

Hydroponics Grow Light



HYGL8.1

Model:

- 1) HYGL8.1 - 32

Certification: CE,RoHS

Spectrum : Nx7

Minimum Order: 50 pcs

Brief Description:

LED grow bar

- i. 32w/4ft

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

- 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
- 100% payback policy; of plants not grown properly
- Nexsel use special horticulture grade led chips with high PPF value
- The color 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
- Optimized spectrum for strawberry for minimum energy consumption
- Flicker free output
- Stays cool thanks to internal heat dissipation design

✓ Advantages

- 20% less power consumption
- Easy installation with specially designed connector
- Save installation time
- Better production with optimum spectrum
- Better photosynthesis process due to flicker free light
- Passive cooling
- 18 months warranty

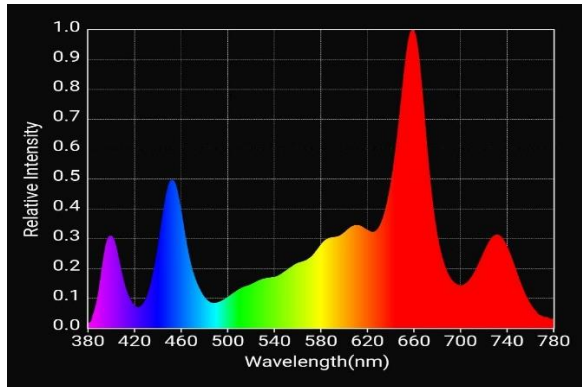
✓ Benefits

- 20% saving electricity bill
- Save 80% wiring cost per layer
- Save 60-70% installation time



Spectrum Details

Spectrum Graph - Nx7



Technical Specifications

Operating Voltage	80-300 VAC
Frequency	50-60 Hz
Power Consumption	38 w
Power Supply Current	300 mA DC
Weight	450 gm
Dimensions (in mm)	1200 mm x 35 mm x 30 mm
Operating Temperature	0° C to 45° C
Light Source	0.2 w
Efficiency	0.90
Power Factor	0.98
PPF	2.2-2.4 μ mole/J
Wavelength	380nm-740nm
Heat Dissipation	54 btu/hr
LED Life	50,000 Hours