

VIOLETTA-W

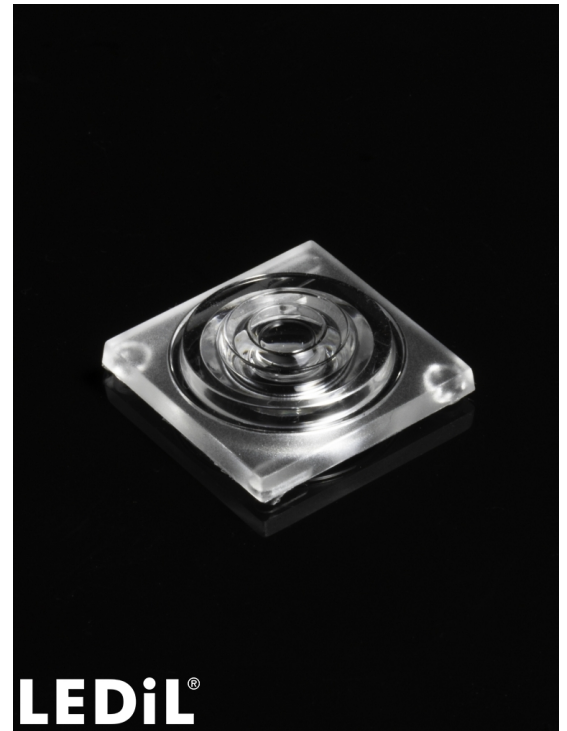
~60° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	21.7 x 21.7 mm
Height	6.5 mm
Fastening	pin
ROHS compliant	yes ⓘ

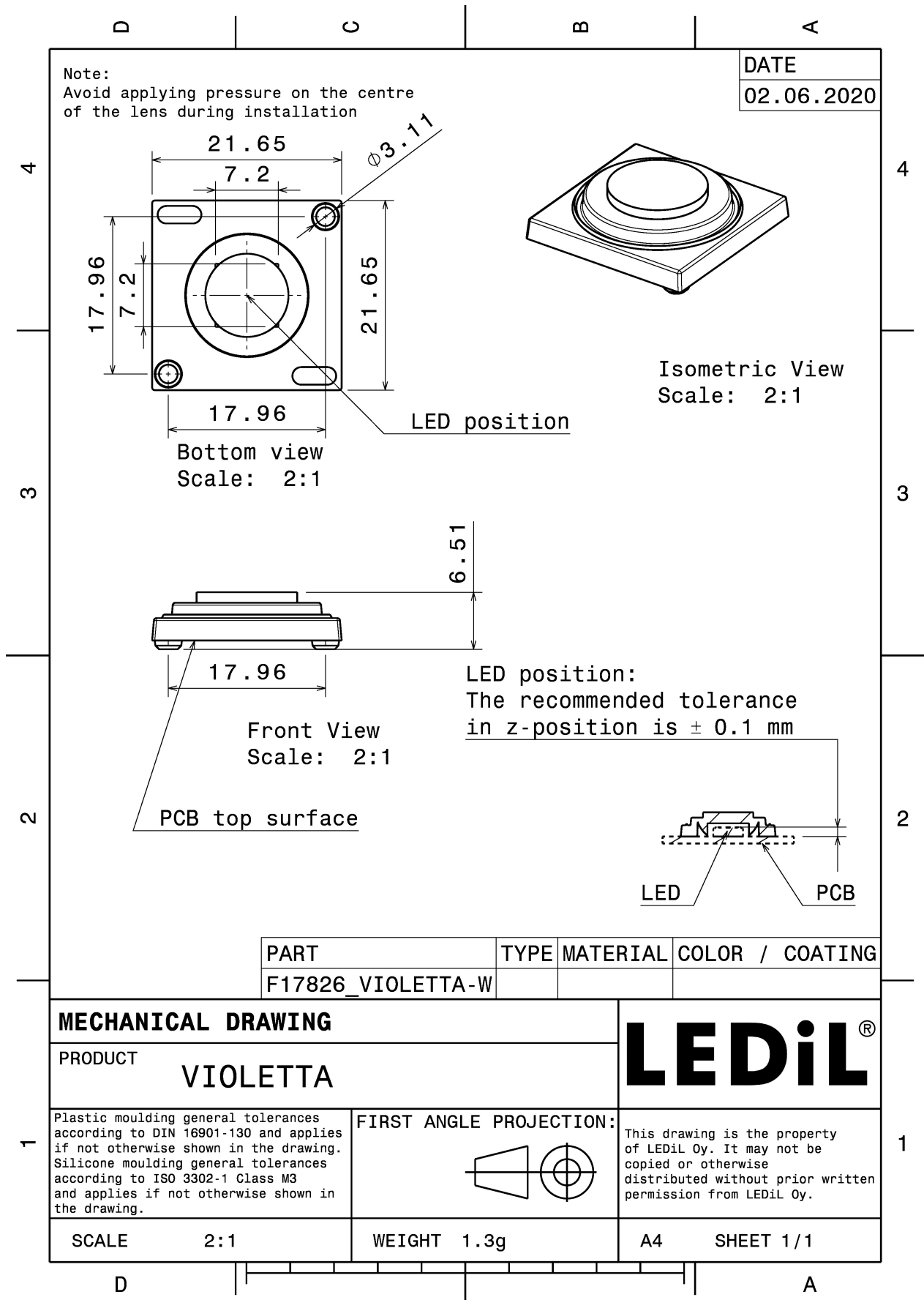
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
VIOLETTA-W	Single lens	Silicone	clear	gloss



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F17826_VIOLETTA-W » Box size: 485 x 280 x 100 mm	2025	270	135	4.3



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

PHOTOMETRIC DATA (MEASURED):

Crystal[✦]IS

LED KL265-50V-SM-WD
FWHM / FWTM 48.0° / 68.0°
Efficiency 62 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



LED S3535-DR100-W272-P40
FWHM / FWTM 52.0° / 72.0°
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 56.0° / 74.0°
Efficiency 65 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %



LED XFM-5050 3 Die
FWHM / FWTM 55.0° / 73.0°
Efficiency 78 %
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 CULBN1.VC)
FWHM / FWTM 54.0° / 76.0°
Efficiency 77 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

OSRAM Opto Semiconductors

LED OSLON UV 3636 (SU CULDN1.VC)
FWHM / FWTM 57.0° / 79.0°
Efficiency 80 %
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 53.0° / 72.0°
Efficiency 75 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

STANLEY

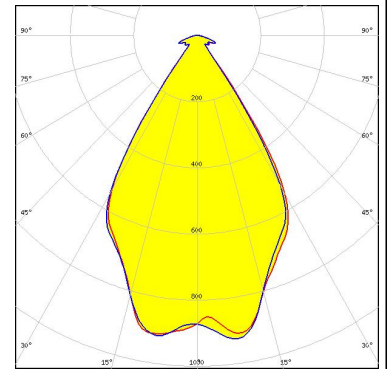
LED ZEUBE265 Series
FWHM / FWTM 43.0° / 63.0°
Efficiency 71 %
LEDs/each optic 1
Light colour UV-C
Required components:

The UVC LED result tolerance is ± 10 %

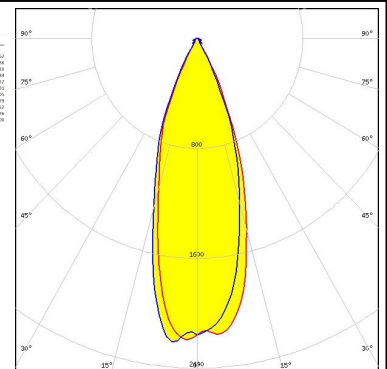
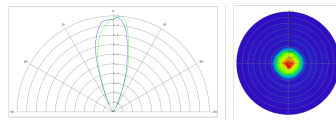
PHOTOMETRIC DATA (SIMULATED):



LED Bridgelux SMD 5050
 FWHM / FWTM 64.0° / 76.0°
 Efficiency 94 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



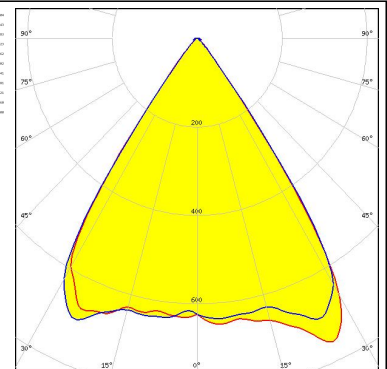
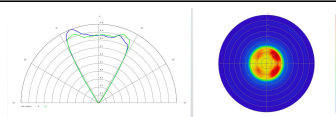
LED XST-3535-UV
 FWHM / FWTM 36.0° / 54.0°
 Efficiency 86 %
 LEDs/each optic 1
 Light colour UV-C
 Required components:



The UVC LED result tolerance is ± 10 %



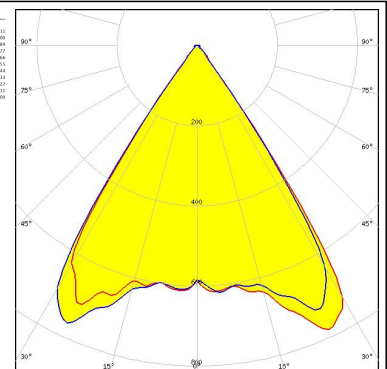
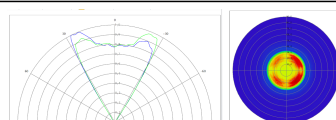
LED NCSU334A
 FWHM / FWTM 62.4° / 71.6°
 Efficiency 86 %
 LEDs/each optic 1
 Light colour UV-C
 Required components:



The UVC LED result tolerance is ± 10 %



LED NCSU334B
 FWHM / FWTM 61.0° / 69.0°
 Efficiency 84 %
 LEDs/each optic 1
 Light colour UV-C
 Required components:



The UVC LED result tolerance is ± 10 %

PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	NCSU434A
FWHM / FWTM	61.0° / 64.0°
Efficiency	85 %
LEDs/each optic	1
Light colour	UV-C
Required components:	

The UVC LED result tolerance is ±10 %

NICHIA

LED	NVSU233B
FWHM / FWTM	84.0° / 108.0°
Efficiency	98 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	UV-A
Required components:	

NICHIA

LED	NVSU233B-D4
FWHM / FWTM	45.0° / 58.0°
Efficiency	97 %
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	63.0° / 72.0°
Efficiency	84 %
LEDs/each optic	1
Light colour	UV-C
Required components:	

The UVC LED result tolerance is ±10 %

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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