

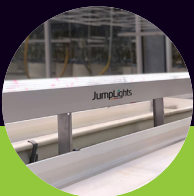
New!

Catalyst[®] MOBILE

The Catalyst[®] Mobile breaks through the barriers that have long kept under canopy lighting out of greenhouse cannabis grows—especially those using mobile grow tables and high-voltage infrastructure.

Purpose-built for safety, mobility, and flexibility, this system brings the performance of the original Catalyst[®] into spaces where under canopy lighting was previously thought to be impossible. Growers can now **expect yield increases up to 40%** in facilities with mobile container systems and high voltage. By keeping the high voltages away from workers, simplifying installation across rows of mobile grow tables, and increasing yields, the Catalyst[®] Mobile is rewriting what's possible in greenhouse cultivation.

The First
Under Canopy Light
Engineered for
Mobile Grow Tables
and **480 V Power**



Safe for High Voltage

Safely operates from 208–480 VAC, keeping high voltages away from workers.



Designed for Mobility

Securely mounted to greenhouse mobile grow tables with a remote driver.



High Efficacy Output

Up to 2.9 $\mu\text{mol/J}$ (DC) for efficient light output per Watt.



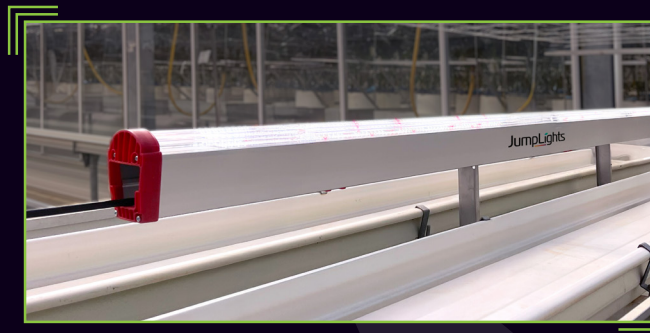
Higher Yields

Increase light to your lower canopy and get up to 40% more premium flower.

Key Benefits

✱ Voltage Compatibility Without Compromise

Runs from standard 208–480V greenhouse power while distributing safe, low-voltage DC (under 250V) to fixtures near plant level.



✱ Purpose-Built for Mobile Grow Tables

Engineered to mount directly to greenhouse rolling benches with durable brackets designed to stay secure through bench movement and relocation.

✱ Simple Unplugging for Table Movement

A single plug allows the mobile grow table to easily connect to a remote driver positioned above the table location.

✱ Proven Yield Increases

Early adopters report 20–40% yield increases by delivering more light where it usually is lacking—beneath the canopy.

✱ Greenhouse Optimized Spectrum

Tailored light spectrum enhances productivity in full-sun or supplemental-lighting scenarios.

Key Features

✱ Two Power Options

340W (High Power)
260W (Medium Power)

✱ High Efficiency LEDs

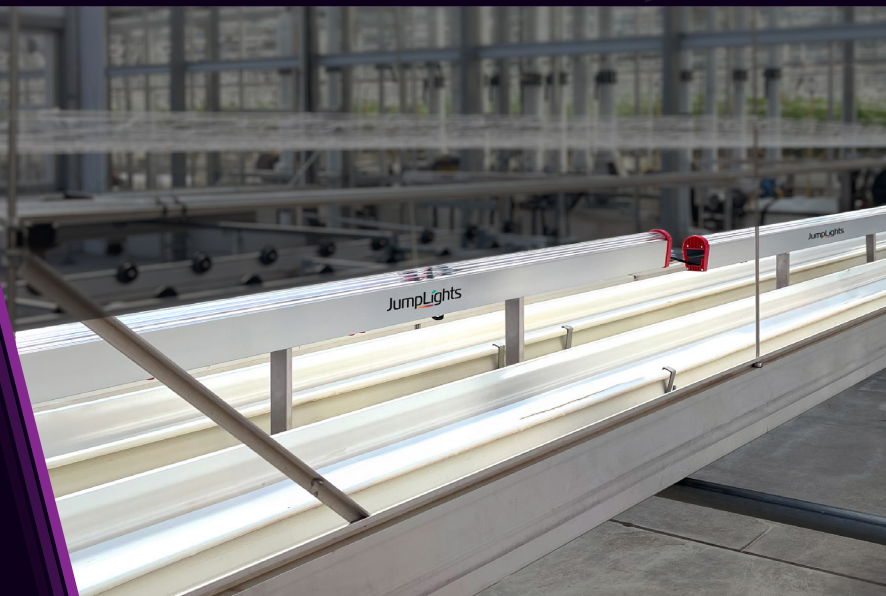
Up to 2.9 $\mu\text{mol/J}$ (DC)

✱ “Driver-Stays-Put” Design

Plug/unplug fixtures while keeping high-voltage drivers mounted overhead

✱ Withstands Moisture & Movement

Built for greenhouse environmental stresses



**Increase Yield
up to 40%**

Extend light deeper into the canopy and convert more of your crop into high-quality product.

Key Attributes

Polycarbonate Lens

Light shaping lens that protects and is easy to clean.

High-Quality LED Diodes

High-quality bins from a leading manufacturer ensure long-term performance and reliability.

IP65 Rating

IP65 Rating ensures fixture reliability while providing peace of mind.

Mobile Grow Table Mounts

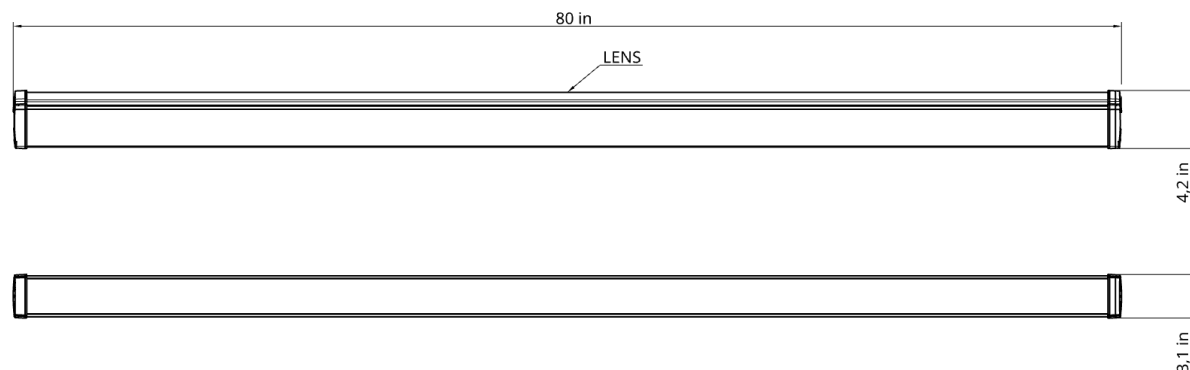
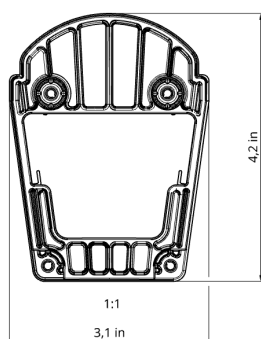
Custom engineered to mount directly to greenhouse mobile grow tables and containers.

Waterproof Daisy Chain Connections

Design of heat sink extrusion allows for proper heat dissipation while also creating a recessed area for electrical components to be protected from the elements.

Catalyst® Dimensions

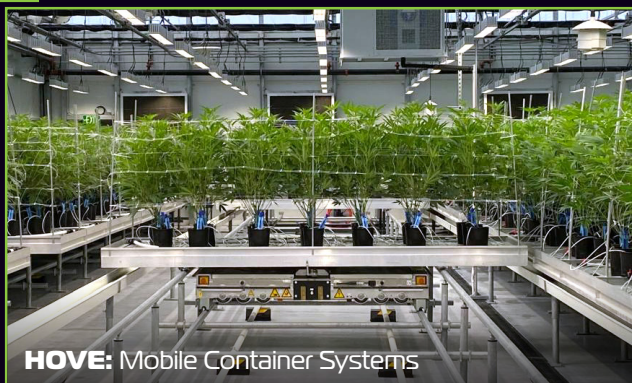
CUSTOM MOUNT EXCLUDED FOR THESE DIMENSIONS



Configurations & Power Options

Mobile Grow Table Compatibility

- ✓ Custom made to fit all sizes of mobile containers
- ✓ Compatible with all major brands of mobile grow tables and containers, including but not limited to the following examples:

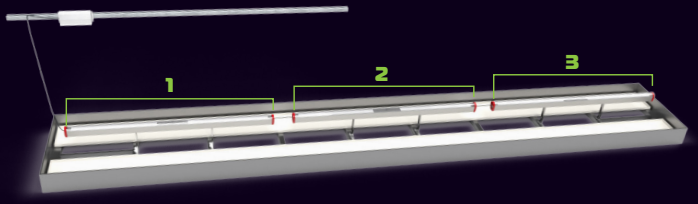


Power Configuration Examples:

NOTE: The following renderings are representations to demonstrate how remote drivers connect to daisy chained fixtures in various configurations and power options. Additional configurations are available.

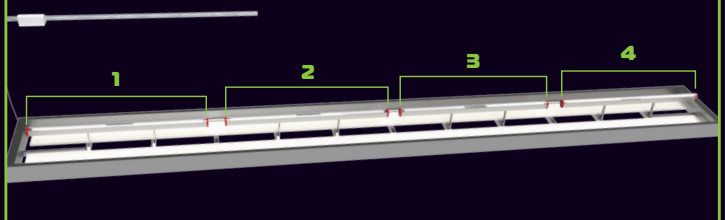
3 High Power Units, Single Row

3 Catalysts up to 340W, 1 driver



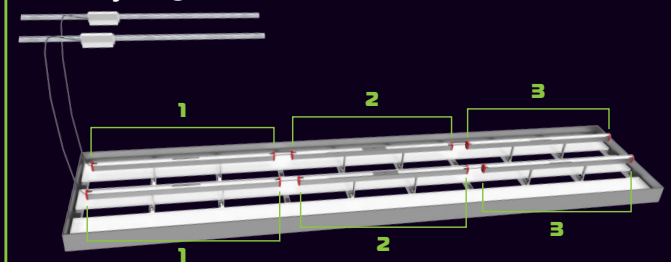
4 High Power Units, Single Row

4 Catalysts @ 320W, 1 driver



6 High Power Units, Dual Row

6 Catalysts @ 320W, 2 drivers



Remote Driver

Keeps high voltage away from workers



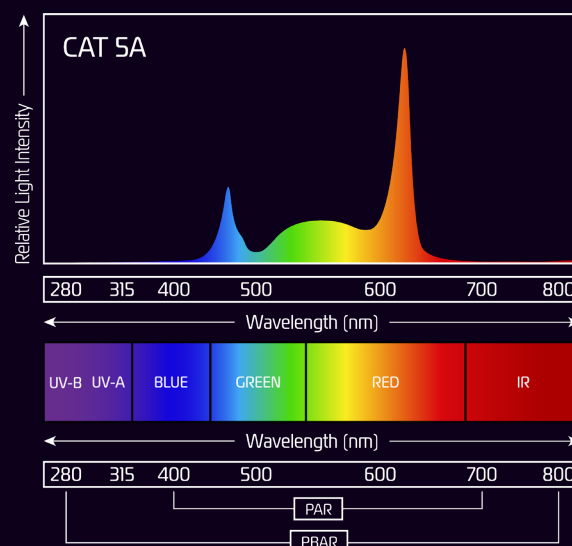
Catalyst® Mobile Specifications - Single Unit

	CA GH - 340	CA GH - 260
PPF: (μmol/s)	930	720
Efficacy: (μmol/J)	2.9	2.9
Spectrum	Broad Spectrum — 52% Red	
Environment	Greenhouse	
Lighting Scheme	Under Canopy, supplemental	
Certifications	UL8800 Wet Location, IP65, DLC (pending)	
Warranty	5 years	
Dimensions	4.5"H x 3"W x 80L	
Weight	11 lbs	
Ambient Temperature	40° C max	

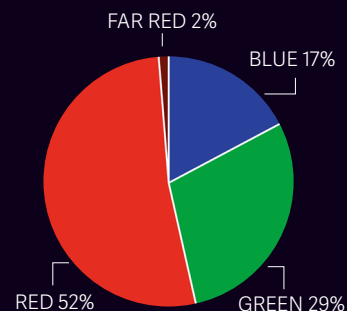
Remote Driver

	CA GH - 340	CA GH - 260
AC Input (V)	208-480V	
AC Power (W)	1275W	
AC Current 480V (A)	2.7	
AC Current 277V (A)	4.65	
Units Powered	3 or 4	5 or 6
Dimming	0-10 VDC, Dim to Off, wired with LLT M12 connector	

Spectrum



Ratio



We don't outsource innovation—we provide smart engineering, hands-on assembly, and performance you can count on.



Years of R&D and field-tested results



Engineering support straight from the source



One-of-a-kind patented designs



JumpLights proudly designs, engineers, assembles, and quality tests every product in our U.S. headquarters, ensuring top quality reliability, and support.

