

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

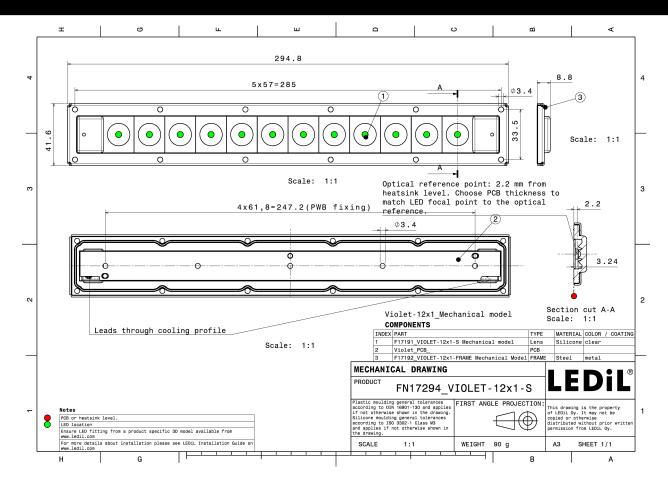
ORDERING INFORMATION:

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

» Box size: 398 x 298 x 150 mm



PRODUCT DATASHEET FN17294_VIOLET-12X1-S



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



AUDAX

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

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 16.0° / 43.0° Efficiency 55 % LEDs/each optic Light colour UV-C Required components:

The UVC LED result tolerance is ±10 %

CrayoNano

LED CLH-N3S FWHM / FWTM 36.0° / 63.0° Efficiency 64 % LEDs/each optic UV-C Light colour Required components:

The UVC LED result tolerance is ±10 %

Crystal #IS

LED KL265-50V-SM-WD $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 23.0° / 51.0° Efficiency 54 % LEDs/each optic Light colour UV-C Required components:

The UVC LED result tolerance is ±10 %

FUOCOFRED

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



F

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

Efficiency 70 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ±10 %

LITEON

LED LTPL-G35UV275GC-E

FWHM / FWTM 15.0° / 46.0°
Efficiency 63 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ±10 %

LITEON

LED LTPL-G35UV275GR-E

FWHM / FWTM 21.0° / 50.0°
Efficiency 63 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ±10 %

LITEON

LED LTPL-G35UVC275GH

FWHM / FWTM 26.0° / 54.0°
Efficiency 61 %
LEDs/each optic 1
Light colour UV-C
Required components:



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 ±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:





 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 $\pm 10~\%$

WNICHIA

LED NCSU334A
FWHM / FWTM 23.0° / 52.0°
Efficiency 64 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ±10 %

WNICHIA

LED NCSU334B
FWHM / FWTM 26.0° / 51.0°
Efficiency 61 %
LEDs/each optic 1
Light colour UV-C
Required components:



OSRAM

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

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 28.0° / 56.0° Efficiency 64 % LEDs/each optic 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 UV-C Light colour

Required components:

The UVC LED result tolerance is ±10 %

SAMSUNG

LED UV351A $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 22.0° / 61.0° Efficiency 65 % LEDs/each optic Light colour UV-C Required components:

The UVC LED result tolerance is ±10 %

SAMSUNG

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



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 ±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 %





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

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 %

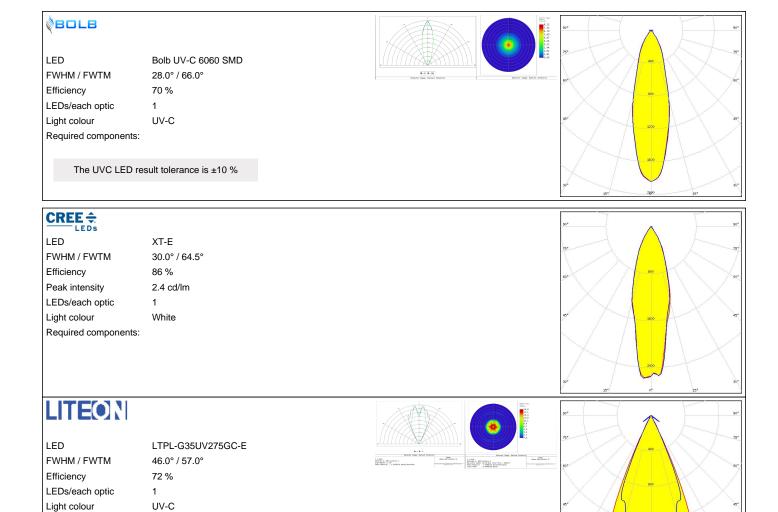
SEOUL SEMICONDUCTOR

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

Required components:

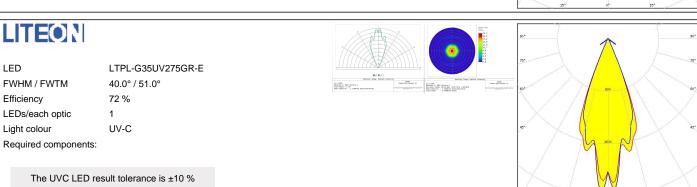
The UVC LED result tolerance is ±10 %



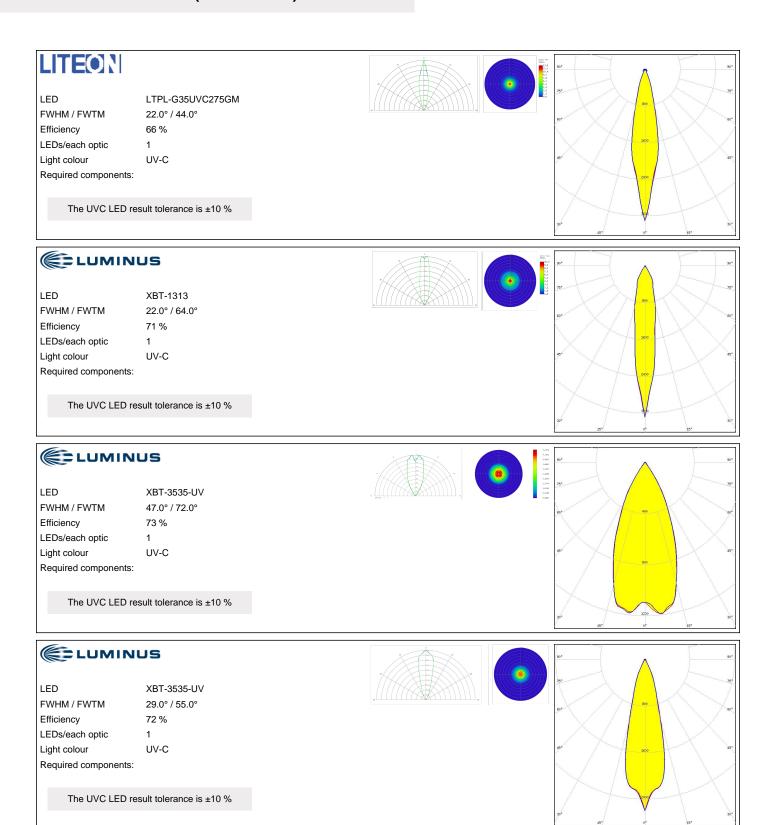


The UVC LED result tolerance is ±10 %

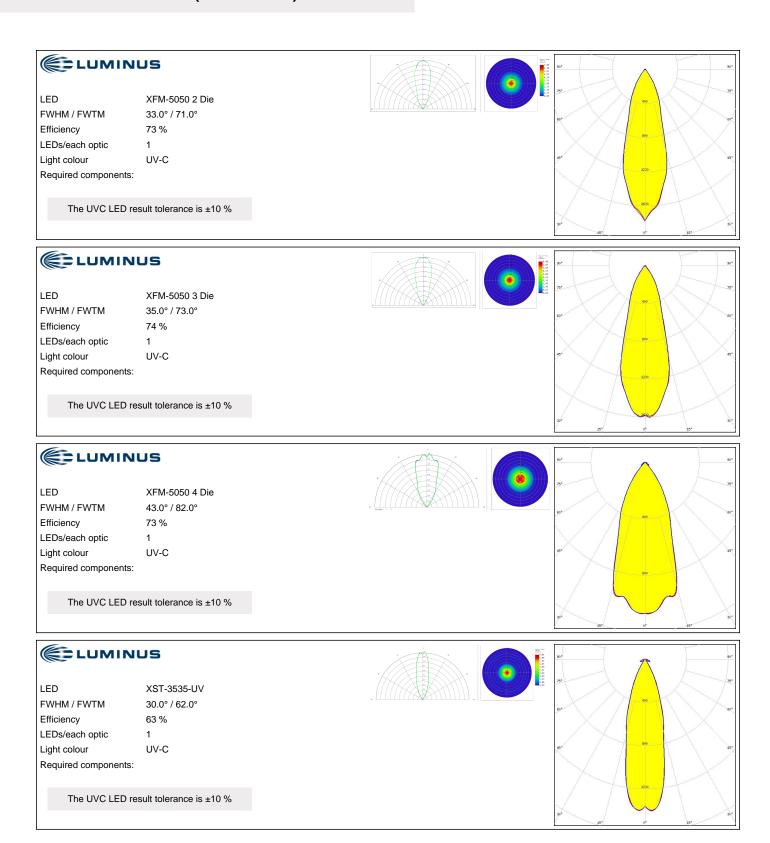
Required components:



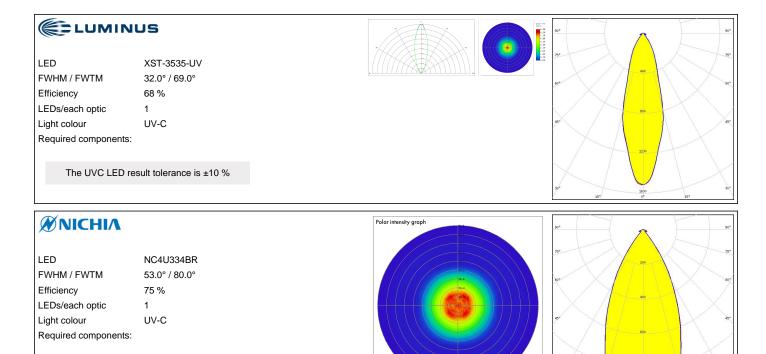












The UVC LED result tolerance is ±10 %

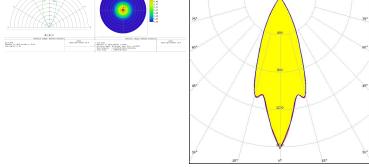


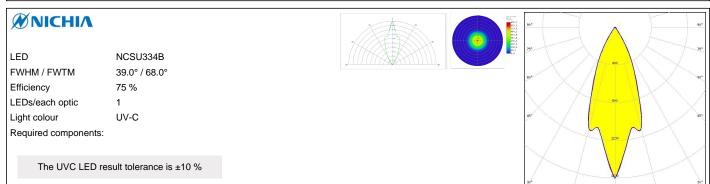
The UVC LED result tolerance is ±10 %

UV-C

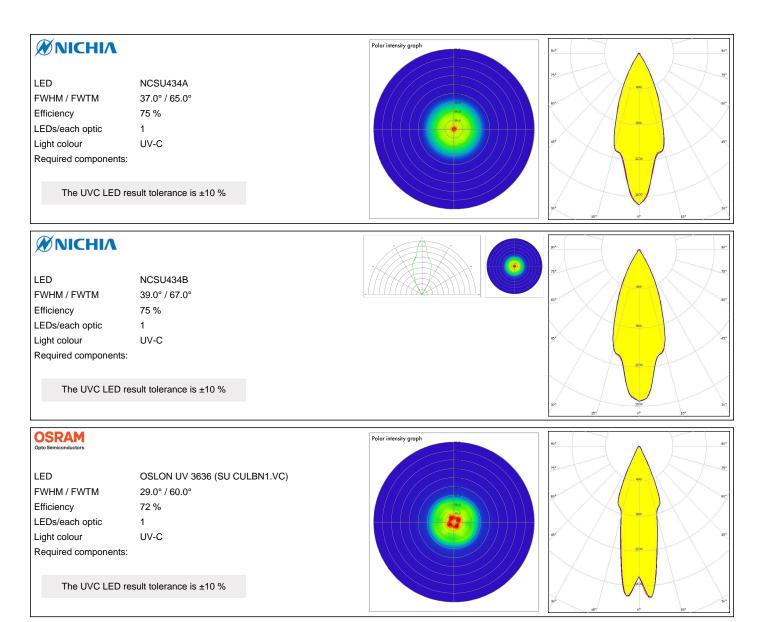
Light colour

Required components:





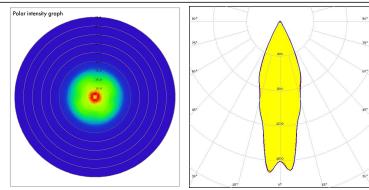






LED OSLON UV 3636 (SU CULCN1.VC)

FWHM / FWTM 33.0° / 63.0°
Efficiency 74 %
LEDs/each optic 1
Light colour UV-C
Required components:





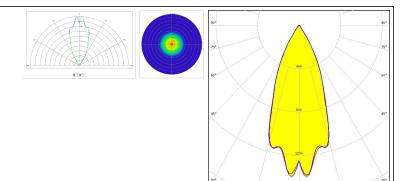
OSRAM

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 %

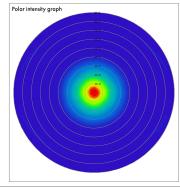


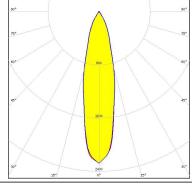
OSRAM

LED 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 %



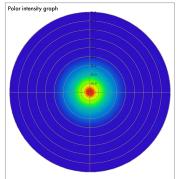


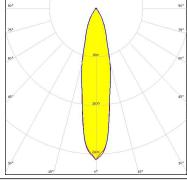
OSRAM Opto Semiconductor

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:

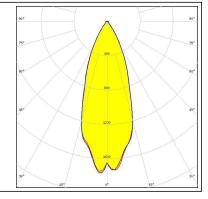
The UVC LED result tolerance is ±10 %



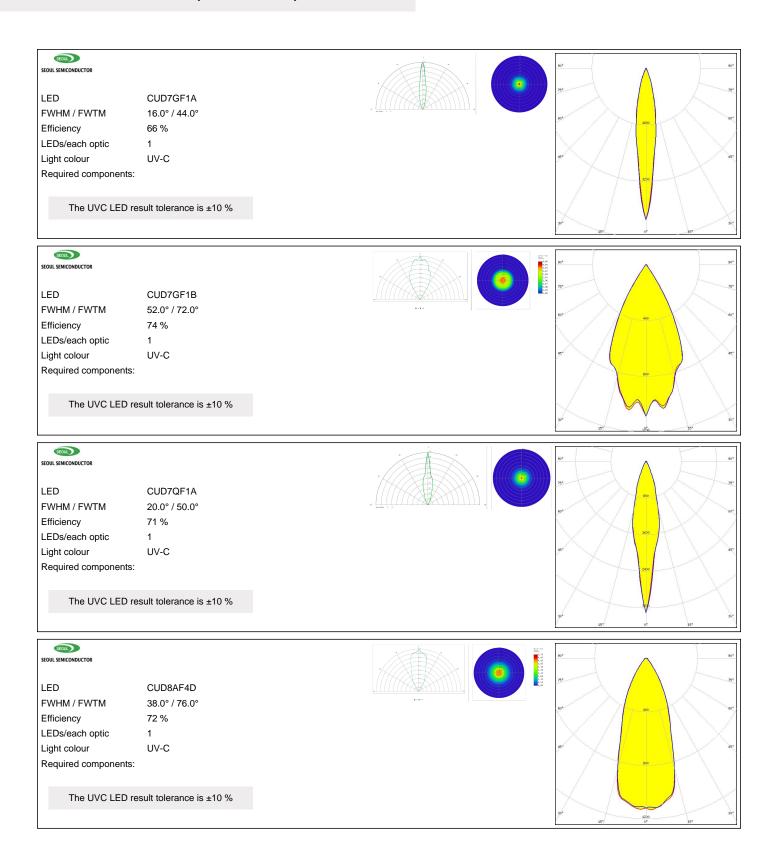


SAMSUNG

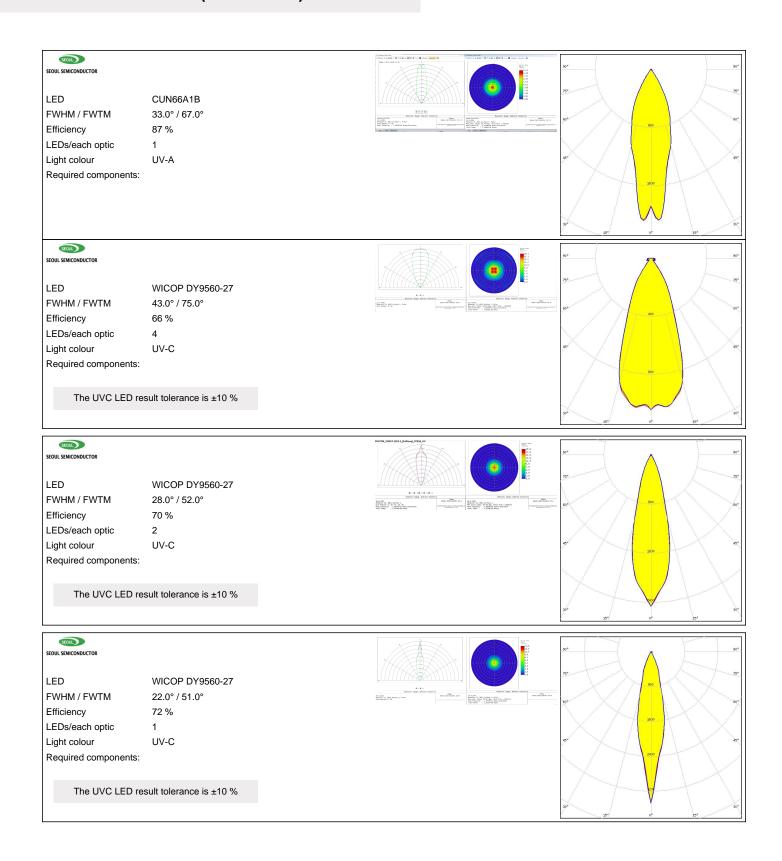
LM301B FWHM / FWTM 38.0° / 68.0° 88 % Efficiency 1.8 cd/lm Peak intensity LEDs/each optic 1 White Light colour Required components:



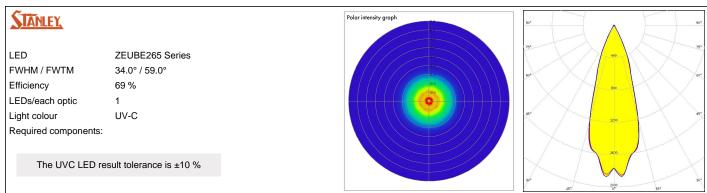


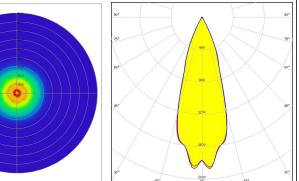












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PRODUCT DATASHEET FN17294_VIOLET-12X1-S

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:

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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