

VIOLET-12X1-S

~20° wide beam when used with one UV LED

SPECIFICATION:

Dimensions 294.8 x 41.6 mm

Height 8.8 mm

Fastening screw

Ingress protection classes IP67

ROHS compliant yes 1



MATERIALS:

ComponentTypeMaterialColourFinishVIOLET-12X1-SMulti-lensSiliconeclearVIOLET-12X1-FRAMEAccessoryStainless steelmetal

ORDERING INFORMATION:

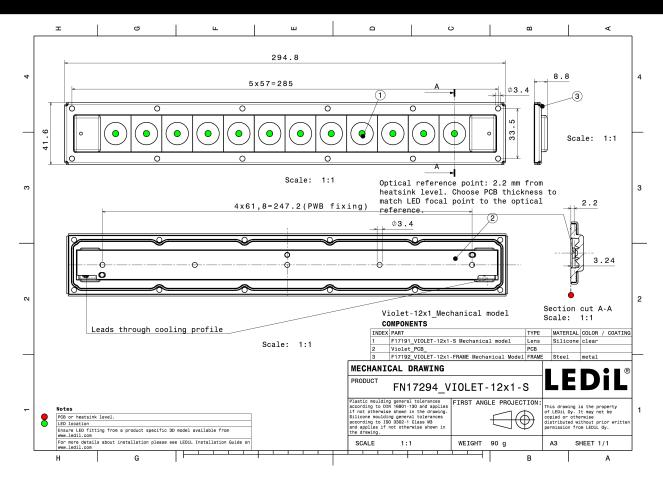
» Box size: 398 x 298 x 150 mm

ComponentQty in boxMOQMPQBox weight (kg)FN17294_VIOLET-12X1-SMulti-lens7826267.7

Published: 04/05/2020



PRODUCT DATASHEET FN17294_VIOLET-12X1-S



See also our general installation guide: www.ledil.com/installation_guide



AUDAX III

LED LIGHT ENGINE VIOLET UVC 281 x 19.2mm (KL265-50V-SM-WD)

FWHM / FWTM 16.0° / 43.0°
Efficiency 55 %

LEDs/each optic 1

Light colour UV-C

Required components:

The UVC LED result tolerance is ±10 %

CrayoNano

LEDCLH-N3SFWHM / FWTM36.0° / 63.0°Efficiency64 %LEDs/each optic1Light colourUV-CRequired components:

The UVC LED result tolerance is ±10 %

Crystal ** IS

LED KL265-50V-SM-WD FWHM / FWTM 23.0° / 51.0° Efficiency 54 % LEDs/each optic 1 Light colour UV-C Required components:

The UVC LED result tolerance is ±10 %

PHOCOPAROS

LED 110384-GC VIOLET
FWHM / FWTM 24.0° / 65.0°
Efficiency 69 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is $\pm 10~\%$

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F

LED 110384-GM VIOLET FWHM / FWTM 47.0° / 74.0°

Efficiency 70 % LEDs/each optic Light colour UV-C Required components:

The UVC LED result tolerance is $\pm 10~\%$

LITEON

LTPL-G35UV275GC-E

FWHM / FWTM 15.0° / 46.0° Efficiency 63 % LEDs/each optic UV-C Light colour Required components:

The UVC LED result tolerance is ±10 %

LITEON

LED LTPL-G35UV275GR-E

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 21.0° / 50.0° Efficiency 63 % LEDs/each optic Light colour UV-C Required components:

The UVC LED result tolerance is ±10 %

LITEON

LTPL-G35UVC275GH LED

FWHM / FWTM 26.0° / 54.0° Efficiency 61 % LEDs/each optic UV-C Light colour Required components:

The UVC LED result tolerance is $\pm 10~\%$



LITEON

LED LTPL-G35UVC275GZ

FWHM / FWTM 28.0° / 53.0°
Efficiency 62 %
LEDs/each optic 1
Light colour UV-C

Required components:

The UVC LED result tolerance is $\pm 10~\%$

ELUMINUS

LED XBT-3535-UV
FWHM / FWTM 32.0° / 60.0°
Efficiency 64 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ±10 %

ELUMINUS

 LED
 XFM-5050 2 Die

 FWHM / FWTM
 32.0° / 59.0°

 Efficiency
 57 %

 LEDs/each optic
 1

 Light colour
 UV-C

 Required components:

The UVC LED result tolerance is ±10 %

LUMINUS

LED XFM-5050 3 Die FWHM / FWTM 28.0° / 55.0° Efficiency 51 % LEDs/each optic 1 Light colour UV-C Required components:

The UVC LED result tolerance is ±10 %





LED XST-3535-UV FWHM / FWTM 23.0° / 51.0° Efficiency 62 %

LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is $\pm 10~\%$

※ LUMITRONIX®

LED Violet UVC LED-Modul 280nm

FWHM / FWTM 36.0° / 64.0°
Efficiency 64 %
LEDs/each optic 1
Light colour UV-C

Required components:

The UVC LED result tolerance is ±10 %

WNICHIA

LEDNCSU334AFWHM / FWTM23.0° / 52.0°Efficiency64 %LEDs/each optic1Light colourUV-CRequired components:

The UVC LED result tolerance is ±10 %

WNICHIA

LEDNCSU334BFWHM / FWTM26.0° / 51.0°Efficiency61 %LEDs/each optic1Light colourUV-CRequired components:

The UVC LED result tolerance is $\pm 10~\%$



OSRAM

LED CLE LED module with UV-C (SU CULCN1.VC)

FWHM / FWTM 28.0° / 56.0°
Efficiency 64 %

LEDs/each optic 1

Light colour UV-C

Required components:

The UVC LED result tolerance is ±10 %

OSRAM

LED OSLON UV 6060 (SU CZHPF1.VC)

FWHM / FWTM 31.0° / 60.0° Efficiency 61 % LEDs/each optic 1 Light colour UV-C

Required components:

The UVC LED result tolerance is ±10 %

SAMSUNG

LEDUV351AFWHM / FWTM22.0° / 61.0°Efficiency65 %LEDs/each optic1Light colourUV-CRequired components:

The UVC LED result tolerance is ±10 %

SAMSUNG

LED UV351B
FWHM / FWTM 38.0° / 64.0°
Efficiency 63 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ±10 %



SAMSUNG

LED UV352B
FWHM / FWTM 44.0° / 71.0°
Efficiency 63 %
LEDs/each optic 1

Light colour UV-C Required components:

The UVC LED result tolerance is $\pm 10~\%$

SAMSUNG

LED UV353B
FWHM / FWTM 45.0° / 74.0°
Efficiency 60 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ±10 %

SEOUL

LED CUD7GF1A
FWHM / FWTM 13.0° / 40.0°
Efficiency 57 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ±10 %

SEOUL SEMICONDUCTOR

LED CUD7GF1B
FWHM / FWTM 19.0° / 43.0°
Efficiency 56 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ±10 %

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LED CUD7QF1A
FWHM / FWTM 14.0° / 41.0°
Efficiency 54 %
LEDs/each optic 1
Light colour UV-C

Light colour U\
Required components:

The UVC LED result tolerance is ±10 %

SEOUL SEMICONDUCTOR

LED XMD-FBC-LLCA
FWHM / FWTM 17.0° / 47.0°

Efficiency 60 %

LEDs/each optic 1

Light colour UV-C

Required components:

The UVC LED result tolerance is ±10 %

SEOUL

LED XMD-FBC-LLOA
FWHM / FWTM 32.0° / 65.0°
Efficiency 58 %
LEDs/each optic 2
Light colour UV-C
Required components:

The UVC LED result tolerance is ±10 %

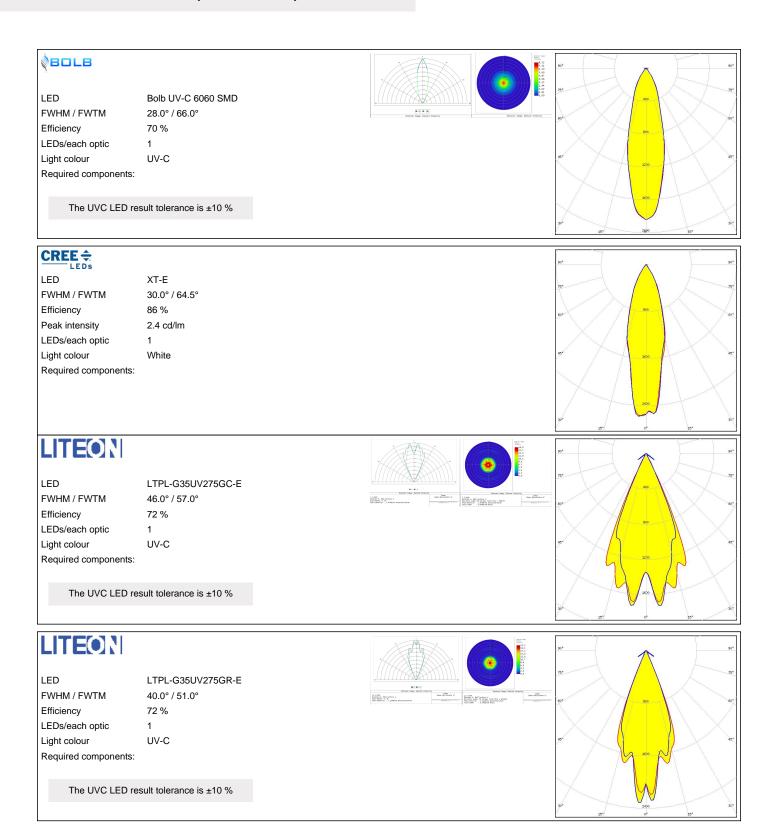
SEOUL SEMICONDUCTOR

LED XMD-FBC-LLVA
FWHM / FWTM 45.0° / 70.0°
Efficiency 58 %
LEDs/each optic 4

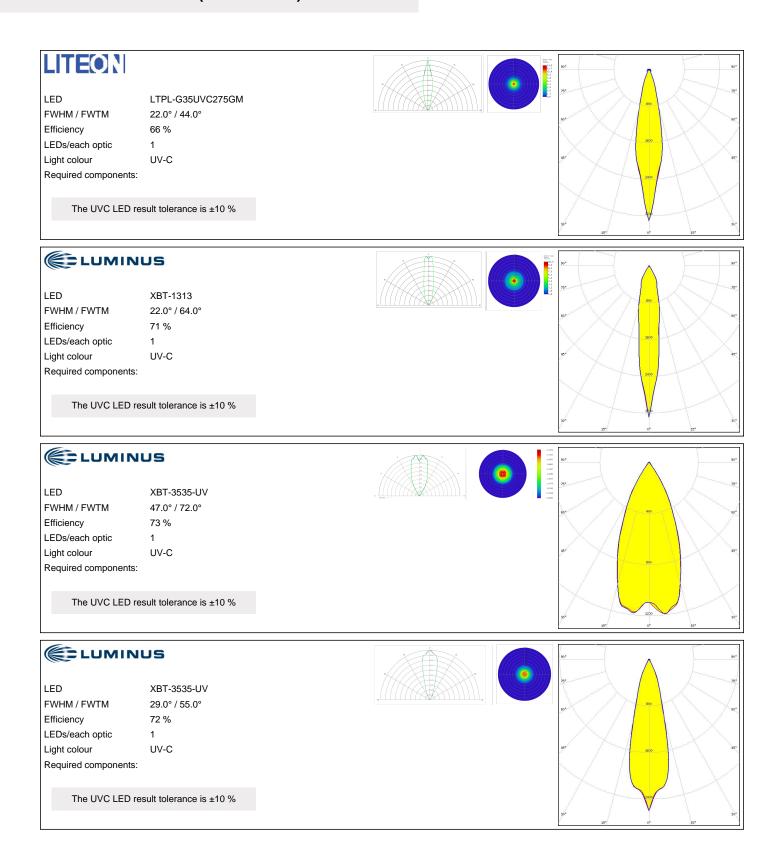
Light colour UV-C Required components:

The UVC LED result tolerance is ±10 %

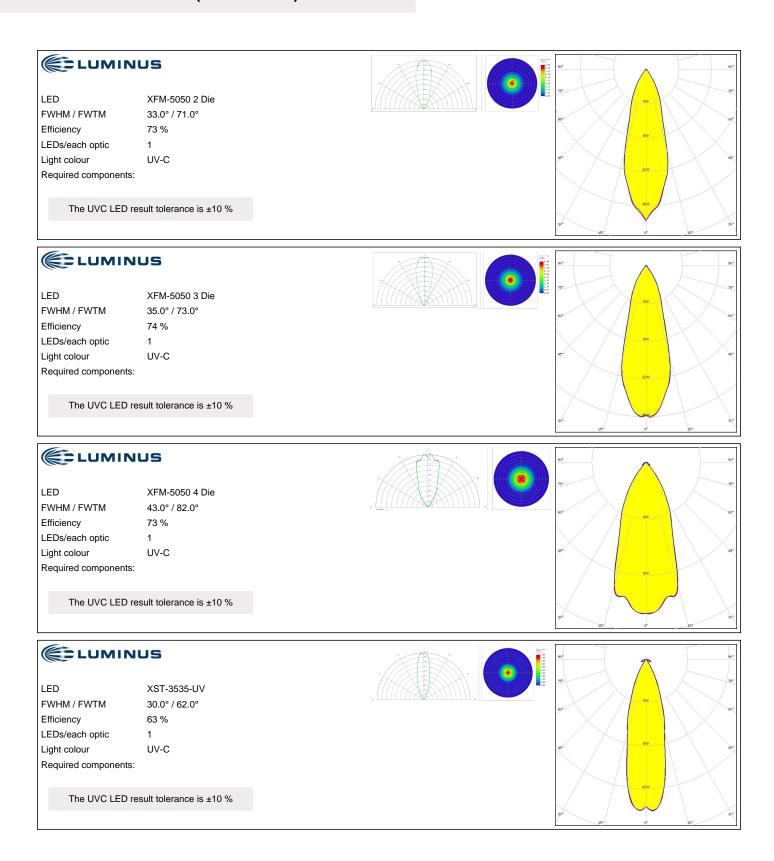




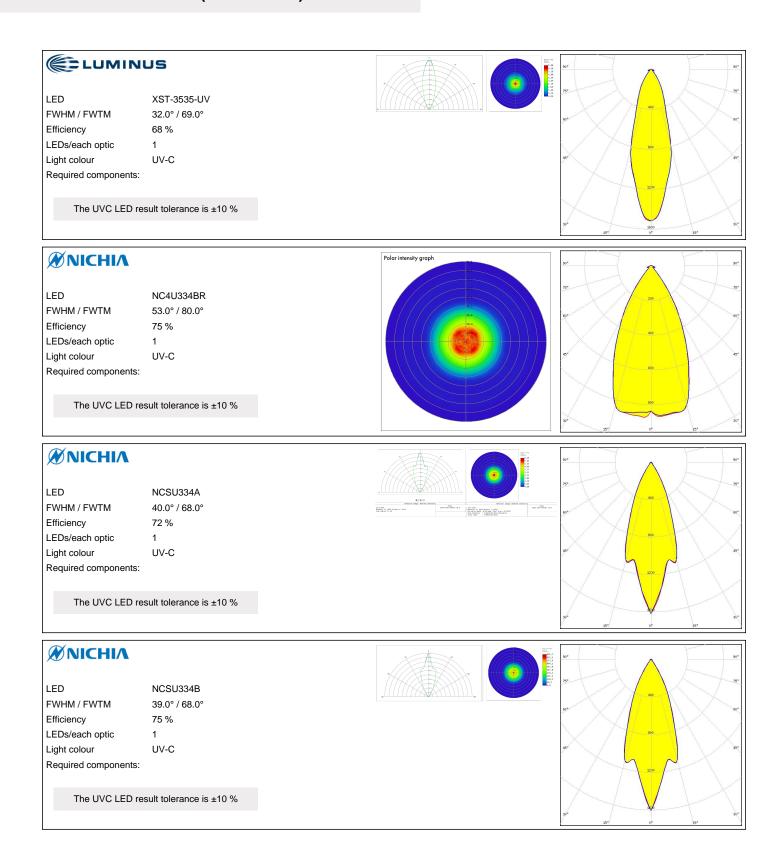




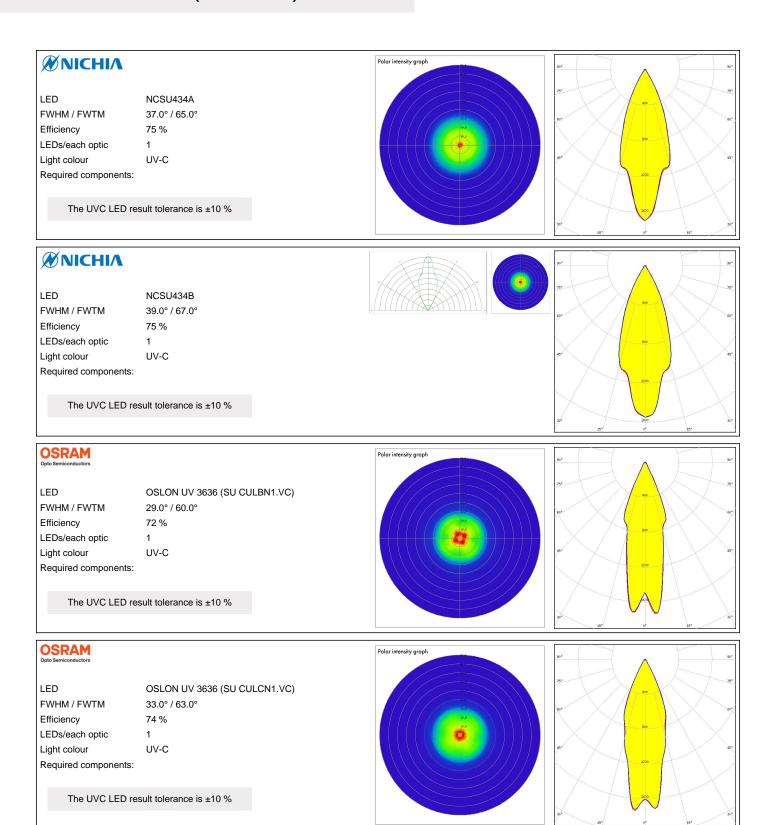












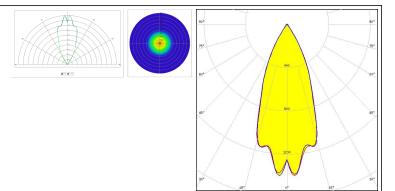




LED OSLON UV 3636 (SU CULDN1.VC)

FWHM / FWTM 41.0° / 69.0° Efficiency 74 % LEDs/each optic Light colour UV-C Required components:

The UVC LED result tolerance is ±10 %

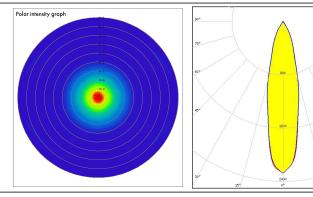


OSRAM

OSLON UV 6060 (SU CZHEF1.VC)

FWHM / FWTM 27.0° / 62.0° Efficiency 68 % LEDs/each optic UV-C Light colour Required components:

The UVC LED result tolerance is ±10 %



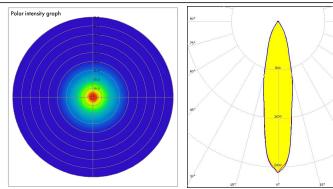
OSRAM Opto Semicondu-

OSLON UV 6060 (SU CZHPF1.VC) LED

FWHM / FWTM 24.0° / 61.0° Efficiency 71 % LEDs/each optic 1 Light colour UV-C

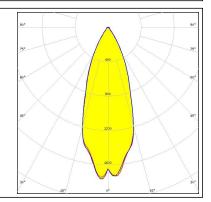
Required components:

The UVC LED result tolerance is ±10 %

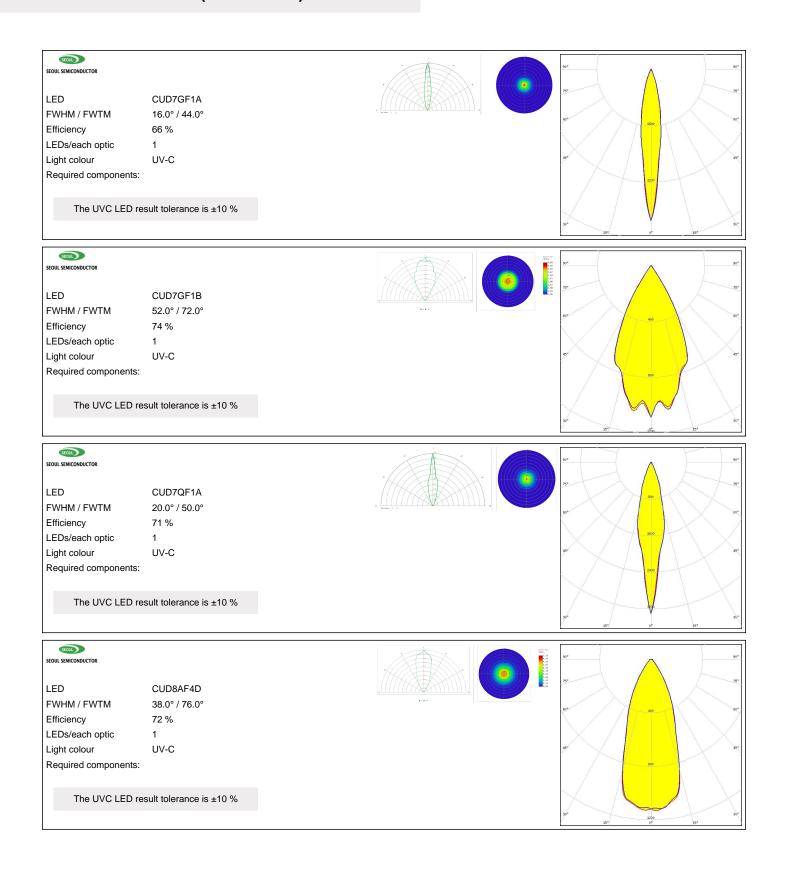


SAMSUNG

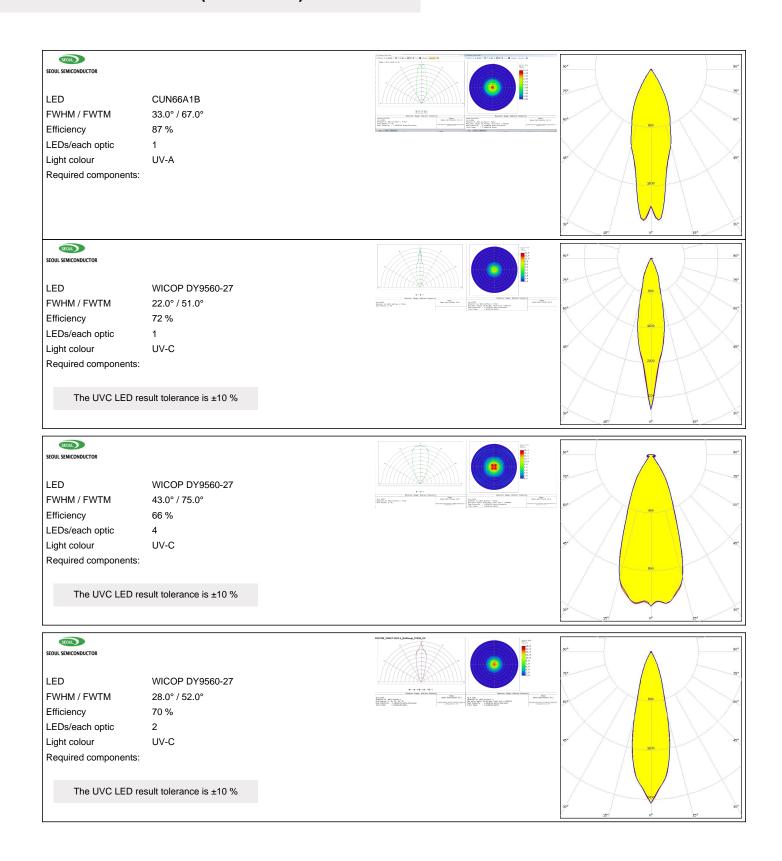
LM301B FWHM / FWTM 38.0° / 68.0° 88 % Efficiency Peak intensity 1.8 cd/lm LEDs/each optic 1 White Light colour Required components:



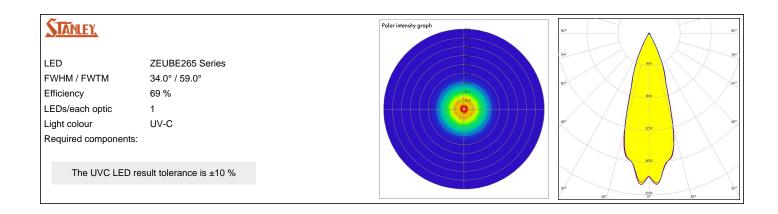












PRODUCT DATASHEET FN17294_VIOLET-12X1-S

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:

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