



SKU:

ILUM-CTRL-HASH2



Horticultural Automated Sensor-based Habitat

- ▶ Control light intensity from 0-100% for hundreds of light fixtures per zone.
- ▶ Onboard relays give the ability to control external contactors for cutting power to light fixtures.
- ▶ Using the Iluminar mobile app or online dashboard, you can create rule triggers, schedules, timers, remote control, and access data analytics.
- ▶ The Iluminar Lighting Controller can accept remote firmware updates for a continuously improving system.
- ▶ Your configured system will continue to run even if you lose network or internet connectivity.
- ▶ Onboard battery backup allows the system to maintain time synchronization during power and internet glitches.
- ▶ Reliable and robust onboard power that consists of input power filtering and protection against voltage spikes, EMI/EMF, and building power glitches.

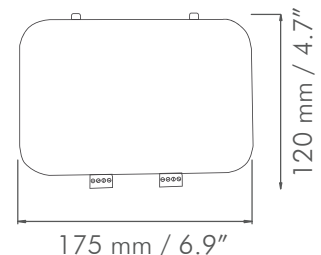
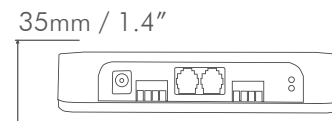
Technical Specs

| | |
|-----------------------|--|
| Compatible with | LED, HPS, CMH, MH & T5* |
| # of Zones / Rooms | 2 zones (unlimited with additional secondary HASH Controllers) |
| # of Sensors | 6 per controller |
| # of Light Fixtures | UNLIMITED* |
| Operating Temperature | 140° F / 50° C |
| Dimming Protocols | 0-10, 1-10, 0-11.5, 5-10V |
| Power Input | 12V DC, 1.0 Amp minimum |
| External Dim Inputs | 0 to 10V DC |
| Temperature Inputs | PT1000 probe. No Polarity |
| Dim LED Output | 0 to 10V DC. Current / Sourcing Max 300 mA per zone |
| Relays | <48V (AC or DC) 10 Amp fuse protected |
| Connectivity | Wifi IEEE 802 11b/g/n |
| CMH / HPS Dim Output | 0 to 11.5V DC. Current |

*T5 fixtures require adaptor.

- ▶ Rugged Design allows for years of use without calibration
- ▶ Quickly add a sensor to the ILUMINAR HASH system in seconds
- ▶ Maintenance-free
- ▶ 2 Onboard 0-48V relays

Dimensions



Software

| | |
|--------------------|---|
| Browser Compatible | Safari, Chrome, Firefox, or Internet Explorer 9 |
| ILUMINAR APP | OS 8 or later, or Android 4 or later |



Toll Free: 1-877-540-5588



iluminarlighting.com



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