

**G2-ROSE-UV-M**

~25° medium beam. Assembly with black holder and installation tape.

**TECHNICAL SPECIFICATIONS:**

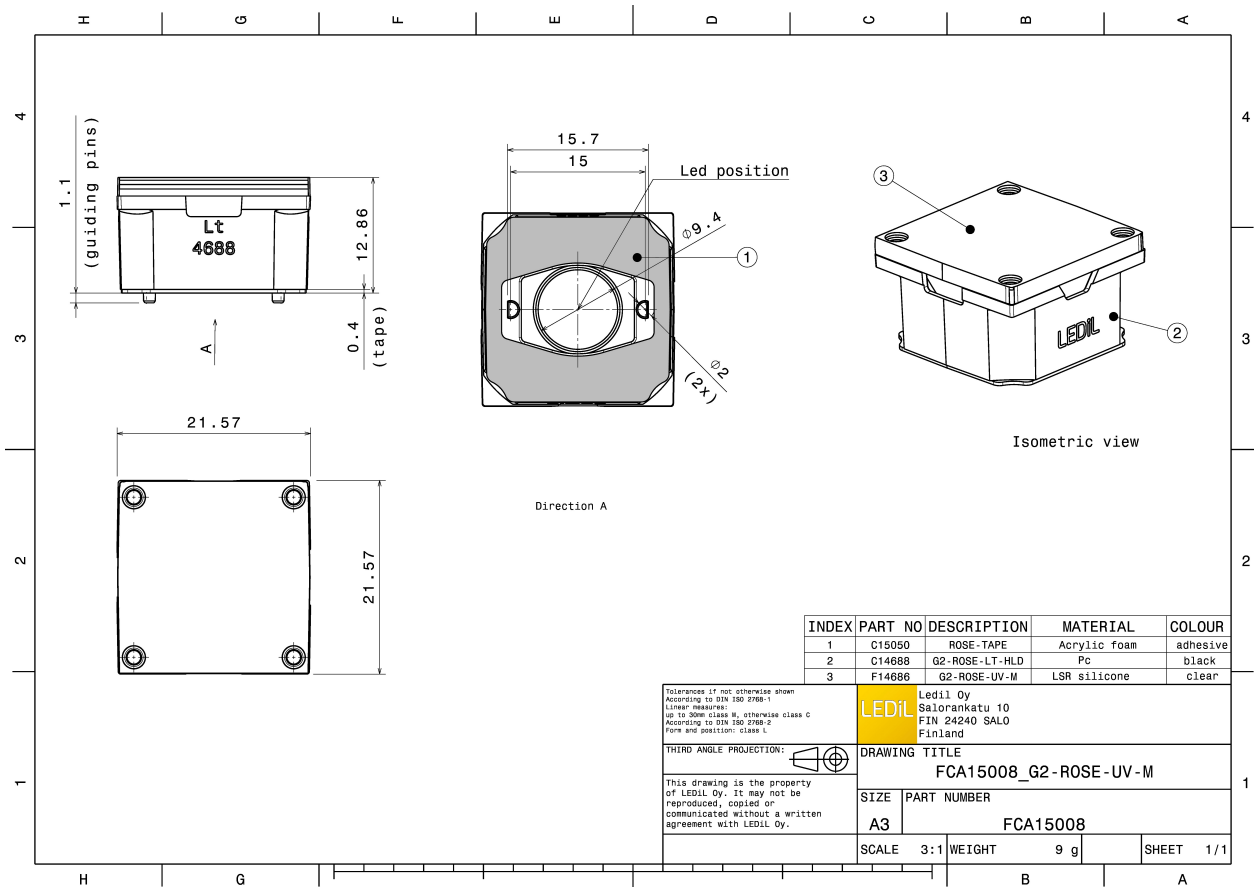
Dimensions	21.6 x 21.6 mm
Height	12.9 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

**MATERIAL SPECIFICATIONS:**

Component	Type	Material	Colour	Finish
G2-ROSE-UV-M	Single lens	Silicone	clear	
G2-ROSE-LT-HLD	Holder	PC	black	
ROSE-TAPE	Tape	Acrylic foam	black	

**ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCA15008_G2-ROSE-UV-M	Single lens	1620	360	180	6.7
» Box size: 476 x 273 x 197 mm					



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## PHOTOMETRIC DATA (MEASURED):



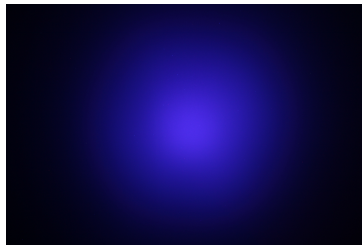
LED LZ1-00UV00  
FWHM / FWTM 26.0° / 52.0°  
Efficiency %  
LEDs/each optic 1  
Light colour UV-A  
Required components:



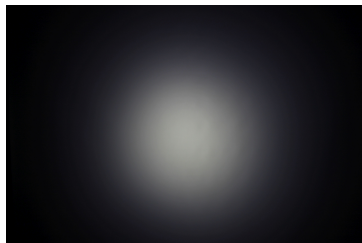
LED SST-10-B130  
FWHM / FWTM 18.0° / 44.0°  
Efficiency %  
LEDs/each optic 1  
Light colour UV-A  
Required components:




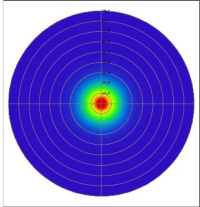
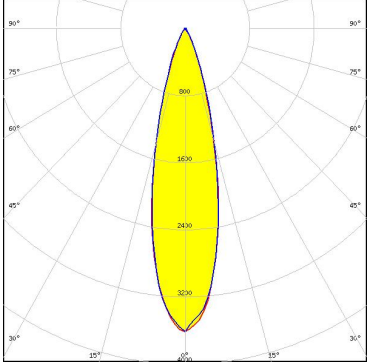

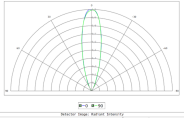
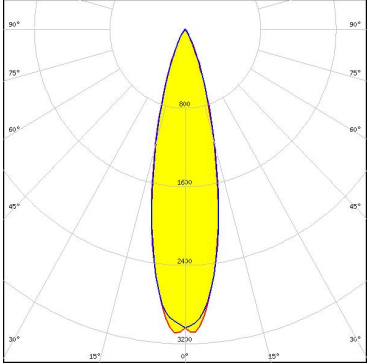


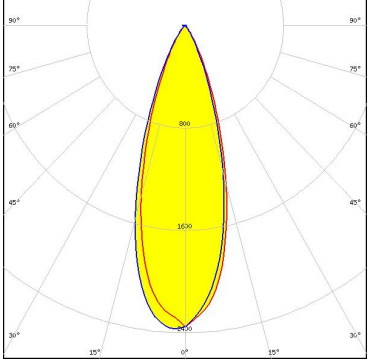


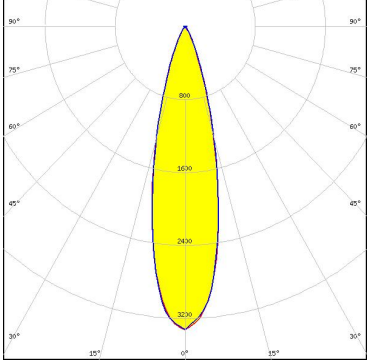
LED NVSU233A  
FWHM / FWTM 23.0° / 48.0°  
Efficiency %  
LEDs/each optic 1  
Light colour UV-A  
Required components:



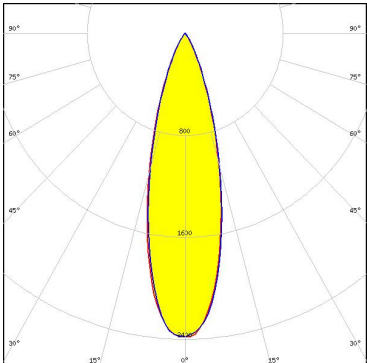
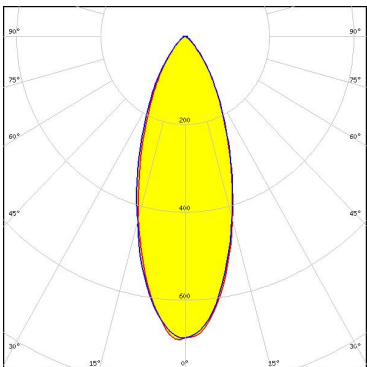
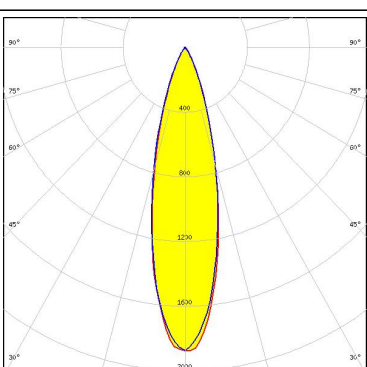
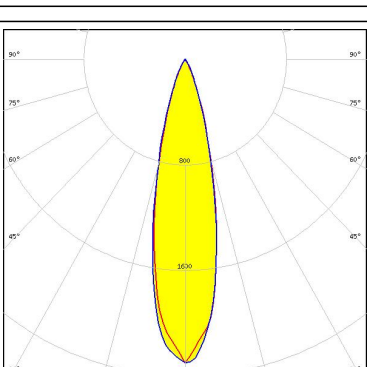
LED NVSW319B  
FWHM / FWTM 22.0° / 47.0°  
Efficiency 87 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour UV-A  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

	<p>LED NVSU119C</p> <p>FWHM / FWTM 24.0° / 47.0°</p> <p>Efficiency 89 %</p> <p>LEDs/each optic 1</p> <p>Light colour UV-A</p> <p>Required components:</p>	 <p>Detector: Single: luminous intensity</p> <p>27.5.2019</p> <p>Detector: J. RUC, surface: 1</p> <p>Max. color angle: 90.00 deg. Total flux: 4482244</p> <p>Peak intensity: 1.5177590 Luminous/Emission</p> <p>Total Power: 1.8887185 Lumens</p>	
	<p>LED NVSU119C</p> <p>FWHM / FWTM 26.0° / 49.0°</p> <p>Efficiency 78 %</p> <p>LEDs/each optic 1</p> <p>Light colour UV-A</p> <p>Required components:</p>	 <p>27.5.2019</p> <p>Detector: J. RUC, surface: 1</p> <p>Max. color angle: 90.00 deg. Total flux: 4482244</p> <p>Peak intensity: 1.5177590 Luminous/Emission</p> <p>Total Power: 1.8887185 Lumens</p>	
	<p>LED NVSU233A</p> <p>FWHM / FWTM 33.0° / 59.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 2.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	 <p>27.5.2019</p> <p>Detector: J. RUC, surface: 1</p> <p>Max. color angle: 90.00 deg. Total flux: 4482244</p> <p>Peak intensity: 1.5177590 Luminous/Emission</p> <p>Total Power: 1.8887185 Lumens</p>	
	<p>LED NVSxx19B/NVSxx19C</p> <p>FWHM / FWTM 26.0° / 50.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 3.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour UV-A</p> <p>Required components:</p>	 <p>27.5.2019</p> <p>Detector: J. RUC, surface: 1</p> <p>Max. color angle: 90.00 deg. Total flux: 4482244</p> <p>Peak intensity: 1.5177590 Luminous/Emission</p> <p>Total Power: 1.8887185 Lumens</p>	

#### PHOTOMETRIC DATA (SIMULATED):

<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED CUN66B1G FWHM / FWTM 29.0° / 54.0° Efficiency 73 % LEDs/each optic 1 Light colour UV-A Required components:</p>	
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED WICOP DY9560-27 FWHM / FWTM 40.0° / 81.0° Efficiency 40 % LEDs/each optic 24 Light colour UV-C Required components:</p> <p>The UVC LED result tolerance is <math>\pm 10</math> %</p>	
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED WICOP DY9560-27 FWHM / FWTM 29.0° / 56.0° Efficiency 50 % LEDs/each optic 4 Light colour UV-C Required components:</p> <p>The UVC LED result tolerance is <math>\pm 10</math> %</p>	
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED WICOP DY9560-27 FWHM / FWTM 25.0° / 49.0° Efficiency 51 % LEDs/each optic 1 Light colour UV-C Required components:</p> <p>The UVC LED result tolerance is <math>\pm 10</math> %</p>	

### 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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