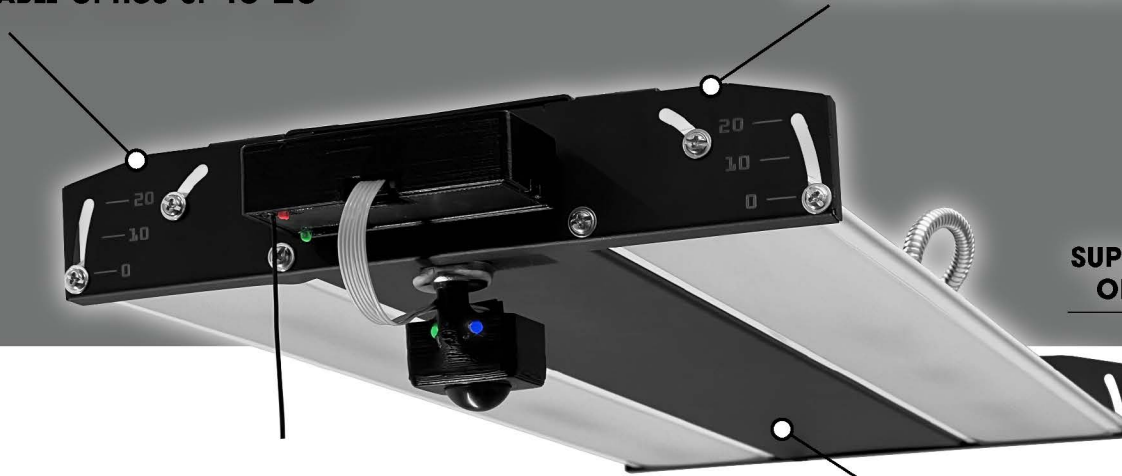


ADJUSTABLE OPTICS UP TO 20°

EXTRUDED ALUMINUM HEAT SINK



SUPERIOR THERMAL AND OPTICAL EFFICIENCY

BLACK EMISSIVE COATING

ACCESSORY OPTIONS

- MULTIPLE PIR MOTION SENSORS (3 MAX)
- EMERGENCY BATTERY BACKUP
- EXTERNAL SURGE PROTECTION
- EXTERNAL POWER SUPPLY

PRODUCT DESCRIPTION

The energybank High Bay is an industrial grade LED fixture with the option to be transformed into an expandable energy management/IoT Platform.
(As shown)



ORDERING INFORMATION

SERIES CODE

Model Number	Wattage	CCT	CRI	Efficacy	Diffuser Type
OR4200-UNF1-50-HW-MSX-BP-A6	Up To 210 W	5000 K	80+	>160 lm/W	Polycarbonate

Fixture Body:

- 4' form factor optimizes existing mounting infrastructure. Includes adjustable hanging cables.
- Adjustable light distribution up to 20 degrees
- Superior thermal performance aluminum heat sinking

Fixture can be accessorized with battery backup and/or additional DC power supply to provide power to Cellular Router/Camera/Andon Lights

LED Driver:

- Inventronics EUM200 series LED driver. A true industrial grade driver with numerous unique features not included in the typical LED fixtures commonly available in the market. These features include but are not limited to:
 - Fully Potted extruded aluminum case
 - Robust surge protection DM 6kV CM 10kV operates at 90-305VAC to include input under/over voltage, output over voltage, short circuit and over temperature
 - Electrical fast transient / Burst – EFT
 - IP 66/67 Rated UL wet location
 - The driver can survive stabilized input over voltage conditions up to 350VAC
 - Type HL for use in Class 1 Division 2 hazardous location
 - Auxiliary power 12 Vdc 250mA power, 3W (transient peak power up to 10w)
 - IoT devices ie: Genius IoT 3-axis vibration/temp sensor power metering
 - Dim to off
 - Power Quality
 - At full power <8% Total Harmonic Distortion and > .95 Power Factor

LED PCB:

- Bridgelux Premium LED >80CRI 163 lm/W
- Aluminum core boards with conformal coating
- Multiple mechanical fasteners with uniform spacing

Optional Genius IoT Lighting Controls:

- Military grade encryption (AES-128)
- Up to 32 configurable zones
- Advanced activity based dynamic motion – Panasonic Digital PIR Technology
 - 4 Level Set Points (Default values)
 - Building vacancy (Off)
static timeout
 - Standby 1 (30%)
static timeout
 - Standby 2 (70%)
dynamic or static timeout
 - Occupied (100%)
 - Individual Motion
 - Zone Motion
 - Building Vacancy
 - Any fixtures with this enabled will stay at a minimum of Standby 1 while motion events are detected within the building
 - Dynamic Timeout
 - Every second of detected occupancy adds (1 sec – 4 min) to the timeout
 - Capable of utilizing multiple sensors per controller
- Demand response (local)
- Switches and dimmers
 - Zone Specific
 - Building Control
- Solar Energy Harvesting
- Ambient Light Harvesting



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Omegalight® 3.0 Spec Sheet
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