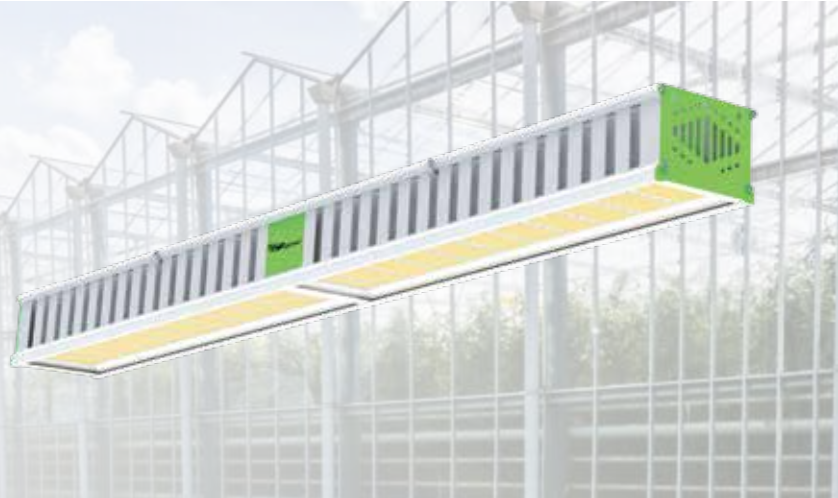


### The Lighting Solution for Optimal Growth

The TG-800HVR top light fixture is designed to optimize large-scale commercial cultivation in both indoor and greenhouse environments. With an IP66 rating for superior dust and water protection, the fixture utilizes remote ballasts to provide unlimited layout flexibility while removing excess heat from the grow room. The result is simplified installation, easier maintenance, and unparalleled performance.



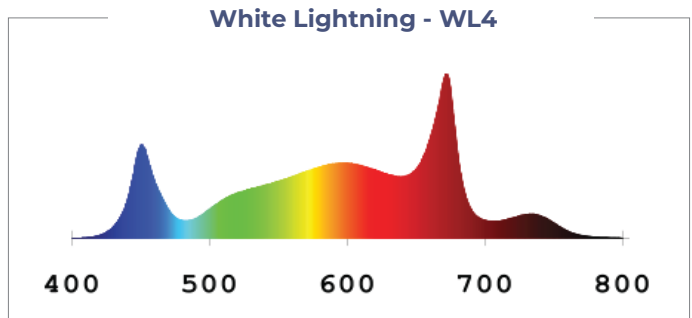
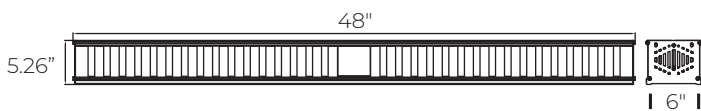
## TG-800HVR-WL4-G3

For Vertical Farming, Greenhouses and Indoor Growing  
 Greenhouse: Top Light, Supplemental, Other  
 Indoor: Stacked and Non-Stacked, Top Light, Supplemental, Sole-Source, Other

Spectrum	WL4
PPF	2304 $\mu\text{mol/s}$
Input Power	0-800W
Input Voltage	240-260V DC
Weight	22 lbs
Efficacy	2.88 $\mu\text{mol/J}$
Dimming & Control	0-10V Dim to Off
Connectors	Quick Disconnect
Integral Control	Energy Monitoring
IP Rating	IP66
Max. Operating Temperature	40°C
Thermal Management	Passive
Lifetime	Q90 >50,000 hrs
Certifications	UL8800, ETL, DLC
Heat Output	up to 2731 BTU/hr
Warranty	5 Years

- + Daisy Chain - Easy Play n Play
- + Remote Ballast / Driver
- + IP66 with Lens for Easy Cleaning & Wash Downs
- + Centralized Trouble Shooting and Maintenance
- + Highly Efficient & Cost Effective
- + Full Spectrum
- + Zone, Local, and Cloud Control
- + No Local On Fixture Ballast
- + No Dimming Wires, Contactors or Relays Needed

### TECHNICAL DIAGRAM



### +Suggested Wiring Size

Wire Distance Chart			
Up to 300°	Up to 500°	Up to 700°	Up to 1000°
12 Awg	10 Awg	8 Awg	6 Awg

### Remote Power Management

Unlike conventional lighting fixtures, TSRgrow LEDs utilize a remote power management system for full power, control and monitoring of your grow. Centrally located in the facility, each TGHV remote power server provides up to 24000W while eliminating ballast heat from your grow rooms and reducing HVACD equipment needs and CAPx investment cost. It also eliminates the need for any contractors, relays or any fixture-to-fixture dimming wires. As regulations change, TSRgrow tunable fixtures can adjust to the next level of requirements while keeping production at full capacity.

- ✓ Sustainable Power
- ✓ 100% Digital Zone Control & Monitoring
- ✓ Local + Cloud Enabled
- ✓ No Dimming Wires
- ✓ Energy Rebates and Cost Savings
- ✓ Plug N' Play Maintenance
- ✓ 5 Year Warranty

## High Voltage Remote Driver

Ideal for large scale growing

Power Factor	>0.98
Efficiency	95%
Input Power	208-480 VAC
Location	Outside Grow Room
Output Power	HVDC
Dimming	Yes
Local and Cloud Control	Yes
Scheduling	Yes
Monitoring	Yes
DLI Control	Yes

## Lighting as a Platform (Laap)



- + Lighting as a service, the right amount at the right time
- + Set and automate your growing profiles. Remote monitoring, no more wondering
- + Build your financial model on consistent production and quality with TSRgrow™ distributed LED lighting solutions
- + Centralized operation and maintenance outside the grow area, no contamination or disruption to schedules
- ✓ Distributed Power
- ✓ Tunable Power
- ✓ Full Lighting, Power Control, and Monitoring
- ✓ Local + Cloud enabled
- ✓ Reduces HVAC load
- ✓ Compatible with TOTALgrow Solution™
- ✓ Plug N' Play Maintenance
- ✓ 5 Year Warranty