

# PRODUCT DATASHEET FN17810\_VIOLET-12X1-RS

# **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 🛈



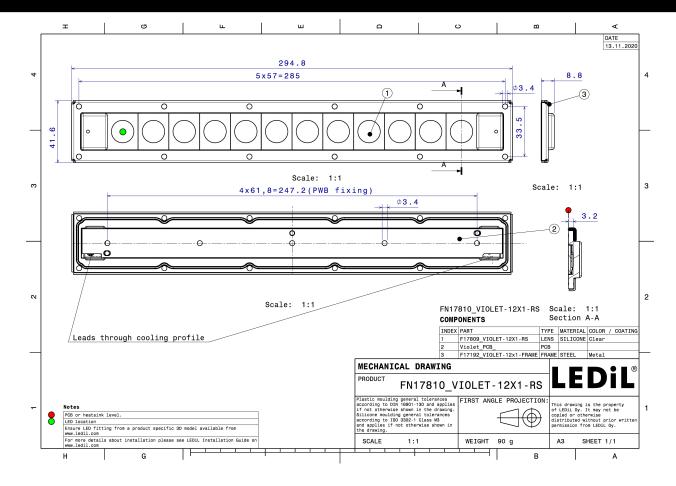
# MATERIAL SPECIFICATIONS:

Component	Туре	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					

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



# PHOTOMETRIC DATA (SIMULATED):

	<b>JS</b> XBT-3535-UV	32 <u>55</u> 35, <u>55</u> 35, <u>55</u>
FWHM	10.0°	
Efficiency	80 %	60°
LEDs/each optic	1	
Light colour	UV-C	
Required components		
	5.	
	sult tolerance is ±10 %	
The OVC LED les		30 <sup>1</sup> 10 <sup>0</sup> 25 <sup>4</sup>
MICHIΛ		90 <sup>4</sup>
	NOOLIOOAA	75
LED	NCSU334A	
FWHM	13.0°	50° 60°
Efficiency	80 %	
LEDs/each optic	1	are 6000
Light colour	UV-C	$\kappa / / 1 > 2$
Required components	S:	
		3000
The UVC LED res	sult tolerance is ±10 %	
		36 <sup>4</sup> 15 <sup>5</sup> 0 <sup>6</sup> 15 <sup>5</sup> 36. <sup>4</sup>
MICHIΛ		50 <sup>4</sup>
	NCCU224D	75
	NCSU334B	75
FWHM	8.0°	60 27
FWHM Efficiency	8.0° 79 %	917 917 757 757 757
FWHM Efficiency LEDs/each optic	8.0° 79 % 1	57
FWHM Efficiency LEDs/each optic Light colour	8.0° 79 % 1 UV-C	a. 60 60 70 70 70 70 70 70 70 70 70 70 70 70 70
FWHM Efficiency LEDs/each optic	8.0° 79 % 1 UV-C	6. 6. 6. 19. 7. 7. 7.
FWHM Efficiency LEDs/each optic Light colour Required components	8.0° 79 % 1 UV-C s:	di. 6. 6. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.
FWHM Efficiency LEDs/each optic Light colour Required components	8.0° 79 % 1 UV-C	2. 2. 8. 80 80 80 80 80 80 80 80 80 80 80 80 80
FWHM Efficiency LEDs/each optic Light colour Required components	8.0° 79 % 1 UV-C s:	13, 1800 13, 9% 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,
FWHM Efficiency LEDs/each optic Light colour Required components	8.0° 79 % 1 UV-C s:	20- 20- 20- 20- 20- 20- 20- 20-
FWHM Efficiency LEDs/each optic Light colour Required components The UVC LED res	8.0° 79 % 1 UV-C s:	5°
FWHM Efficiency LEDs/each optic Light colour Required components The UVC LED res	8.0° 79 % 1 UV-C s: sult tolerance is ±10 %	35 35 35 35 35 35 35 35 35 35
FWHM Efficiency LEDs/each optic Light colour Required components The UVC LED res	8.0° 79 % 1 UV-C s: sult tolerance is ±10 % WICOP DY9560-27	27 28 29 29 29 29 29 29 29 29 29 29 29 29 29
FWHM Efficiency LEDs/each optic Light colour Required components The UVC LED res	8.0° 79 % 1 UV-C s: sult tolerance is ±10 % WICOP DY9560-27 16.0°	
FWHM Efficiency LEDs/each optic Light colour Required components The UVC LED res	8.0° 79 % 1 UV-C s: sult tolerance is ±10 % WICOP DY9560-27 16.0° 73 %	27 27 27
FWHM Efficiency LEDs/each optic Light colour Required components The UVC LED res	8.0° 79 % 1 UV-C s: sult tolerance is ±10 % WICOP DY9560-27 16.0° 73 % 4	77
FWHM Efficiency LEDs/each optic Light colour Required components The UVC LED res SEOUL SEMICONDUCTOR LED FWHM Efficiency LEDs/each optic Light colour	8.0° 79 % 1 UV-C s: sult tolerance is ±10 % WICOP DY9560-27 16.0° 73 % 4 UV-C	
FWHM Efficiency LEDs/each optic Light colour Required components The UVC LED res	8.0° 79 % 1 UV-C s: sult tolerance is ±10 % WICOP DY9560-27 16.0° 73 % 4 UV-C	77
FWHM Efficiency LEDs/each optic Light colour Required components The UVC LED res	8.0° 79 % 1 UV-C s: sult tolerance is ±10 % WICOP DY9560-27 16.0° 73 % 4 UV-C s:	77
FWHM Efficiency LEDs/each optic Light colour Required components The UVC LED res	8.0° 79 % 1 UV-C s: sult tolerance is ±10 % WICOP DY9560-27 16.0° 73 % 4 UV-C	27 27 27



## PHOTOMETRIC DATA (SIMULATED):

SECUL SECUL SEMICONDUCTOR		∞*	90*
LED FWHM	WICOP DY9560-27		
Efficiency	22.0° 72 %	90e	60.6
LEDs/each optic	4		$\setminus X$
Light colour	ч UV-С	5× 100 N	45°
Required componer			$\langle \rangle$
i ioquirou compone			
The LIVC LED r	esult tolerance is ±10 %		$\frown$
		20	36*
		25 <sup>7</sup> of	15*
SEOUL SEMICONDUCTOR		257/ 0 <sup>2</sup>	90. 72.
SEOUL SEMICONDUCTOR	WICOP DY9560-27		90* 90*
SEOUL SEMICONDUCTOR	WICOP DY9560-27 13.0°	207	<u>391</u>
SEOUL SEMICONDUCTOR		207	90°
SEOUL SEMICONDUCTOR	13.0°	207	90. 10.
seoul semiconductor LED FWHM Efficiency	13.0° 77 %	207	0, 66, 25, 26, 26, 26, 26, 26, 26, 26, 26, 26, 26
seoul semiconductor LED FWHM Efficiency LEDs/each optic	13.0° 77 % 1 UV-C	99° 75° 99° 50°	95. 95. 95.
seoul semiconductor LED FWHM Efficiency LEDs/each optic Light colour	13.0° 77 % 1 UV-C	95° 73 700 700	65. 25. 25.
seoul semiconductor LED FWHM Efficiency LEDs/each optic Light colour Required component	13.0° 77 % 1 UV-C	99° 75° 99° 50°	60° 10°
seoul semiconductor LED FWHM Efficiency LEDs/each optic Light colour Required component	13.0° 77 % 1 UV-C nts:	99° 75° 99° 50°	87. 66. 66. 10. 10.



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#### **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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