

SunnyPower

New Energy Co., Ltd.

Horticulture LED Solutions

MUIZLUX[®]

SG03 Tissue Culture Grow Lights

Create the best light recipe for tissue culture

**Lighting designed to meet
the unique needs of tissue culture**

Muizlux SG-series grow light Tube is an LED replacement for fluorescent lights found in tissue culture laboratories or Growth Chambers. You get all of the LED advantages of longer life, energy savings and lower maintenance.



Tissue Culture



Seedling



Scientific Practices



Grafting

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

10
YEARS
OF
HORTICULTURAL
LIGHTING

SG03 Tissue Culture Grow Lights

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



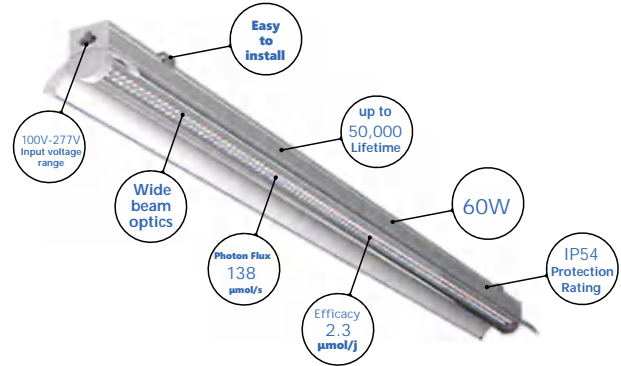
The Muizlux LED grow light tube offers a unique platform for single and multi-layer crop cultivation plant factories.

By positioning the LED grow light tube as close as possible towards the crops, all the produced light is steered in the crop in the most effective way.

LEDs (light-emitting diodes) are set to play a major role in horticultural lighting in general, and tissue culture in particular. With LED lighting, the spectral output – growth light – can be tuned, which makes it possible to apply the optimum 'light recipe' at every stage of a crop's growth.

Based on our experience with light recipes for tissue culture we have released spectrums for different applications. Parallel our research team is closely working with various tissue culture lab for different crops.

It is expertise that - together with our advanced product technologies - can significantly improve results for tissue culture producers.



Key benefits

- Proven recipes for different crops.
- Higher multiplication factor.
- Better rooting quality.
- Higher survival rate in rooting.
- Improved/controlled stretching process.
- Speeding-up of hardening phase.
- Improved survival rate in greenhouse due to more hardened plants.
- Shortening of total growth cycle.

Specification		0.6m / 24 "	0.9m / 36 "	1.2m / 48 "	1.5m / 59 "
Lumen output	μmol/s	60.0-69.0	90.0-103.5	120.0-138.0	140.0-161.0
Power consumption	W	30	45	60	70
Efficacy	μmol/J	2.0-2.3			
Power factor		> 90% at full load			
Input Voltage		100-277V AC, 50/60Hz			
Light Distribution		120°			
Spectrum		Tissue culture specialty spectrum			
Ingress protection rating		IP54			
Lifetime(Driver and LED L90)	hrs	> 50,000			
Certifications		FCC,CE,UKCA,PSE,ROHS			
Warranty		3 Year Standard			



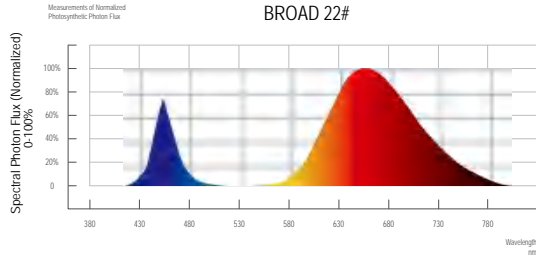
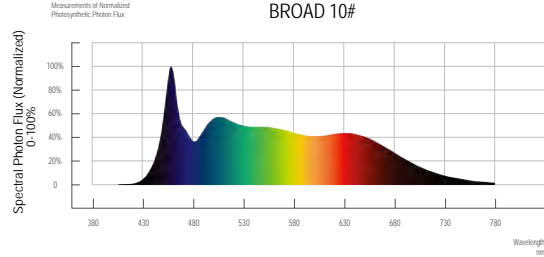
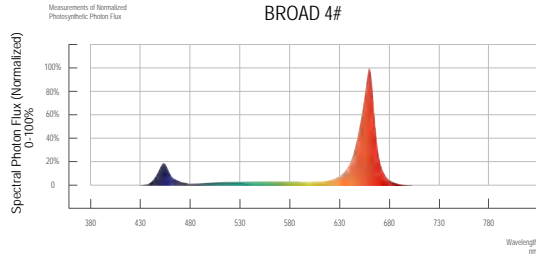
Contact **Muizlux**
 support@muizlux.com
 www.muizlux.com

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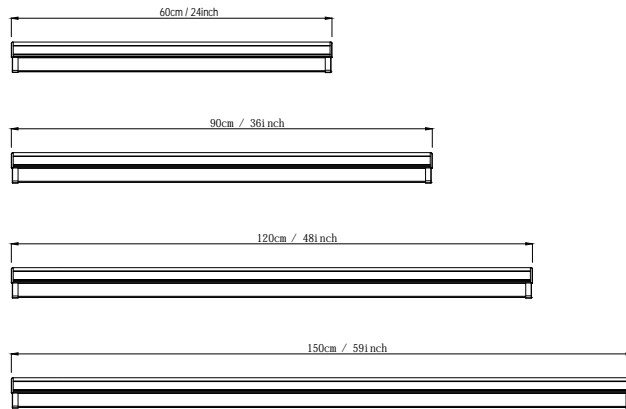
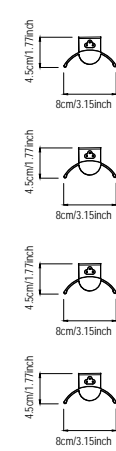


Spectral Distribution



Customized Spectrum

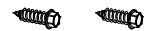
Dimensions & Installation



Clips



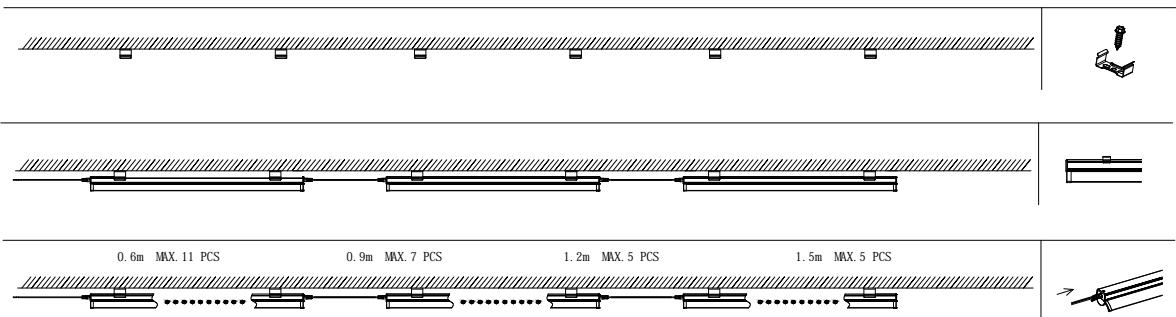
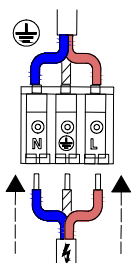
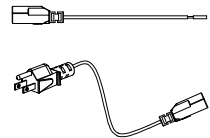
Screws



Connecting Cords



Power Cords



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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 tissue culture, scientific practices, seedling etc.



Tissue Culture



Seedling Cultivation



Scientific Practices

Package



Par No.	Weight/PC(KG)	QTY/CTN	Out Carton Size(mm)	N.W.(KG)	G.W.(KG)
SG03-60cm	0.34	24PCS	W410*H395*L630	8.2	8.7
SG03-90cm	0.50	24PCS	W410*H395*L930	7.5	12.5
SG03-120cm	0.65	24PCS	W410*H395*L1230	9.6	16.4
SG03-150cm	0.79	24PCS	W410*H395*L1530	12.3	20.0



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