / 32.0°
Efficiency 65 %
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 12.0° / 29.0°
Efficiency 68 %
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° / 41.0°
Efficiency 60 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



LED XFM-5050 2 Die
FWHM / FWTM 23.0° / 46.0°
Efficiency 62 %
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° / 47.0°
Efficiency 58 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

PHOTOMETRIC DATA (MEASURED):



LED XST-3535-UV
FWHM / FWTM 22.0° / 42.0°
Efficiency 64 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



LED NCSU334B
FWHM / FWTM 17.0° / 36.0°
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 15.0° / 30.0°
Efficiency 61 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



SEOUL SEMICONDUCTOR

LED CUD7QF1A
FWHM / FWTM 14.0° / 28.0°
Efficiency 69 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

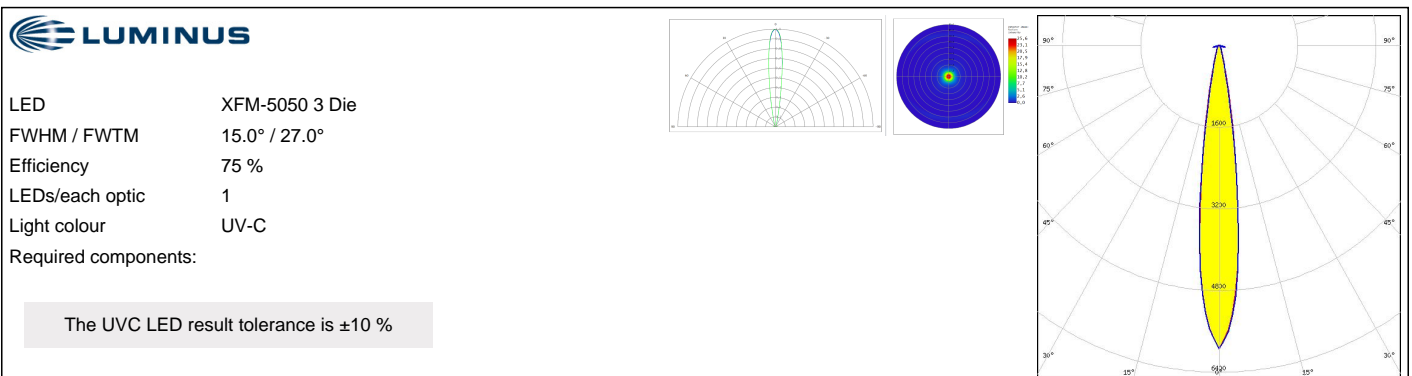
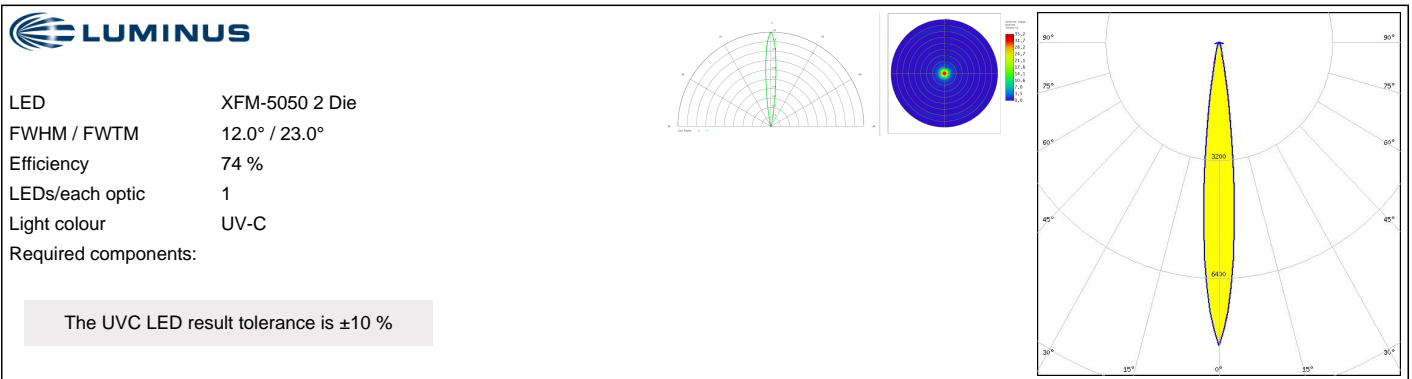
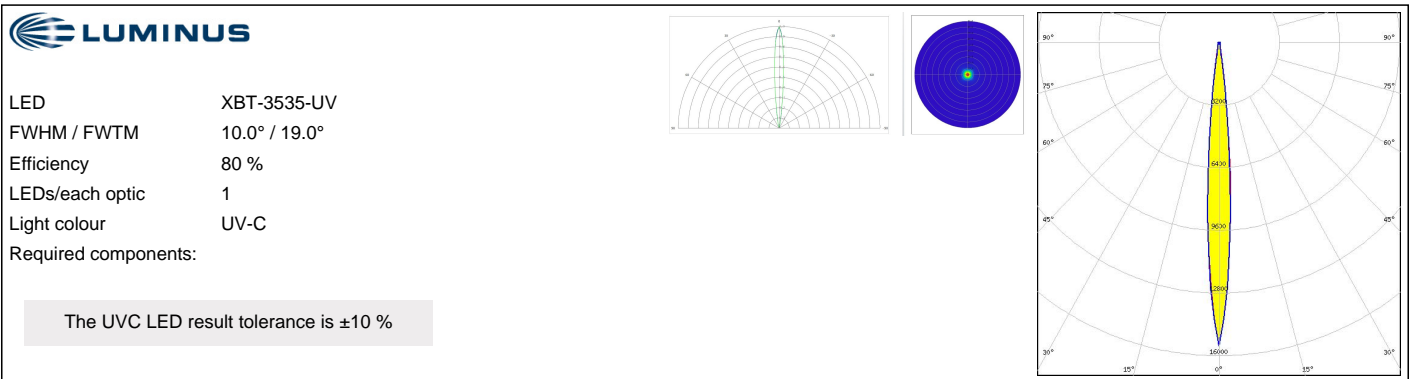
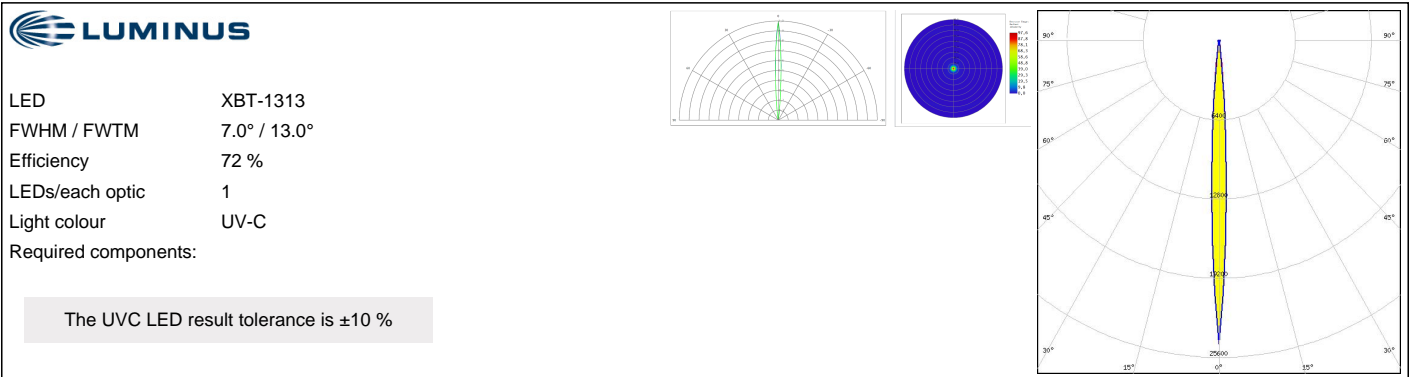
PHOTOMETRIC DATA (MEASURED):

SEOL SEMICONDUCTOR	
LED	XMD-FBC-LLCA
FWHM / FWTM	16.0° / 34.0°
Efficiency	55 %
LEDs/each optic	1
Light colour	UV-C
Required components:	
The UVC LED result tolerance is ± 10 %	

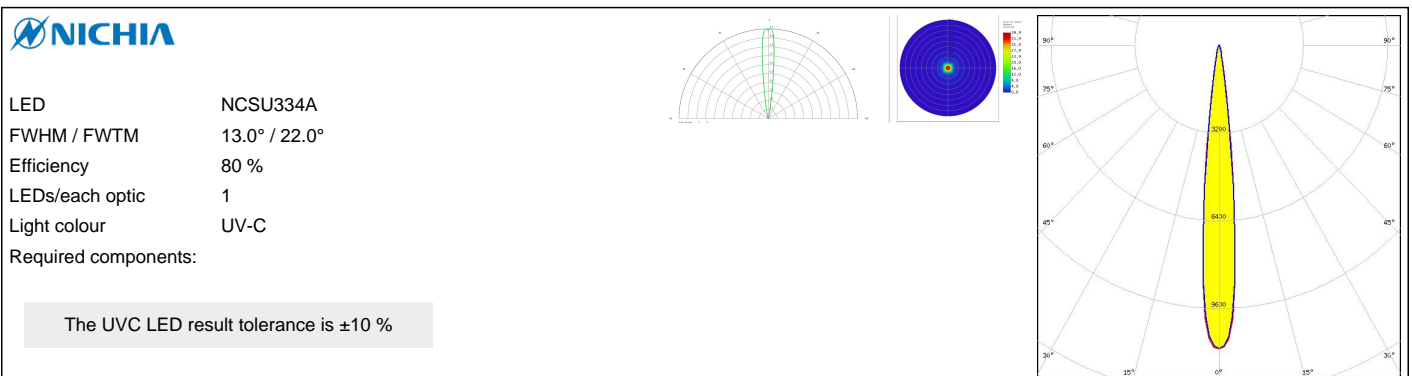
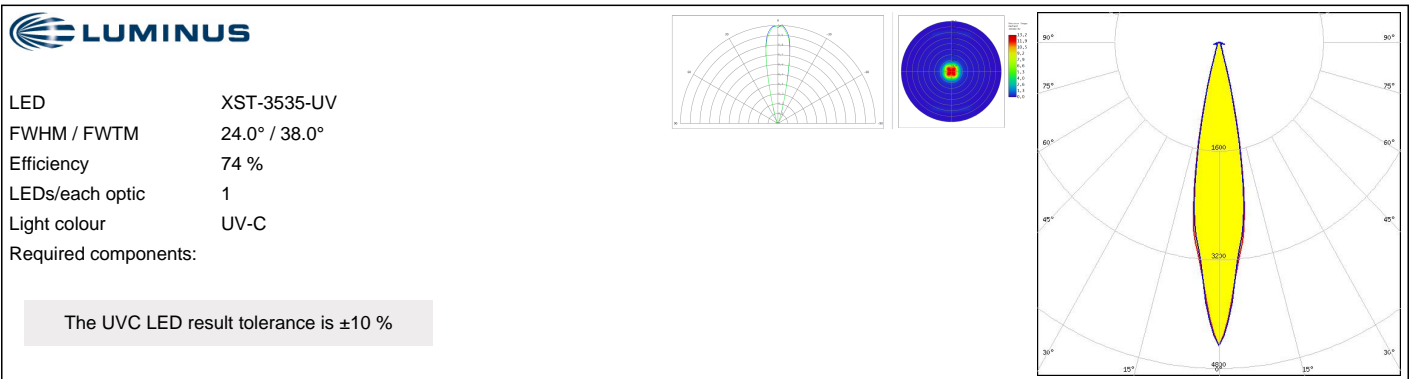
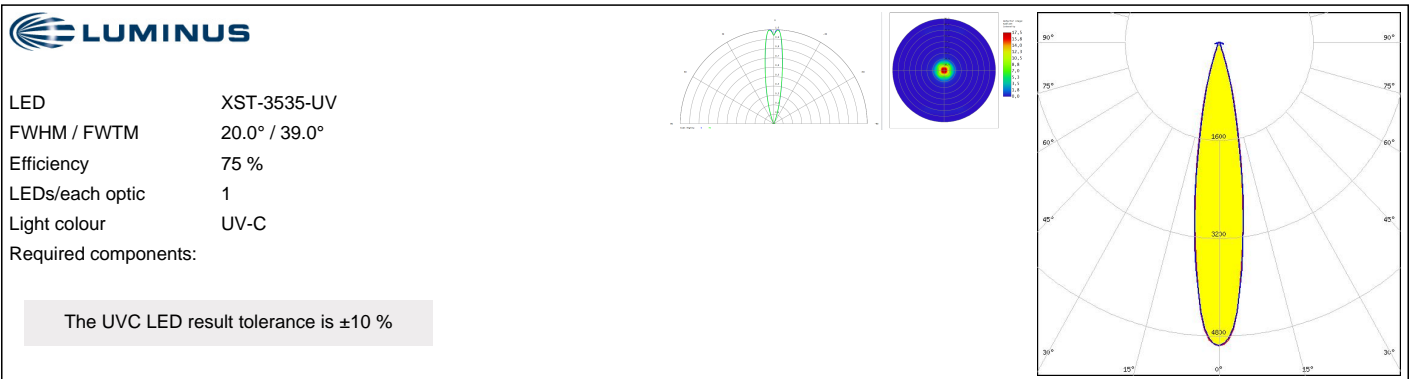
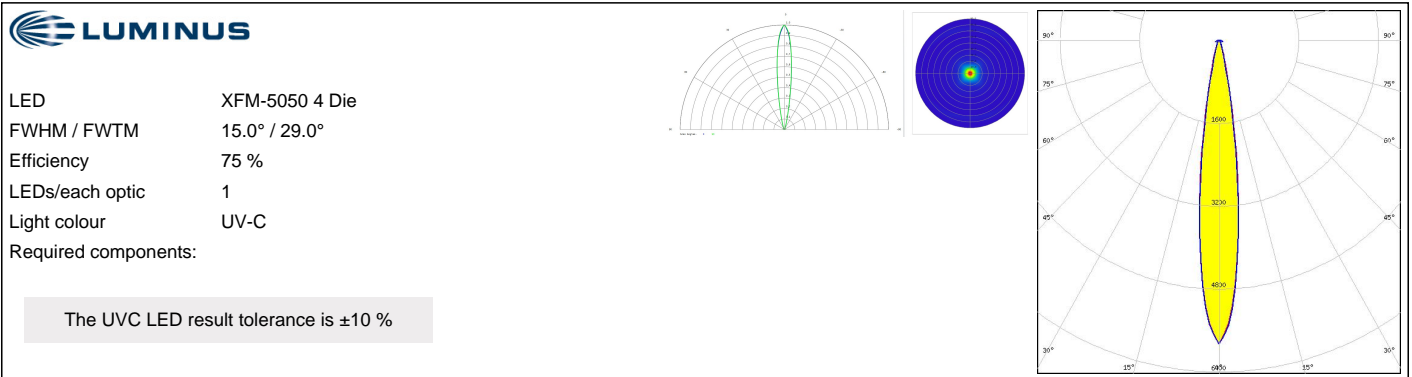
SEOL SEMICONDUCTOR	
LED	XMD-FBC-LLOA
FWHM / FWTM	31.0° / 51.0°
Efficiency	67 %
LEDs/each optic	2
Light colour	UV-C
Required components:	
The UVC LED result tolerance is ± 10 %	

SEOL SEMICONDUCTOR	
LED	XMD-FBC-LLVA
FWHM / FWTM	31.0° / 63.0°
Efficiency	63 %
LEDs/each optic	4
Light colour	UV-C
Required components:	
The UVC LED result tolerance is ± 10 %	

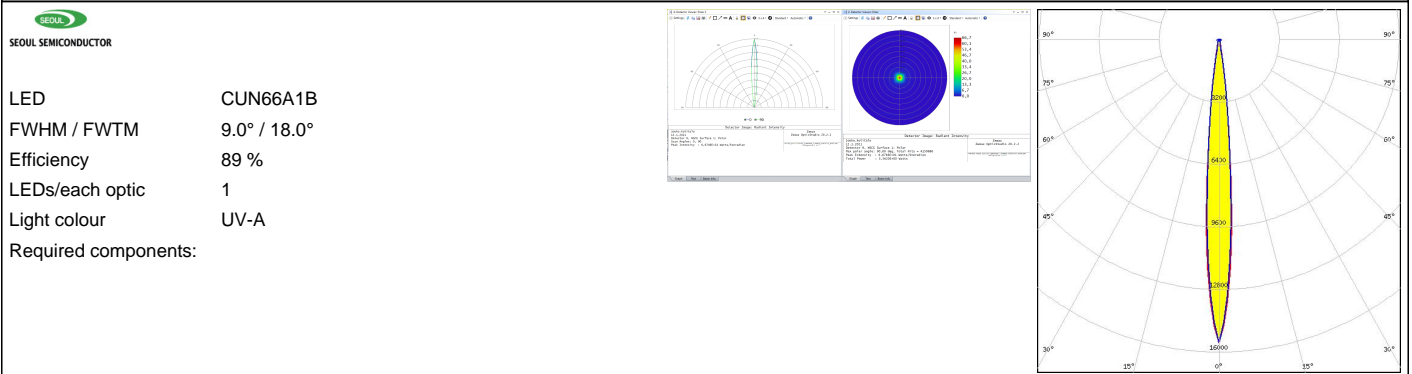
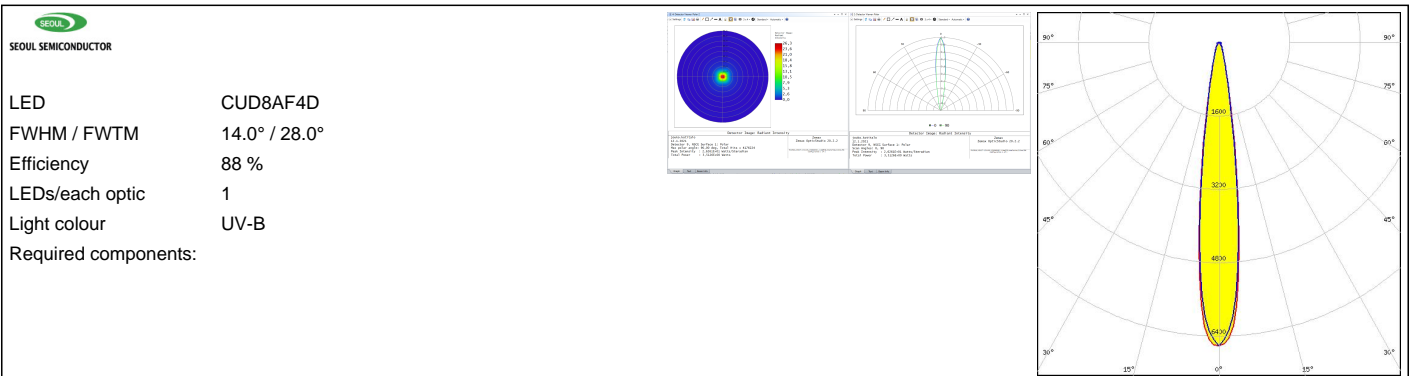
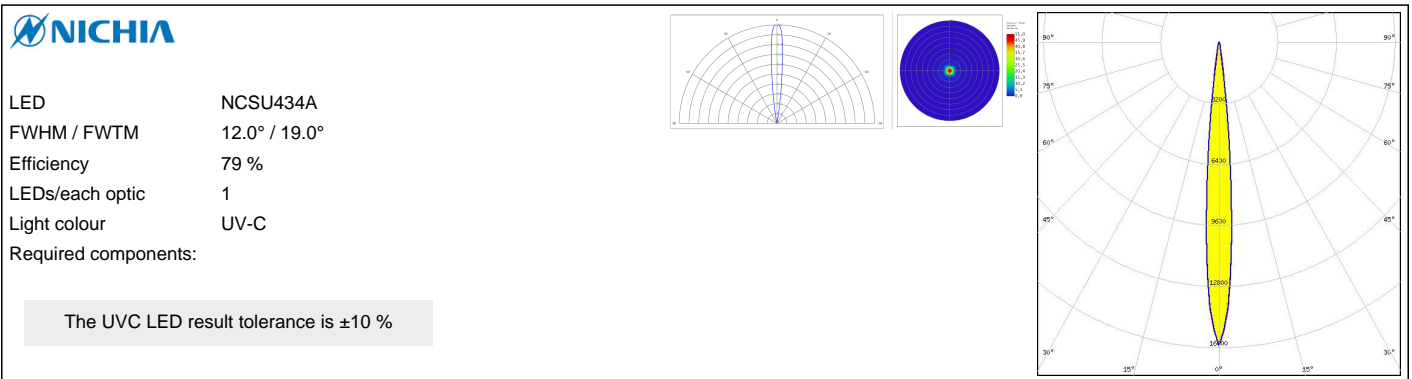
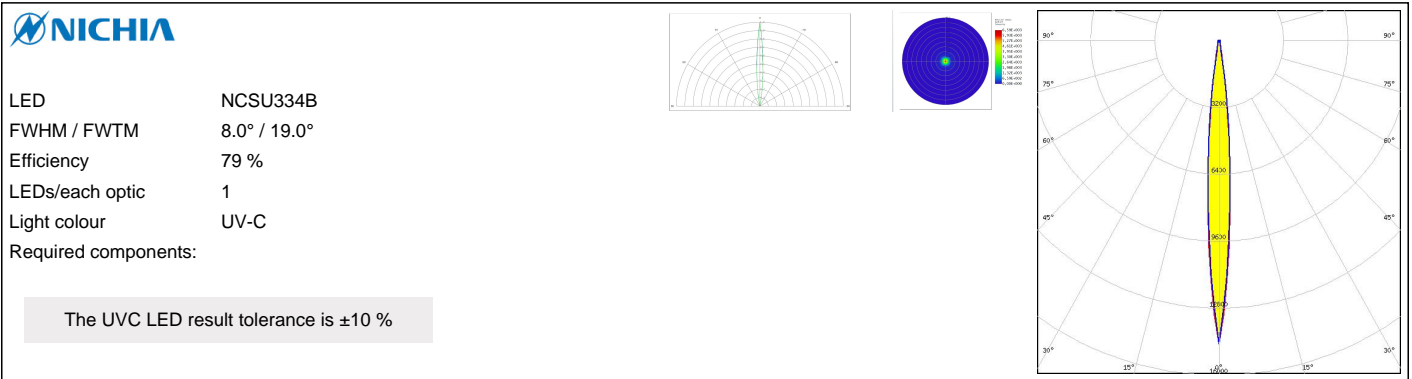
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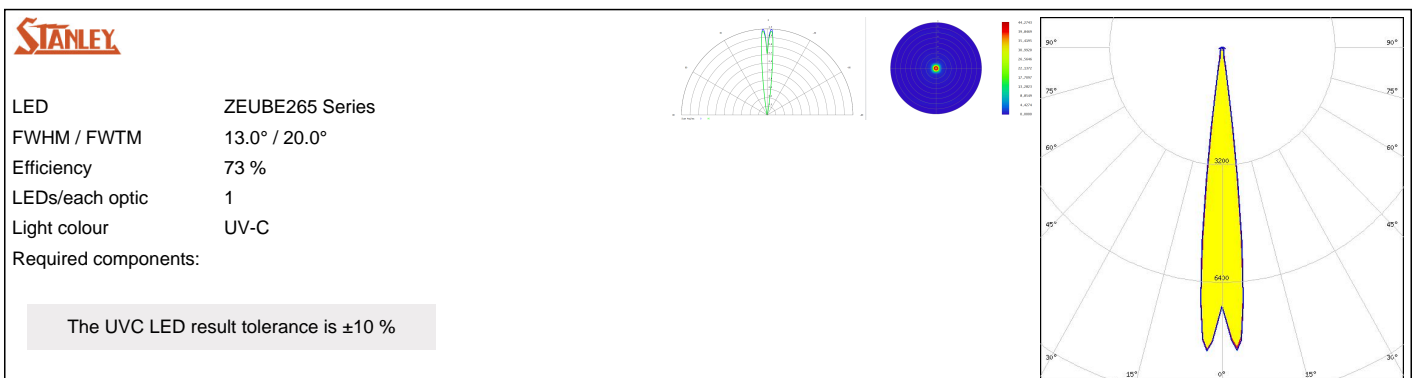
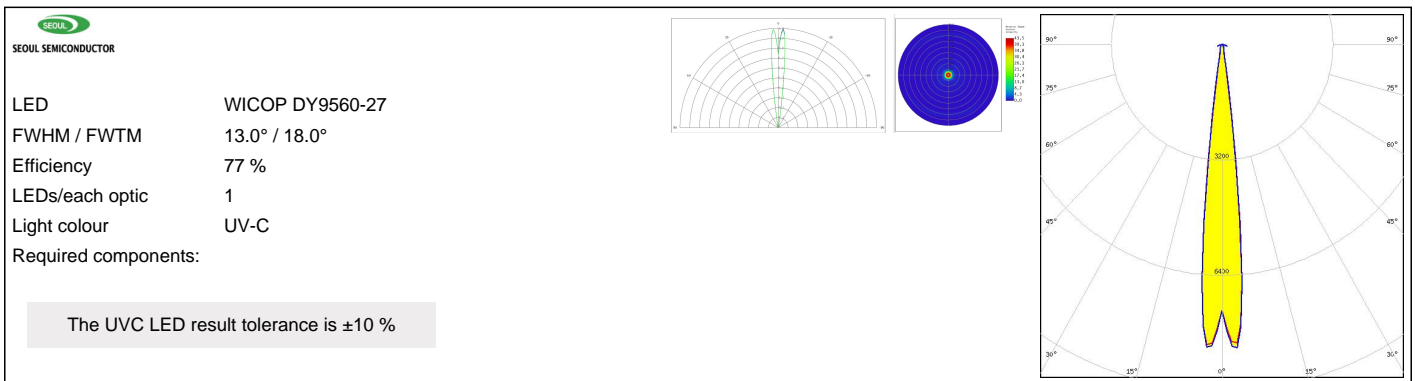
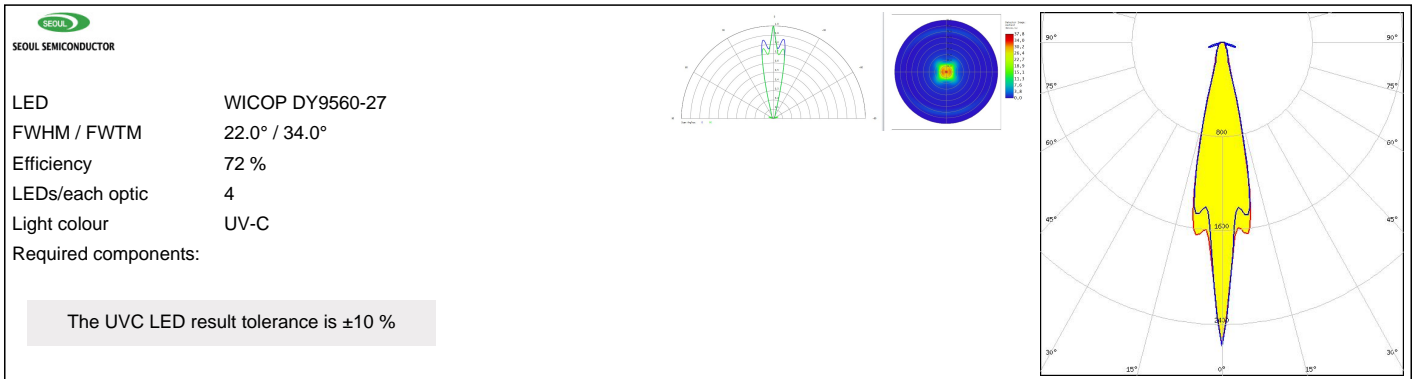
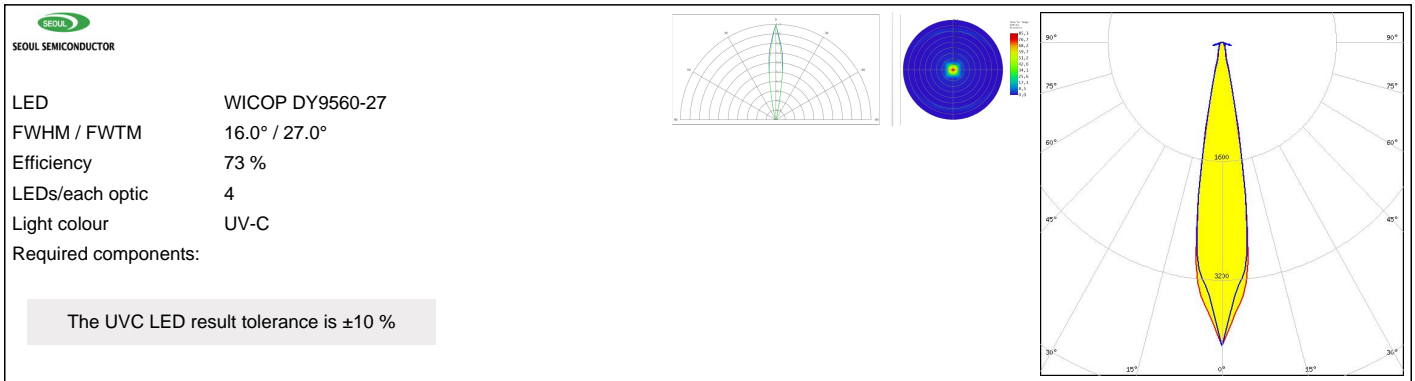
PHOTOMETRIC DATA (SIMULATED):



PHOTOMETRIC DATA (SIMULATED):



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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