

| | |
|---------------------|---------------|
| Project Name: | Fixture Type: |
| Complete Catalog #: | Date: |
| Comments: | |

HYPER COOL EDGE HIGH BAY FIXTURE



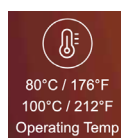
The **Hyper Cool Edge High Bay Fixture** is designed for harsh operating environments with ambient temperatures up to 212°F (remote driver) or 176°F (integral driver). In addition to high heat tolerance, this high bay luminaire is IK10 impact resistant, 3G or 5G vibration rated, and IP66 rated for wet locations. This rugged fixture is ideal for manufacturing, power plants, water and wastewater, pulp and paper, metals & mining, chemical, and oil & gas facilities. The high bay provides up to 63,000 lumens at 140 lumens/Watt.

FEATURES

- cETLus & DLC Premium listed
- IP66 & IK10 rated
- Up to 63,000 lumens
- Max operating temperature of 212°F (remote driver) or 176°F (integral driver)
- 3G or 5G vibration rated
- 100-277VAC or 220-480VAC
- Lumileds chipset
- Meanwell-HLG / Meanwell-HVG driver
- Hanging ring or universal bracket for indoor or outdoor installation
- 15 optic lens options

APPLICATIONS

- Manufacturing
- Power plants
- Water & wastewater
- Pulp & paper
- Metals & mining
- Chemical
- Oil & gas



HYPER COOL EDGE HIGH BAY FIXTURE

ORDERING INFORMATION

| MODEL # | POWER | INPUT VOLTAGE | CCT | LUMENS | MINIMUM ORDER QTY | US STOCK |
|------------------------|-------|--------------------------|----------------------------------|--------|-------------------|----------|
| ECO-ELITE-HT80-50W-HB | 50W | 100-277VAC or 220-480VAC | 4500-5500K (2500-5500K Optional) | 7,000 | 2 | Yes |
| ECO-ELITE-HT80-100W-HB | 100W | 100-277VAC or 220-480VAC | 4500-5500K (2500-5500K Optional) | 14,000 | 2 | Yes |
| ECO-ELITE-HT80-150W-HB | 150W | 100-277VAC or 220-480VAC | 4500-5500K (2500-5500K Optional) | 21,000 | 2 | Yes |
| ECO-ELITE-HT80-200W-HB | 200W | 100-277VAC or 220-480VAC | 4500-5500K (2500-5500K Optional) | 28,000 | 2 | Yes |
| ECO-ELITE-HT80-300W-HB | 300W | 100-277VAC or 220-480VAC | 4500-5500K (2500-5500K Optional) | 42,000 | 2 | Yes |
| ECO-ELITE-HT80-450W-HB | 450W | 100-277VAC or 220-480VAC | 4500-5500K (2500-5500K Optional) | 63,000 | 2 | Yes |

TECHNICAL SPECIFICATIONS

| | |
|-------------------------------|---|
| Input Voltage | 100-277VAC or 220-480VAC |
| Input Power Frequency | 50-60 Hz |
| Efficacy | 140 lm/W |
| Power Factor | 0.95+ |
| THD | <20% |
| Lumens | Up to 63,000 lumens |
| CCT | 4500-5500K (2500-5500K Optional) |
| CRI | 70+ |
| Beam Angle | 20°/30°/50°/90°/110°/150°/30x100°/ 130x70°/70x135°/75x145°/60x150°/73x133° |
| Control | Microwave sensor with dimming option |
| Maximum Operating Temperature | 212°F (remote driver) or 176°F (integral driver) |
| Certifications | cETLus wet location, DLC Premium, IP66, IK10, 3G/5G, FCC |
| Construction | Aluminum alloy with 15 optic lens options |
| Mounting Options | Hanging ring or universal bracket for indoor or outdoor installation |
| Housing Color Options | Black (RAL9017), Gray (RAL7045), Bronze (RAL8019) |
| Warranty | 10 years or 50,000 hour non-prorated |

*Data is based upon tests performed in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

*IES files provided on request.

HYPER COOL EDGE HIGH BAY FIXTURE

CONTROLS

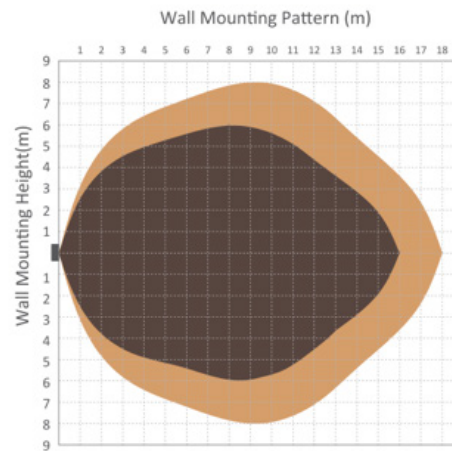
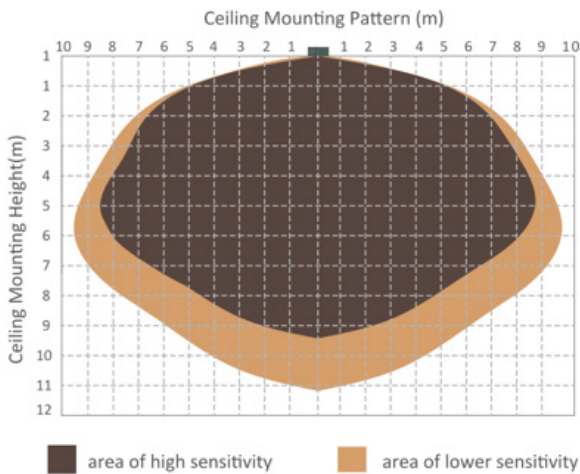
Control Options: microwave sensor with dimming option, photocell, remote control, dimmable or non-dimmable.

Microwave sensor specifications:



| Technical Data | | | |
|-----------------------|---|---------------------|---------------------------|
| Operating voltage | 120-277V | Standby power | approx. 0.5W |
| Switched power | Max. capacitive load: 800W@277V, 400W@120V | Warm time | 20s |
| Detection area | 10/50/75/100%, can be customized | Sensor principle | Microwave motion detector |
| Hold time | 55/30S/1min/5min/10min/20min/30min, can be customized | Microwave frequency | 5.8GHz+/-75MHz |
| Standby period | 0s/10s/1min/5min/10min/30min/1h/+ocan be customized | Microwave power | <0.2mw |
| Standby dimming level | 10%/20%/30%/50% can be customized | Detection range | Max. (XH):18m × 10m |
| Daylight threshold | 2~50lux daylight/twilight/darkness, can be customized | Detection angle | 30° ~ 150° |
| Operating temperature | -35°C ~ +70°C | Mounting height | Max.10m |
| IP rating | IP20, IP65(mounting in Hytronik special box) | Certificate | ETL, FCC |

Detection Pattern



MOUNTING OPTIONS

For high performance and long term reliability, the light should be installed in free air.

Hanging Ring Mount

1. Tighten the NUT attached to the hanging ring to ensure the hanging ring is securely connected to the light fixture.
2. Hang the ring to the field supplied by the mounting hook or chain.
3. Wiring. (Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply with all applicable codes.)

Universal Bracket

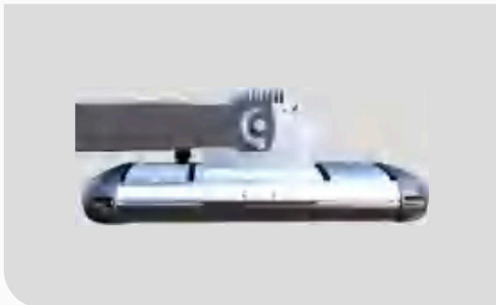
1. Rotate the bracket to the desired angle and tighten screw to lock it.
2. Bolt the universal mounting bracket to the field mounting point. Bolt the center point before the two side points. Tighten the bolts to wrench tight.
3. Wiring. (Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply with all applicable codes.)



Hanging Ring



180° U Bracket



360° Heavy Duty U Bracket

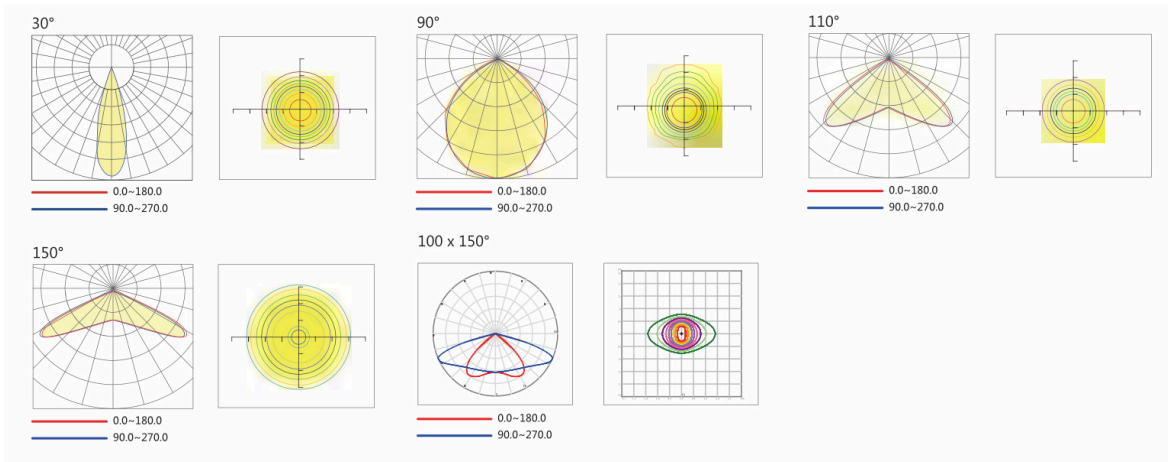


360° Heavy Duty U Bracket + Slip Fitter

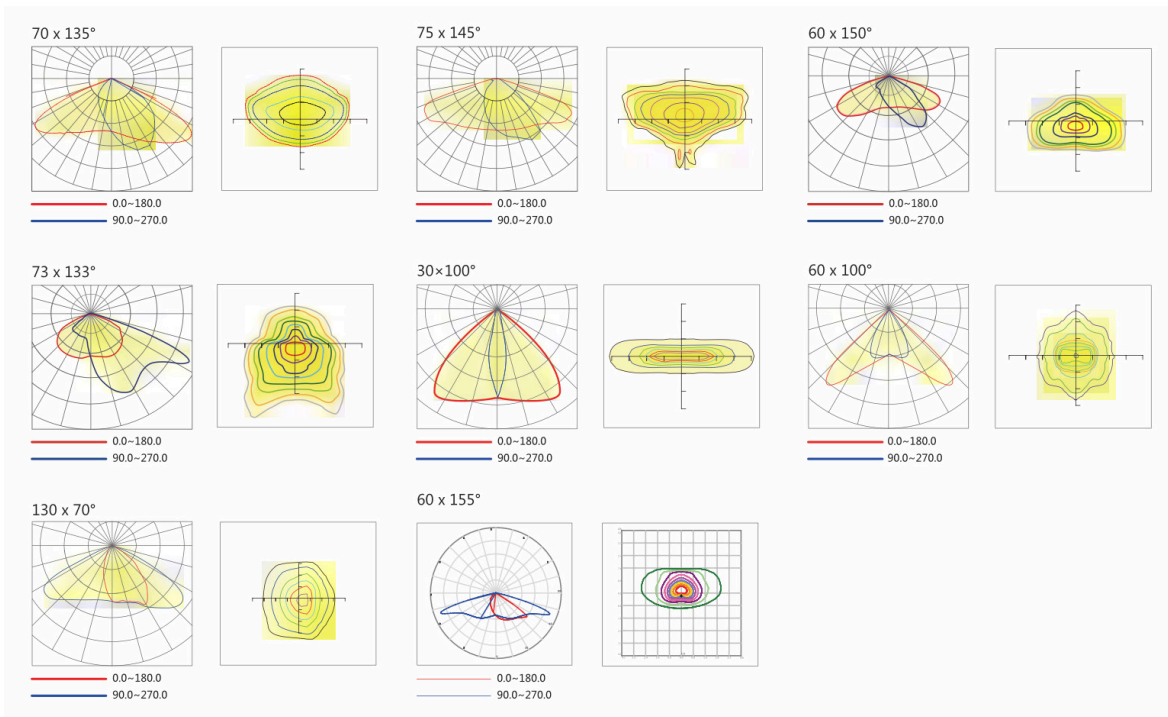
HYPER COOL EDGE HIGH BAY FIXTURE

PHOTOMETRICS

Round Light Spot



Rectangular Light Spot



DIMENSIONS & WEIGHT

| POWER | DIMENSIONS | NET WEIGHT |
|-------|---------------|-------------------|
| 50W | 273x366x245mm | 5.2kg / 11.5 lbs |
| 100W | 308x366x245mm | 7.8kg / 17.2 lbs |
| 150W | 402x366x245mm | 9.3kg / 20.5 lbs |
| 200W | 496x366x245mm | 10.7kg / 23.6 lbs |
| 300W | 684x366x245mm | 16.5kg / 36.4 lbs |
| 450W | 966x366x245mm | 2.0kg / 61.7 lbs |