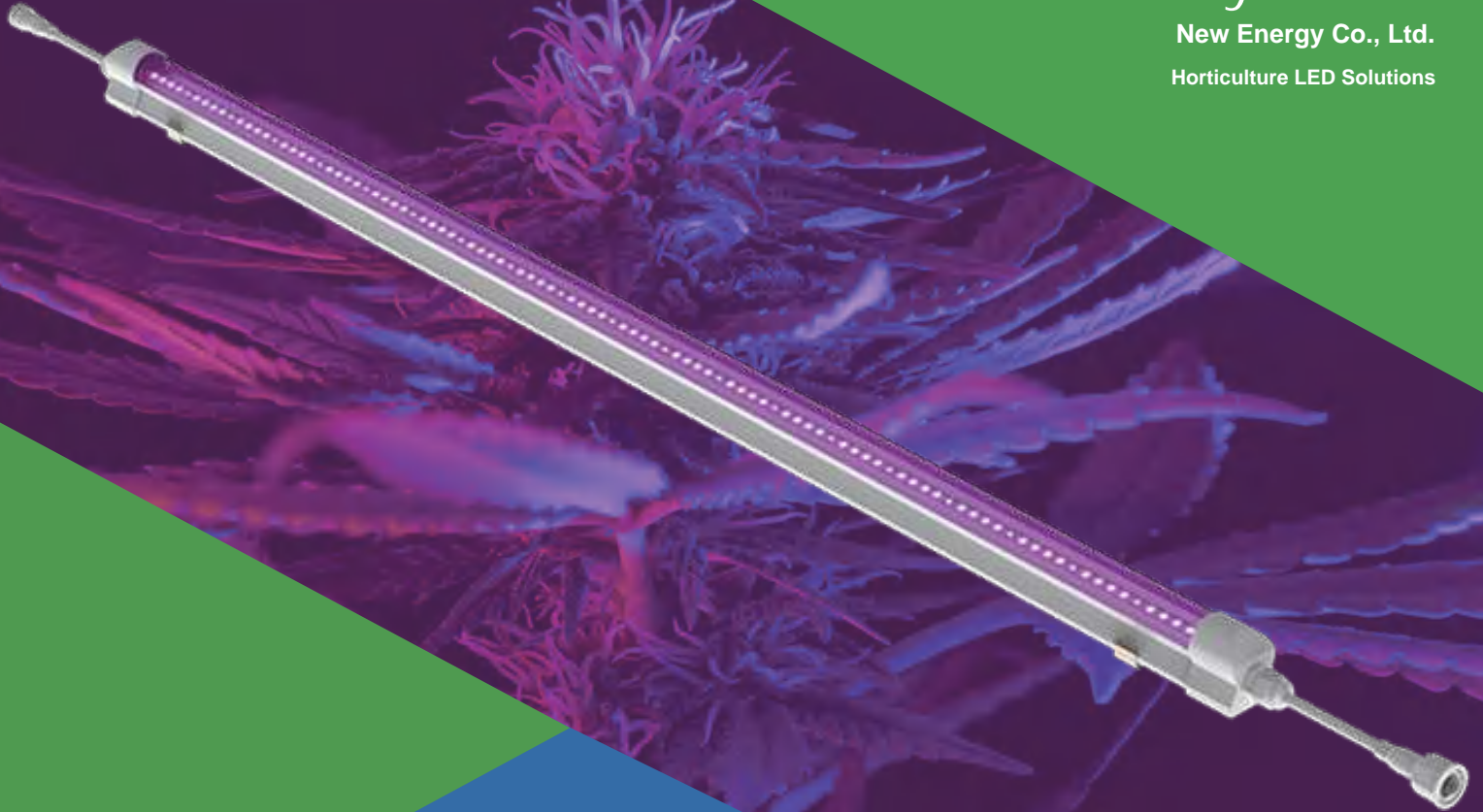


SunnyPower

New Energy Co., Ltd.

Horticulture LED Solutions



MUIZLUX[®]

SG02-A UV SPECTRUM

Supplement your crops with UV radiation

SG Series

Muizlux SG series UV LED light tube uses a spectrum designed to emit wavelengths of 385nm (ultraviolet UVA), very necessary to provoke beneficial photomorphogenic responses, such as the continuous production of resin and with it THC and CBD.

In this way, the quantity and quality of trichomes and terpenes produced are increased, and the best performance of indoor crops is obtained.

It is also very effective in combating the fight against powdery mildew caused by the fungus "Podosphaera pannosa", a disease that seriously damages rose greenhouses.

Visit www.muizlux.com for the latest in lighting innovations from the inventors of the LED



SG02-A UV Grow Lights

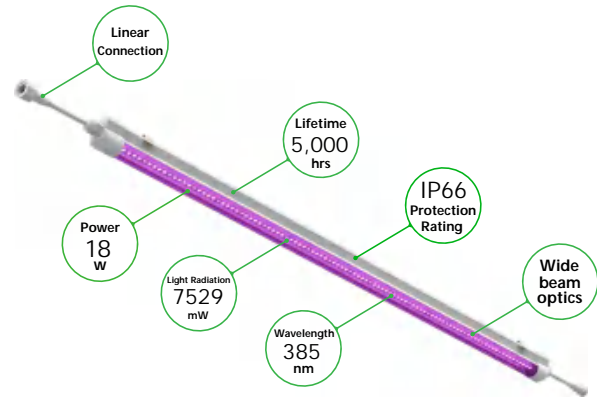
Length with 60cm/90cm/120cm/150cm(24 " /36 " /48 " /59 ")



UVA (315nm-400nm) can increase the content of CBD and THC, accelerate germination, and make seeds adapt better to high-intensity lighting as well as increase the nutrients in vegetables.

By having the perfect balance of UVA in the light spectrum in relation to other wavelengths, you can manipulate the size and biomass of your plants. The secondary metabolite activity elevates THC and terpene content in cannabis flowers as well as the development of antioxidants and phenolic compounds throughout the plant. These help a plant to protect itself at a cellular level from the abiotic stress induced by the the UVA radiation. These secondary metabolites protect the plant not only from light irradiation, but also from pathogens and pests.

During the final 3-weeks of flower, growers might want to use an extra 2 hours of UV light a day. Many growers have found that this will result in more THC-rich trichomes which cannabis plants developed to protect themselves from the sun. A good rule of thumb is to use no more than 1-watt per square foot of UV light per day. And finally, it is important to keep in mind that UV rays can slow down and stress cannabis plants if they're used in other stages of growth, or if too much is used in a day.



Key benefits

- Increase photosynthetic rates when supplied in conjunction with PAR light;
- Stronger, more robust seedlings / cuttings in propagation;
- Offset the stretching effect of far-red;
- Help ward off pests;
- More accurately recreate lighting diet of higher altitude species;
- Stimulate more, flavonoids, stilbenes and other beneficial compounds;
- Disease combat the white mold of the Roses.

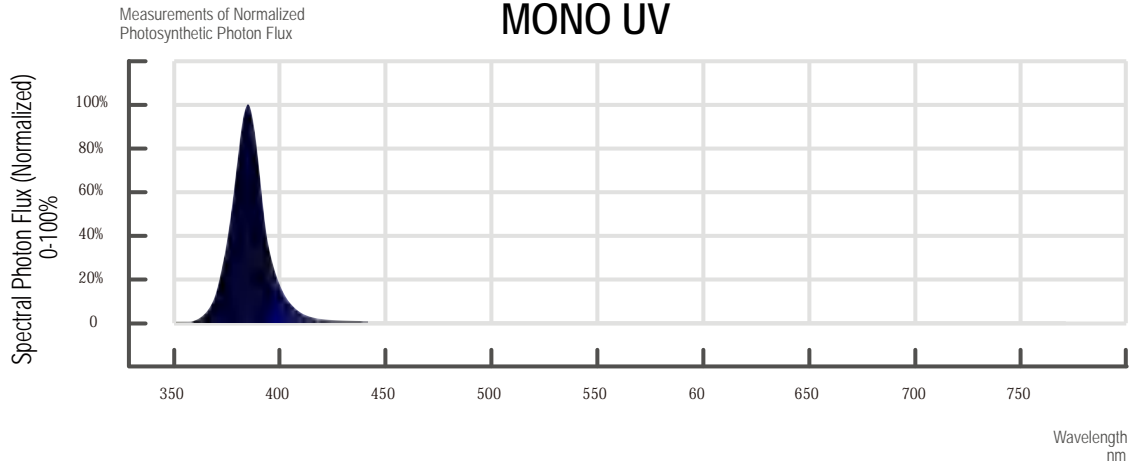
Specification		0.6m / 24 "	0.9m / 36 "	1.2m / 48 "	1.5m / 59 "
Light Radiation	mW	≥ 3764	≥ 5856	≥ 7529	≥ 10039
Power consumption	W	9	14	18	24
Power factor		> 92%			
Input Voltage		100-277V AC, 50/60Hz			
Light Distribution		120°			
Spectrum		UVA Spectrum (385nm)			
Ingress protection rating		IP66			
Lifetime(Driver and LED L90)	hrs	> 5,000			
Certifications		FCC,CE,UKCA,PSE,ROHS			
Warranty		1 Year Standard			

SG02-A UV Grow Lights

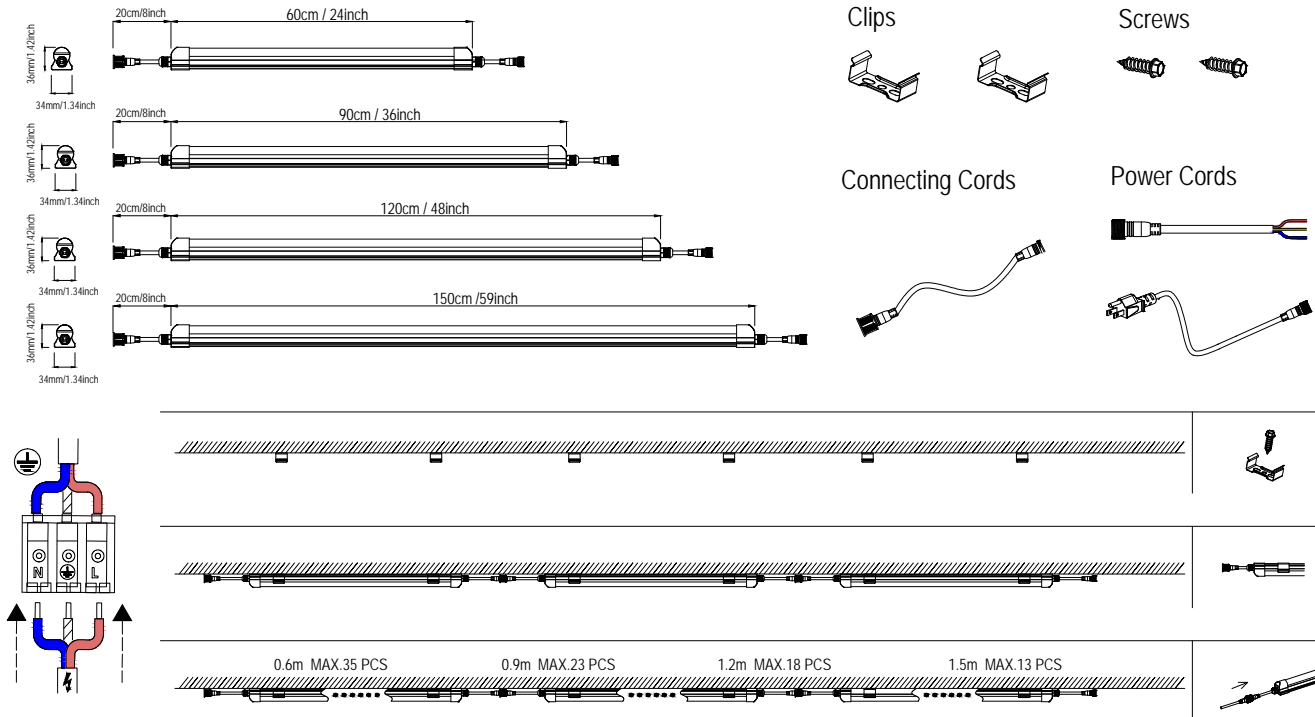
Length with 60cm/90cm/120cm/150cm(24 " /36 " /48 " /59 ")



Spectral Distribution



Dimensions & Installation



SG02-A UV Grow Lights

Length with 60cm/90cm/120cm/150cm(24 " /36 " /48 " /59 ")



Application

Muizlux SG series have the thin and lightweight design, nevertheless which works with internal power supply. The IP66 level is provided protection against for High humidity level environment. SG series is suitable for lots of application such as indoor growing, greenhouse, vertical farming, Scientific Practices etc.



Boost the power of THC and CBD

Ultraviolet rays encourage plant to defend themselves, forcing them to produce and concentrate more resin, increasing the potency and quality of the THC and CBD levels of the resulting germs.



Disease combat the white mold of the roses

The use of Muizlux UV LED light tube for cultivation contributes to the resistance of roses against pathogens and herbivores thanks to the ultraviolet radiation it emits. This way you encourage your crops to grow healthier and more vigorously.

Package



Par No.	Weight/PC(KG)	QTY/CTN	Out Carton Size(mm)	N.W.(KG)	G.W.(KG)
SG02-A-60cm	0.21	30PCS	W290*H255*L650	6.3	6.8
SG02-A-90cm	0.27	30PCS	W290*H255*L950	8.1	8.7
SG02-A-120cm	0.34	30PCS	W290*H255*L1250	10.2	11.0
SG02-A-150cm	0.43	30PCS	W290*H255*L1550	12.9	14.0



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