ILUMINAR™

HASH CONTROLLER

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.
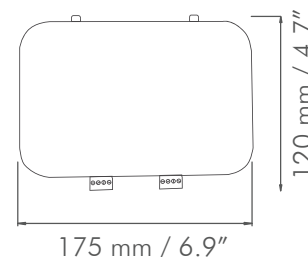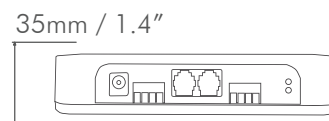
Technical Specs

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

35mm / 1.4"

120 mm / 4.7"

175 mm / 6.9"

Software

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

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Toll Free: 1-877-540-5588

1 YEAR WARRANTY

iluminarlighting.com

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