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| PROJECT | DATE |
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| COMMENTS | |
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IN STOCK

HBLS-QS HIGH BAY LINEAR SELECTABLE LED QUICK SHIP

HBLS is a wattage and CCT selectable DLC premium high bay luminaire that can replace 220-700W metal halide and high pressure sodium fixtures. HBLS is quick to install with its lightweight 2ft housing and easy access wiring. HBLS is equipped with a receptacle for installing a plug and play PIR sensor that can detect motion up to 50ft away and it offers an optional wire guard and emergency battery.

- Commercial
- Warehouse
- Factory

PHYSICAL

| | |
|----------|-----------------------|
| Material | Sheet Metal |
| Mounting | Surface or Suspended |
| Lens | Frosted Polycarbonate |
| Finish | White Powder Coat |
| Source | Lumileds LEDs |

PERFORMANCE

| | |
|-----------------------|--------------------------------|
| Warranty | 5 years |
| Certifications | cULus, DLC Premium, FCC |
| Rated Life | L70 50,000 hours |
| Operating Temperature | -20°C to 45°C (-4°F to 113°F) |
| CCT | Field Selectable: 4000K, 5000K |
| CRI | 80+ |
| Beam Angle | 106° |

ELECTRICAL

| | |
|--------------|--|
| Wattage | Field Selectable: (110W/165W/220W), (165W/220W/300W) |
| Voltage | 120-277V |
| Power Factor | 0.9 |
| Dimmable | 0-10V |

ENERGY CHART

| LENGTH inches | WIDTH inches | DELIVERED LUMENS | WATTAGE | EFFICACY lm/w | VOLTAGE/CURRENT INPUT | |
|------------------|-----------------|---|---------|------------------|--------------------------|-------|
| | | | | | 120V | 277V |
| 24 | 14.2 | FS1 Field Selectable Wattage (110W/165W/220W) | | | | |
| | | 15400 | 110 | 140 | 0.91A | 0.39A |
| | | 23100 | 165 | 140 | 1.37A | 0.59A |
| | | 30800 | 220 | 140 | 1.83A | 0.79A |
| | | FS2 Field Selectable Wattage (165W/220W/300W) | | | | |
| | | 23100 | 165 | 140 | 1.37A | 0.59A |
| | | 30800 | 220 | 140 | 1.83A | 0.79A |
| | | 42000 | 300 | 140 | 2.5A | 1.08A |

ORDERING LOGIC

EX: HBLS-QS-FS1-WH

| FAMILY | WATTAGE | FINISH |
|---------|--|----------|
| HBLS-QS | | WH |
| | FS1 Field Selectable 110W / 165W / 220W | WH White |
| | FS2 Field Selectable 165W / 220W / 300W | |

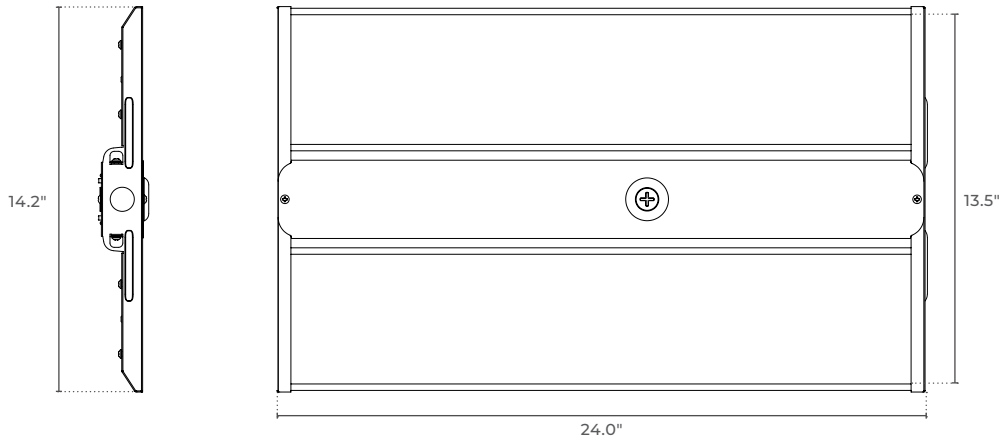
ACCESSORIES ORDERING LOGIC (ORDER SEPARATELY)

EX: HBLS-QS-MS

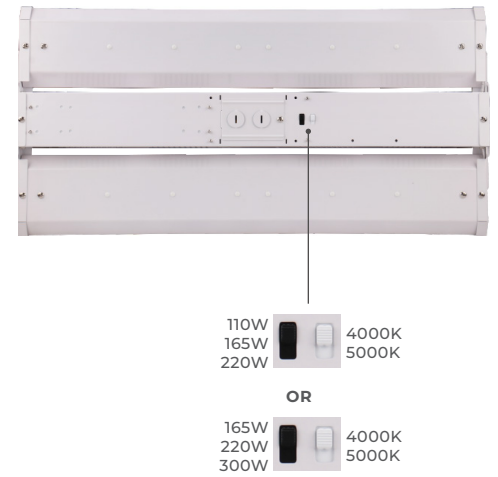
| FAMILY | OPTIONS |
|---------|----------------------|
| HBLS-QS | |
| | MS Motion Sensor |
| | EM Emergency Battery |
| | WG Wire Guard |



DIMENSIONS



FIELD SELECTABLE SWITCHES



ACCESSORIES

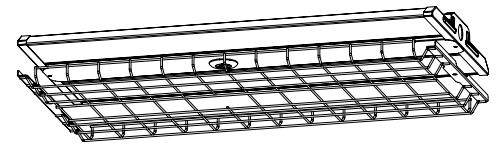
MS Motion Sensor



EM Emergency Battery



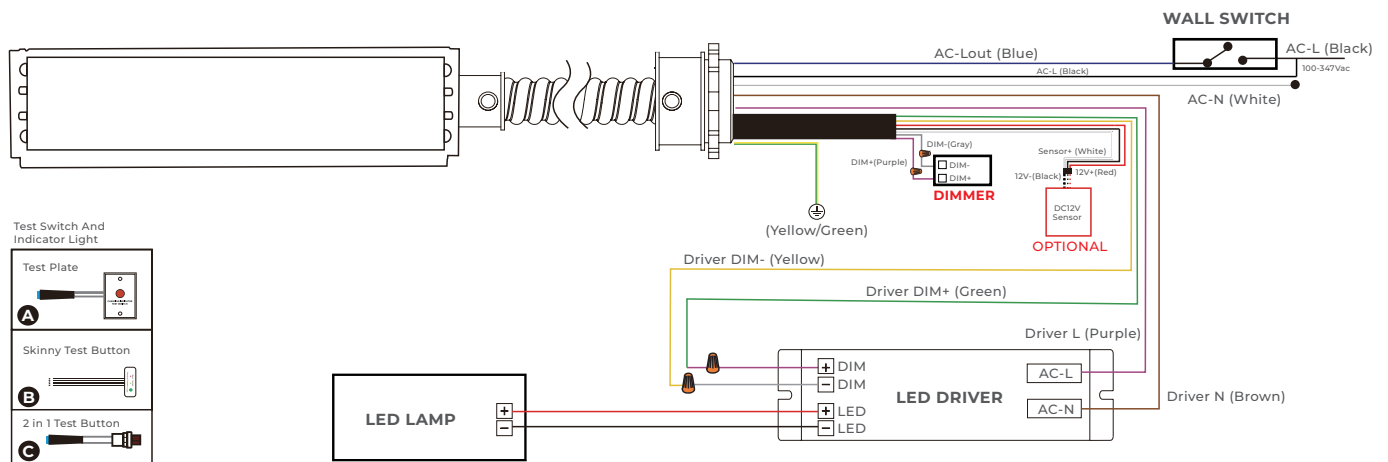
WG Wire Guard



EMERGENCY BATTERY SPECIFICATION

| | | | |
|-----------------------|--|-------------------------|-------------------------|
| Input Voltage | 100-347Vac , 50/60Hz | Discharging Time | ≥90 Minutes |
| Input Current | ≤100mA | Charging Time | ≥24 Hours |
| Input Power | 8W max | Conduit Length | 17.7 (450mm) |
| Output Voltage | ≤175Vdc | Battery | Li-ion Battery |
| Output Power | 20W | Full Warranty | 5 Years |
| Application | ① ≤ 150W(0/1-10V Dimmable Fixture) ② ≤ 20W LED Lamps without dimming function | Dimensions | 12.91" x 1.9" x 0.94" |
| | | Ambient Temp. | 0°C to +50°C(32 to122) |

EMERGENCY BATTERY WIRING DIAGRAM



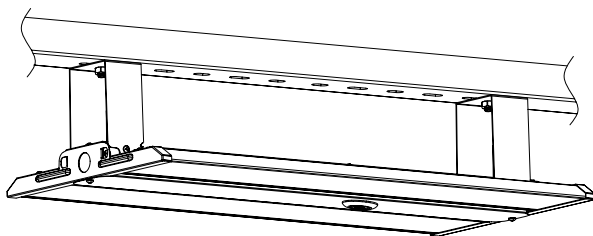
MOTION SENSOR DEFAULT SETTINGS

| | |
|-------------------------------|----------|
| Brightness/Output | 100% |
| Hold Time | 1min |
| Stand-By Dimming Level | 20% |
| Stand-By Time | 1min |
| Sensitivity | 100% |
| Daylight | Disabled |

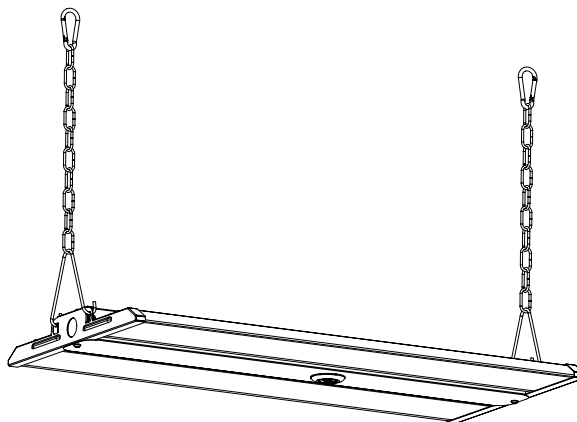


MOUNTING

Surface

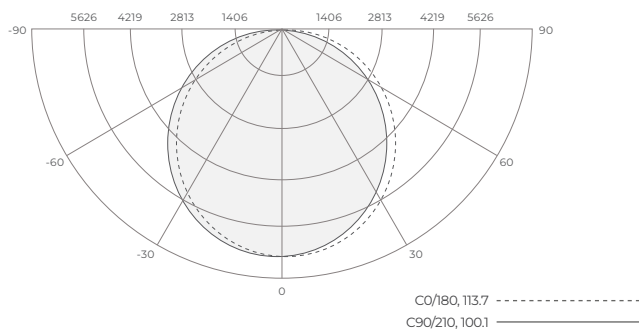


Suspended



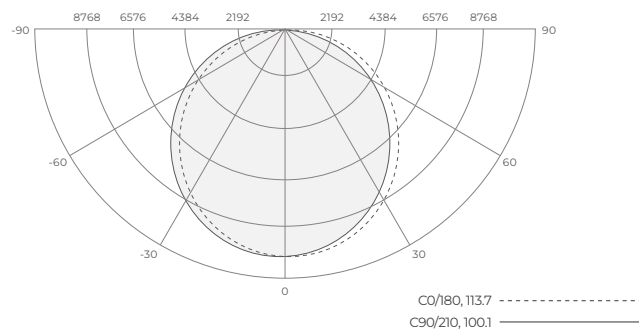
PHOTOMETRICS - HBLS-QS-110W

AVERAGE BEAM ANGLE (50%): 106°



PHOTOMETRICS - HBLS-QS-165W

AVERAGE BEAM ANGLE (50%): 106°



PHOTOMETRICS - HBLS-QS-220W

AVERAGE BEAM ANGLE (50%): 106°

