

VIOLET

Ingress protected silicone lens array for cost-efficient horticultural and UV disinfection applications

- Lens and metal frame made from highly resistant UV materials
- Special silicone grade for high UV transmittance
- Can be used with up to 4 LED clusters* for maximum efficiency and output
- Enables creation of more cost-efficient solutions than with quartz glass

*Depends on LED

Features

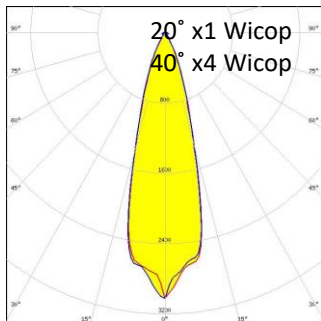
- 293.3 mm x 41.6 mm
- 12 lenses
- Metal frame
- Up to IP67

Typical Applications

- Horticultural lighting (prevention of plant deceases etc)
- Disinfection (water, air)

Compatibility

- UV LEDs from Seoul Viosys, Nichia

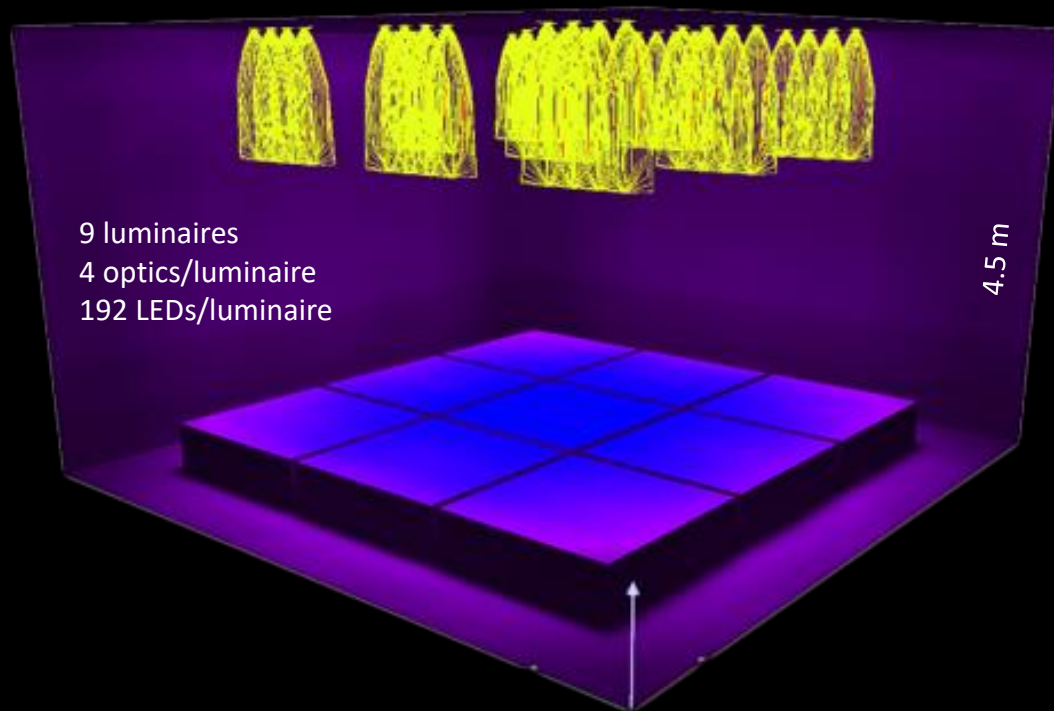


FN17294_VIOLET-12X1-S



EXAMPLE 1/2

Horticultural lighting with VIOLET vs quartz glass



9 luminaires
4 optics/luminaire
192 LEDs/luminaire

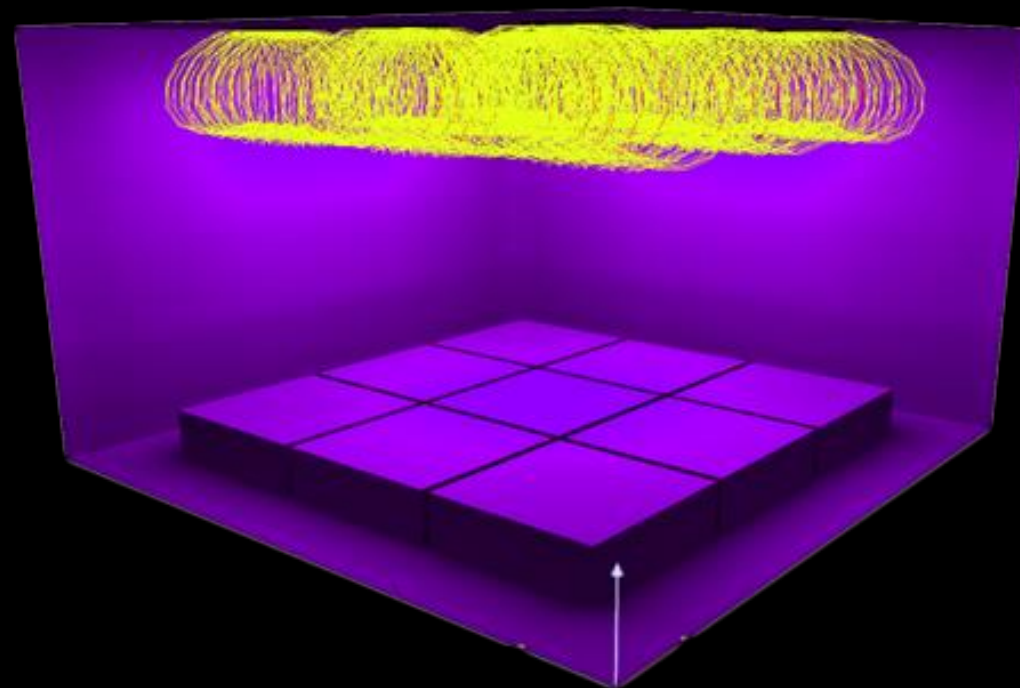
4.5 m

VIOLET with Wicop LED

RESULTS

On workplane at 0.6 m

Average:	50 lx
Min:	48 lx
Max:	51 lx
u0:	0.971



Wicop LED only

RESULTS

On workplane at 0.6 m

Average:	28 lx
Min:	27 lx
Max:	28 lx
u0:	0.979

