



TRI-SPEC 150W UCL

Tunable 3-Channel Spectrum Undercanopy LED

NOT JUST MORE LIGHT. MORE YIELD.



FULL + RED | FAR-RED | UV

THE POWER OF PRECISION SPECTRUM

Tri-Spec does what top lighting can't. It drives structure, hits the sites that usually get left behind, and boosts resin, color, and aroma. With three fully tunable channels, you can adapt by phase or cultivar and reclaim yield that would have gone to waste. More control. More quality. More return, every run.



450 UMOL/S
150W



3 CHANNEL
Tunable Spectrum



IP66
Washdown Ready



5 YEAR
Warranty

WHY TRI-SPEC CHANGES THE GAME

- Full+Red:** Drives structure, vigor, and rapid bloom onset with balanced, lasting intensity.
- Far-Red (730 nm):** Penetrates deeper, triggers Emerson effect for faster, fuller runs.
- UV:** Powers resin, color, and terpene production for unbeatable bag appeal.
- Bigger Buds, Faster ROI:** Turns larf into weight while paying back in a single run.
- Tri-Chan Compatible:** Unlocks custom recipes, scheduling, and complete spectrum control.

Input Power	• 150 W
PPF	• 450 μ mol/s
Efficacy	• 34 μ mol/J - White/Red Channel Only • 29 μ mol/J - White/Red + Far Red + UV Combined
Spectrum Control	• Tunable 3-Channel (White/Red, FR, UV)
Dimming	• 0-10 V
Beam Angle	• 120°
Voltage	• 120-277 V
Current Draw	• 1.25 A max
Power Factor	• ≥ 0.96

THD	• ≤ 15 %
IP Rating	• IP66 (Water & Dust Resistant)
Thermal Management	• Passive (Fanless)
Lifetime	• L80 ≥ 50,000 hrs
Mounting Height	• 8"-20" (20.3 cm-50.8 cm) under canopy
Dimensions	• 45.9" x 3.2" x 3.2" (116.6 cm x 8.1 cm x 8.1 cm)
Weight	• 7.9 lbs (3.58 kg)
Operating Temp/Humidity	• 32°F-95°F / 0-95% RH
Warranty	• 5 Years

DIAL IN YOUR PLANTS' POTENTIAL.



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