GROWER'S CHOICE
HORTICULTURAL LIGHTING

Model _____ Date _____

Job Name _____ Type _____

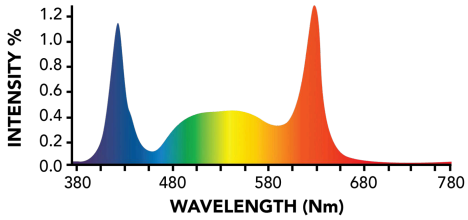
TSL-800 LED 1:1 HPS Replacement

The Grower's Choice TSL-800 is a direct 1:1 replacement for traditional 1000 W HPS fixtures. At 800 W input it delivers 2,400 µmol/s of PPF at an efficacy of 3.0 µmol/J. Our patented passive thermal management design improves cooling capacity by up to 40%, and our patented diode deployment achieves the desired light-distribution angles while delivering up to 30% more PAR output with the GC-3KF Bloom Phase spectrum.

Compatible with the Grower's Choice Master Controller or CPS (Central Power Solution), the TSL-800 is easy to operate at any experience level and scales to cultivation facilities of any size.







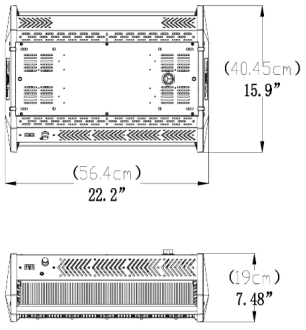
Features

- 1:1 replacement for 1000 W SE/DE HPS
- GC-3KF Bloom Phase spectrum
- Passive cooling — no fans
- 0–10 V and step dimming
- 208–480 VAC input · IP65
- ETL listed · DLC listed
- Master Controller & CPS compatible

Ordering Information

Series	Model	Spectrum
TSL	800	3KF – 3K Full Bloom Phase

AC Plug Type	AC Power Cord	Mounting Hardware
N6P – NEMA 6-15P	01 – 1 ft (9 ft total)	R – Rope ratchets
L7P – NEMA L7-15P	08 – 8 ft (16 ft total)	SO – Special order
PTP – Pigtail	15 – 15 ft (23 ft total)	



Nominal Amperage by AC Input Voltage @ 800 W				
Voltage	208V	240V	277V	480V
Amperage	4.0A	3.4A	2.9A	1.7A

Grower's Choice TSL-800	
Light Source	LED
Spectrum	GC-3KF Bloom Phase
PPF	2,400 µmol/s
Input Power	800 W
Efficacy (PPE)	3.0 µmol/J
Input Voltage	208–480 VAC
Dimensions (L × W × H)	22.2" × 15.9" × 7.48" (56.4 × 40.45 × 19 cm)
Weight	32 lbs (14.5 kg)
Thermal Management	Passive
Power Driver	Isolated, ~90% efficiency (220 VAC)
Dimming	0–10 V & step dimming (10–100%)
Light Distribution	120°
Max. Ambient Temperature	104°F (40°C)
Power Factor	>0.9
Ingress Rating	IP65
Standards	ETL listed · DLC listed
Certifications	ETL, DLC
Lifetime	Q90 >54,000 hrs
Warranty	5-year standard warranty

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