GROWER'S CHOICE
HORTICULTURAL LIGHTING

Model _____ Date _____

Job Name _____ Type _____

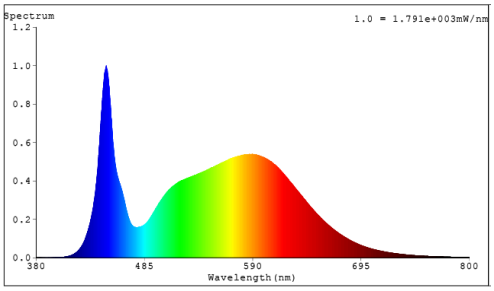
ROI-FV-320 LED Fixture

The Grower's Choice ROI-FV-320 is a high-efficiency LED fixture engineered for commercial vegetative and mother-plant rooms. At 320 W input it delivers 928 µmol/s of PPF at an efficacy of 2.9 µmol/J, giving cultivators uniform canopy coverage without relying on excessive red loading.

Built on our GC-5KF vegetative spectrum and premium diode and driver technology, the ROI-FV-320 maximizes light output and spectral quality while keeping operating costs low. It supports 0–10 V dimming for integration with commercial lighting controllers, as well as onboard dimming for standalone rooms.







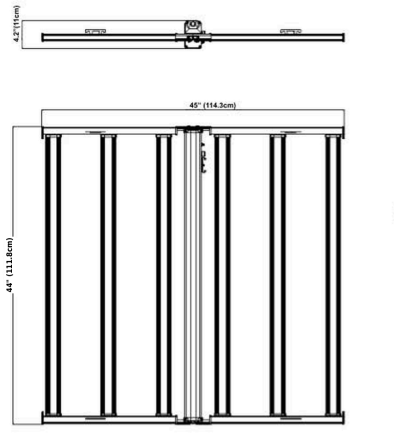
Features

- GC-5KF 5K vegetative spectrum
- 0–10 V and onboard dimming
- 208–480 VAC input
- IP65 rated for damp locations
- DLC listed · ETL certified
- Grower's Choice controller compatible

Ordering Information

Series	Model	Spectrum
ROI	FV-320	5K – GC-5KF Vegetative

AC Plug Type	AC Power Cord	Mounting Hardware
N5P – NEMA 5-15P	01 – 1 ft (9 ft total)	R – Rope ratchets
N6P – NEMA 6-15P	08 – 8 ft (16 ft total)	SO – Special order
L7P – NEMA L7-15P	15 – 15 ft (23 ft total)	
PTP – Pigtail		



Grower's Choice ROI-FV-320	
Light Source	LED
Spectrum	GC-5KF (5K vegetative)
PPF	928 µmol/s
Input Power	320 W
Efficacy (PPE)	2.9 µmol/J
Dimensions (L × W × H)	45" × 44" × 4.2" (114.3 × 111.8 × 10.7 cm)
Weight	19.2 lbs (8.7 kg)
Input Voltage	208–480 VAC, 50/60 Hz
Power Driver	Isolated driver
Driver Efficiency	~90%
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
Certifications	ETL, DLC
Lifetime	Q90 >54,000 hrs
Warranty	5-year standard warranty

Nominal Amperage by AC Input Voltage @ 320 W				
Voltage	208V	240V	277V	480V
Amperage	1.68A	1.5A	1.3A	0.72A

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