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|--------------|-----------------|
| CONTRACTOR: | |
| PROJECT: | DATE: |
| PREPARED BY: | MODEL#: HORLED2 |

DESCRIPTION



HORLED2 Series

The HORLED2 series high bays are ideal for manufacturing, warehousing, commercial and industrial facility lighting applications.



FEATURES & SPECIFICATIONS

Intended Use

The HORLED2 LED high bay is suitable for general purpose lighting in a wide variety of environments, such as commercial, industrial, retail or warehouse lighting applications.

Construction

The body is constructed of 24 gauge, made in USA commercial grade steel with hot dip galvanized finish (6.5µm on both sides). Paint after fabrication (PAF) of galvanized body adds high resistance to rust over its lifetime.

Optics

Opaque acrylic lenses help to diffuse the LED source pixilation. Lenses can be removed to increase lumen output.

Electrical

The HORLED2 delivers up to 133 lumens per watt with lenses and up to 157 lumens per watt with lenses removed. Thermally protected driver provides a 50,000 hour lifespan and is rated for 20°C to 50°C

Occupancy Sensor (Optional)

From a mounting height of 30 feet the detection radius is 13 feet. Detection angle of 150 degrees and sensitivity settings of 100%/75%/50%/25%. The Holding timer has settings of 5s/30s/90s/3min/20min/30min and daylight sensor settings of 5LUX/15LUX/30LUX/50LUX/100LUX. All settings can be changed by dip switches on device with no need for a remote control to program the sensor.

Dimming

LED drivers deliver dimming from a 0-10V control signal. Dims to 10% standard.

Installation

This fixture may be suspended via cable hanging kit (included). Cable hanging kit consists of 10' main cable and 12" branch cables with steel toggles.

Listings

UL listed to US and Canadian safety standards. For use in ambient operating temperatures ranging from 20°C to 50°C. Fixture is Buy American Act (BAA) compliant.

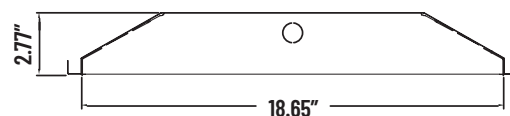
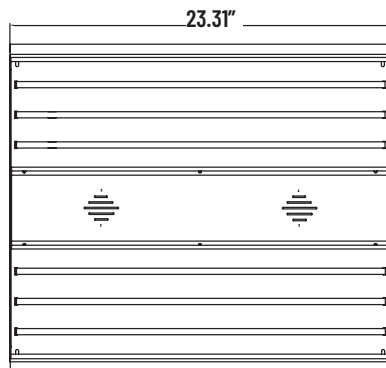
Warranty

5-year limited warranty.

IMPORTANT: In order to maintain proper operation and warranty coverage for units with Emergency back up, the battery must be recharged once per year prior to installation.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

LINE DRAWING



APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION



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ORDERING INFORMATION

Example: HORLED2-120DOL840

| SERIES | SIZE | LUMENS | VOLTAGE | LENS | CRI | COLOR TEMP | OPTIONS |
|--------|----------|-----------------------|--------------------------------------|--------------|-------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HORLED | [2] : 2' | [-130] : 13000 Lumens | [D] : 120-277VAC [E] : 277-480VAC | [0] : Opaque | [L8] : CRI +/- 80 | [35] : 3500K [40] : 4000K [50] : 5000K | [BLANK] : No Option [EM] : 10% Emergency back-up [OS] : Internal Microwave Sensor** [W6-3] : Flex Whip 6' 3 Wire*** [W6-5] : Flex Whip 6' 5 Wire*** |
| | | [-200] : 20000 Lumens | | | | | |
| | | [-270] : 27000 Lumens | | | | | |

**Only available on 120-277VAC units, see below for settings
***More options available please contact factory for more details.

PERFORMANCE SPECIFICATIONS

| SERIES | LUMENS | LPW | WATTAGE |
|---------------------|----------|-----|---------|
| HORLED2-130 w/ lens | 13,000lm | 130 | 96W |
| HORLED2-200 w/ lens | 20,000lm | 133 | 150W |
| HORLED2-270 w/ lens | 27,000lm | 112 | 240W |

ACCESSORIES



Suspension Cables:
10' Suspension Kit
TAMGRIP-10FT-KIT (0553-3296)

Single point suspension that allows two point to be suspended using one fastener. Two legs improve center of gravity and increases stability. Ideal for services that require maintenance. **INCLUDED**



V Hangers:
HB-4L-VHANGER (0392-3559)

V hangers offer stability when used with a loop cable system. **SOLD SEPARATELY**



Sensor:
Occupancy Sensor
SNSR-MC601V (0635-8968)

Microwave motion sensor detects movement and offers a wide range of options. **OPTIONAL**

Factory Settings:
Detection area: 50%
Hold time: 20min
Stand-by Period: 0s (Disabled)
Stand-by dim level: 10%
Daylight Sensor: Disable

For specific settings, see below-
Please contact factory for more details.



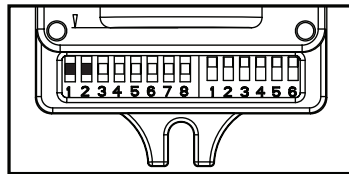
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MICROWAVE SENSORS

Each combination of DIP Switches can be toggled based on the charts below to achieve desired settings.

Microwave sensors operate on the principle of the Doppler effect, where the wavelength of microwave radiation changes due to relative motion of the wave source and detected. The faster the motion, the greater the frequency. The frequency difference between transmitting and receiving, caused by the Doppler effect, is known as the Doppler shift. The microwave motion sensor controls the lamp's ON-OFF or dimming by interpreting these Doppler shifts. For new installation environments, it is recommended to initially install and test 5 prototype units before proceeding with bulk installation.

| | | | | |
|------|-----|----|----|------|
| ON ↑ | | 1 | 2 | |
| | I | ON | ON | 100% |
| | II | ON | - | 75% |
| | III | - | ON | 50% |
| | IV | - | - | 10% |

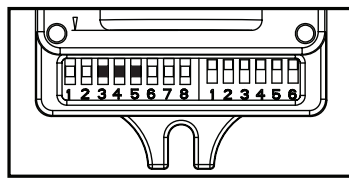


Detection Area (Sensitivity)

Factory Default: 50%

Detection Area, or Sensitivity is influenced by the speed and size of a moving object relative to the mounting height and angle of the sensor. Reflective materials can cause inaccurate readings resulting in the sensor falsely detecting. Because of this it is recommended that 5 units be installed in a space before the bulk of the installation, and the sensitivity be lowered as needed.

| | | | | | |
|------|-----|----|----|----|-------|
| ON ↑ | | 3 | 4 | 5 | |
| | I | ON | ON | ON | 5s |
| | II | - | ON | ON | 30s |
| | III | ON | - | ON | 90s |
| | IV | - | - | ON | 3min |
| | V | ON | ON | - | 20min |
| | VI | - | - | - | +∞ |

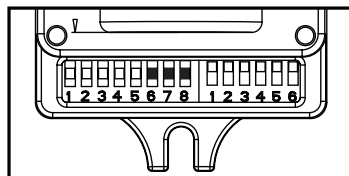


Hold Time

Factory Default: 20 Minutes

Hold Time refers to how long the fixture will remain 100% illumination after the sensor stops detecting motion. Selecting +∞ will keep the fixture at 100% illumination.

| | | | | | |
|------|-----|----|----|----|-------|
| ON ↑ | | 6 | 7 | 8 | |
| | I | ON | ON | ON | 0s |
| | II | - | ON | ON | 5s |
| | III | ON | - | ON | 5min |
| | IV | - | - | ON | 10min |
| | V | ON | ON | - | 30min |
| | VI | - | ON | - | 1h |
| | VII | - | - | - | +∞ |

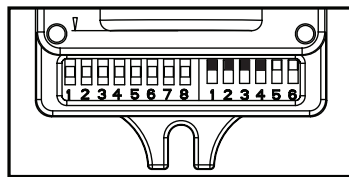


Stand-by Period

Factory Default: 0s (Disabled)

The stand-by period refers to how long the fixture will maintain the stand-by dimming level in the absence of motion. This allows the fixture to provide a lower illumination after the initial hold time expires. Selecting 0s will disable this feature while selecting +∞ will keep the fixture illuminated at the stand-by dimming level until motion is detected or power is cut to the fixture.

| | | | | | | |
|------|-----|----|----|----|----|---------|
| ON ↑ | | 1 | 2 | 3 | 4 | |
| | I | - | - | ON | ON | 2Lux |
| | II | - | - | - | ON | 5Lux |
| | III | - | ON | ON | - | 10Lux |
| | IV | - | - | ON | - | 25Lux |
| | V | - | ON | - | - | 50Lux |
| | VI | ON | - | - | - | 100Lux |
| | VII | - | - | - | - | Disable |



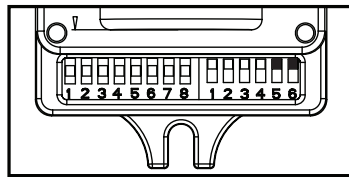
Daylight Sensor

Factory Default: Disabled

The daylight sensor refers to this sensor's ability to detect ambient lighting levels and shut the fixture off based on a predetermined light level. This is commonly referred to as Daylight Harvesting. This feature can be set based on various Lux settings ranging from 2-100 Lux as seen in the chart to the left. Selecting 'Disable' will disable all Daylight sensing features.

If you know that you need this feature enabled, please reach out to the factory about adjusting it for your bulk order.

| | | | | |
|------|-----|----|----|-----|
| ON ↑ | | 5 | 6 | |
| | I | ON | ON | 50% |
| | II | - | ON | 30% |
| | III | ON | - | 20% |
| | IV | - | - | 10% |



Stand-by dimming level

Factory Default: 10% (Disabled via Stand-by Period)

The Stand-by dimming level refers to the percentage of illumination desired in the absence of motion. The Stand-by dimming level is triggered once the hold time is completed and by default is disabled in the factory.