GROWER'S CHOICE
HORTICULTURAL LIGHTING

Model _____ Date _____

Job Name _____ Type _____

AG-140 Single-Bar LED Fixture

Elevate your cultivation environment with the Grower's Choice AG-140. Used as an under-canopy or single-bar fixture, it creates a more uniform vapor pressure deficit (VPD) across the top, middle, and bottom of the plant, enhancing flower development and eliminating underdeveloped lower buds (B-buds).

The AG-140 is available in two spectrums, a 3K full-phase spectrum and a red-enhanced (R80) spectrum, both engineered to boost flower quality, density, and overall yield. Its IP65 rating provides exceptional durability, easy cleaning, and robust resistance to IPM sprays and irrigation. Power and data daisy-chain through a single connection, eliminating the need for additional wiring.

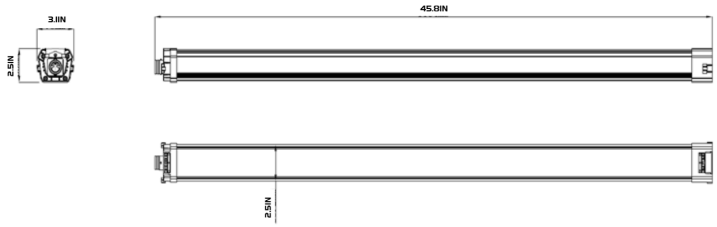
Features

- 3K full-phase or R80 red-enhanced spectrum
- 120–277 V (L) or 277–480 V (H) input
- Single-connection power and data daisy chain
- 0–10 V dimming
- IP65 rated: washdown and IPM-spray resistant
- Under-canopy, single-bar, or multi-bar frame mounting

Models

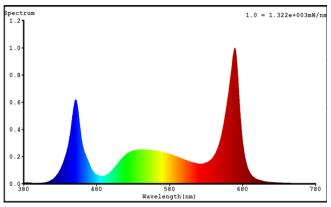
Model	Spectrum	Voltage	PPF
AG-140LW	3K Full Phase	120–277 V	420 µmol/s
AG-140HW	3K Full Phase	277–480 V	420 µmol/s
AG-140LR	R80 Red	120–277 V	455 µmol/s
AG-140HR	R80 Red	277–480 V	455 µmol/s

** Cords and accessories are sold separately.*

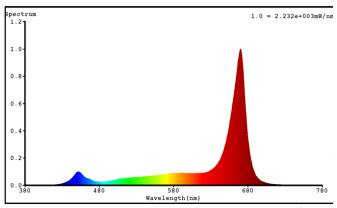


Dimensions: 45.8" L × 3.1" W × 2.5" H (116.3 × 7.9 × 6.4 cm)





3K Full Phase · 3.0 µmol/J



R80 Red Enhanced · 3.25 µmol/J

Grower's Choice AG-140	W (3K Full Phase)	R (Red Enhanced)
Spectrum	3K Full Phase	R80 Red Enhanced
PPF	420 µmol/s	455 µmol/s
Efficacy (PPE)	3.0 µmol/J	3.25 µmol/J
Input Power	140 W	140 W
Input Voltage	L: 120–277 VAC · H: 277–480 VAC	L: 120–277 VAC · H: 277–480 VAC
Dimming	0–10 V	0–10 V
Dimensions	45.8" × 3.1" × 2.5"	45.8" × 3.1" × 2.5"
Weight	4.85 lbs (2.2 kg)	4.85 lbs (2.2 kg)
Ingress Rating	IP65	IP65
Lifetime	Q90 >54,000 hrs	Q90 >54,000 hrs
Warranty	5 years	5 years

Nominal Amperage by AC Input Voltage @ 140 W						
Voltage	120V	208V	240V	277V	347V	480V
Amperage	1.24A	0.69A	0.60A	0.56A	0.44A	0.32A
Max. Daisy Chain	10	19	22	24	30	42

L models: 120–277 V columns; H models: 277–480 V columns. Nominal values. Daisy-chain maximums are fixtures per powered run. Branch-circuit protection and cord sizing must comply with local and national electrical codes.

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