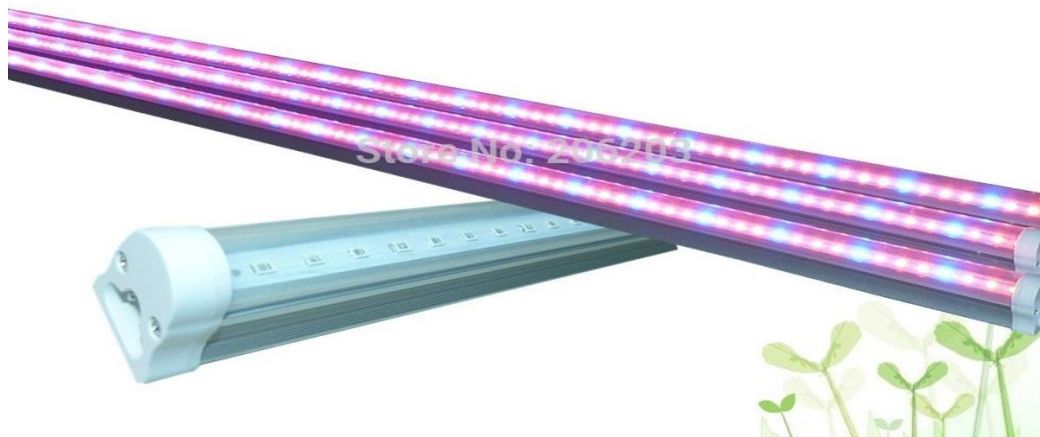


## Tissue Culture Grow Light



### TSGL8

**Model:**

- 1) TSGL8-16
- 2) TSGL8-20
- 3) TSGL8 - 09

**Certification:** CE,RoHS**Spectrum :** Nx4.1 & Nx6.1**Minimum Order:** 50 pcs**Brief Description:**

LED grow bar  
i. 22w, 18w/4ft

380nm-730nm available, full spectrum; IP 58; best for commercial growing; also available in custom-tailored spectrum

#Grow Fast, High Efficiency

- Best for commercial growers
- The optimal lighting solution is different for every crop
- Based on successful tests at our 1000 sq.ft testing facility, Nexsel have been developed different lamps with specific light recipes for different plants
- Nexsel has 4 years+ experience in horticulture lighting
- Nexsel use special horticulture grade led chips with high PPF value

The colour blend is engineered to promote healthy plants through all growth phases. Cost-efficient, reliable and safe, it runs cool and it is worth every penny.

✓ **Key Features**

- 1.3X more intensity ( PPF 2.2 -2.4  $\mu\text{mol}/\text{J}$ )
- Specially designed connectors
- Customized spectrum
- Clear diffuser
- Flicker free output
- Eliminates the need for ballasts and reflectors
- Stays cool thanks to internal heat dissipation design

✓ **Advantages**

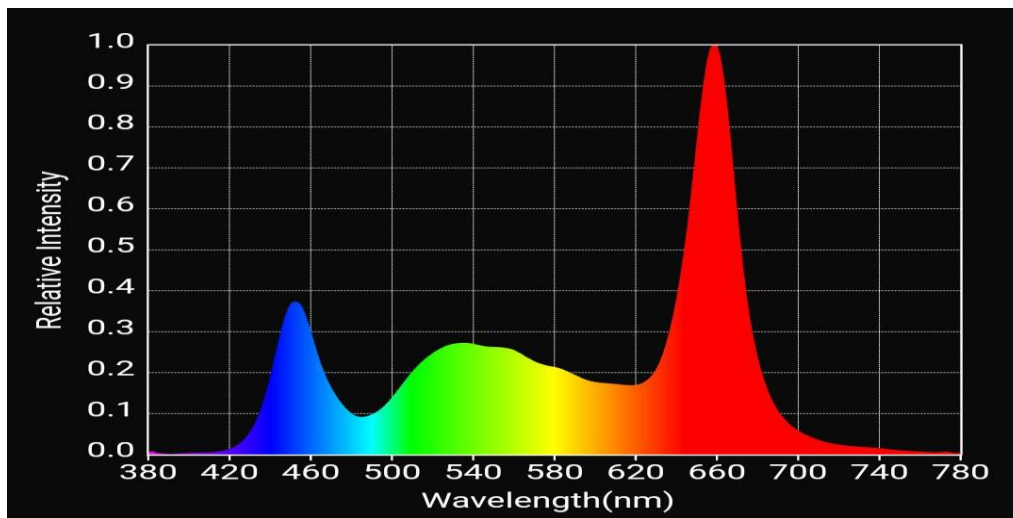
- 15% less harvesting time
- More profound colour
- Proper leaf texture
- Clear diffuser increase the intensity for same wattage
- Better photosynthesis process due to flicker free light
- 24 months warranty

✓ **Benefits**

- 60% less electricity consumption compared with conventional lighting
- Save 80% wiring cost per layer
- Save 60-70% installation time

## Spectrum Details

Nx6.1



## Technical Specifications

Operating Voltage	80-300 V
Power Consumption	22/18/09 w
Driver Current	300 mA
Weight	300/200 gm
Dimensions ( in mm)	1200x35x30 / 600x35x30
Operating Temperature	0° C to 45° C
Light Source	0.5 w L
Qty of Led's	56
Efficiency	0.88
Power Factor	0.98
PPFD	PPFD 40 from 30 cm
Wavelength	450 nm, 660 nm
LED Life	50,000 Hours



Field Work Photo