

CASTEX 510



HAZARDOUS

- The **CASTEX 510** is a hazardous location LED lighting fixture rated for use in:

- Class I, Division 2, Groups A, B, C, D
- Class II, Division 2, Groups F, G
- Class III
- Class I, Zone 2, Group IIC
- Class II, Zone 21, Group IIIC
- UL1598 (Wet Location) & UL1598A (Marine)
- Temperature Code: T3

- The **CASTEX 510** comes standard in gray with a surface mount bracket

- **HOUSING:** Die-cast ADC12/A383 6mm aluminum alloy body with stainless steel hardware

- **DIFFUSER:** High impact resistant 3mm polycarbonate, 120° wide beam distribution standard

- **DIMMING:** 0-10VDC dimming standard

- **COLOR TEMPERATURE:** 5000K standard

- **LUMENS:**

- **2FT & 4FT:** LO: 40W @ 5600 lm (EM: 15W @ 2100 lm)
- **4FT:** MO: 60W @ 8400 lm (EM: 15W @ 2100 lm)
- **4FT:** HO: 80W @ 11200 lm (EM: 15W @ 2100 lm)



- **OPERATING TEMP:**

- HT (AC Only) -40°F to 140°F (-40°C to 60°C)
- SA (AC & EM) 32°F to 104°F (0°C to 40°C)

- **WEIGHT:**

- 2FT: 8.8 lbs
- 4FT: 12.1 lbs

- **APPLICATION:** The **CASTEX 510** is designed for impact resistance and is ideal for the oil and gas industry, paint facilities, pumping stations, metal smelting, foundry and fabrication, food processing, alcohol distilling and other high humidity, high vapor, high dust and high temperature locations.

ORDERING INFORMATION

Example: HZCAS510HT MO DIM WT50 120-277V

| MODEL | LENGTH | OPERATION | OUTPUT | DIMMING | COLOR TEMP | INPUT | OPTIONS |
|----------|---------|---------------------------|-----------------|---------------------|---------------------------|----------|--|
| HZCAS510 | 2' (ft) | HT (AC only) | LO ⁴ | DIM (0-10V dimming) | WT40 ⁴ (4000K) | 120-277V | BAA (Buy American Act) |
| | 4' (ft) | SA ³ (AC & EM) | MO ⁴ | | | | WT50 ⁴ (5000K) |
| | | | HO | | | | HZCH39 ^{6,7} (single 39" chain) |
| | | | | | | | HZJBOX (J-box) |
| | | | | | | | HZPK12 (12" pendant stem) |

NOTE 1: 2 ft only available in 40W

NOTE 2: 4 ft available in 40W (LO), 60W (MO) and 80W (HO)

NOTE 3: Contact factory for lead time

NOTE 4: 4000K available in LO & MO (other color temperatures available, 2700K to 6500K, contact factory for lead time)

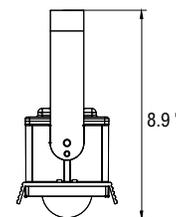
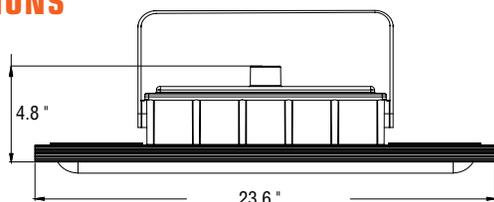
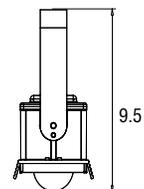
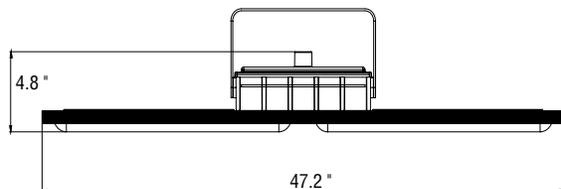
NOTE 5: High voltage option available (200 to 480V), contact factory for lead time

NOTE 6: Single 39" (1 m) chain (field cuttable) with 2 carabiner clips

NOTE 7: 2 chain hang kits are recommended if length > 18" is required

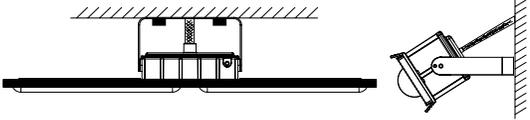
NOTE: Surface/wall mount is standard

DIMENSIONS

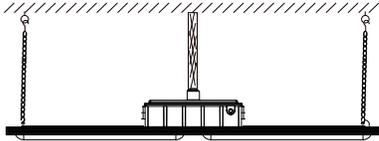
2FT**4FT**

MOUNTING OPTIONS

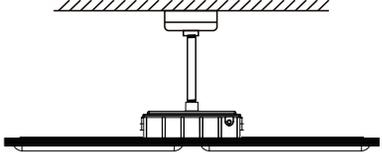
Standard
(surface/ceiling mount bracket)



Suspension Mount
(HZCH39)



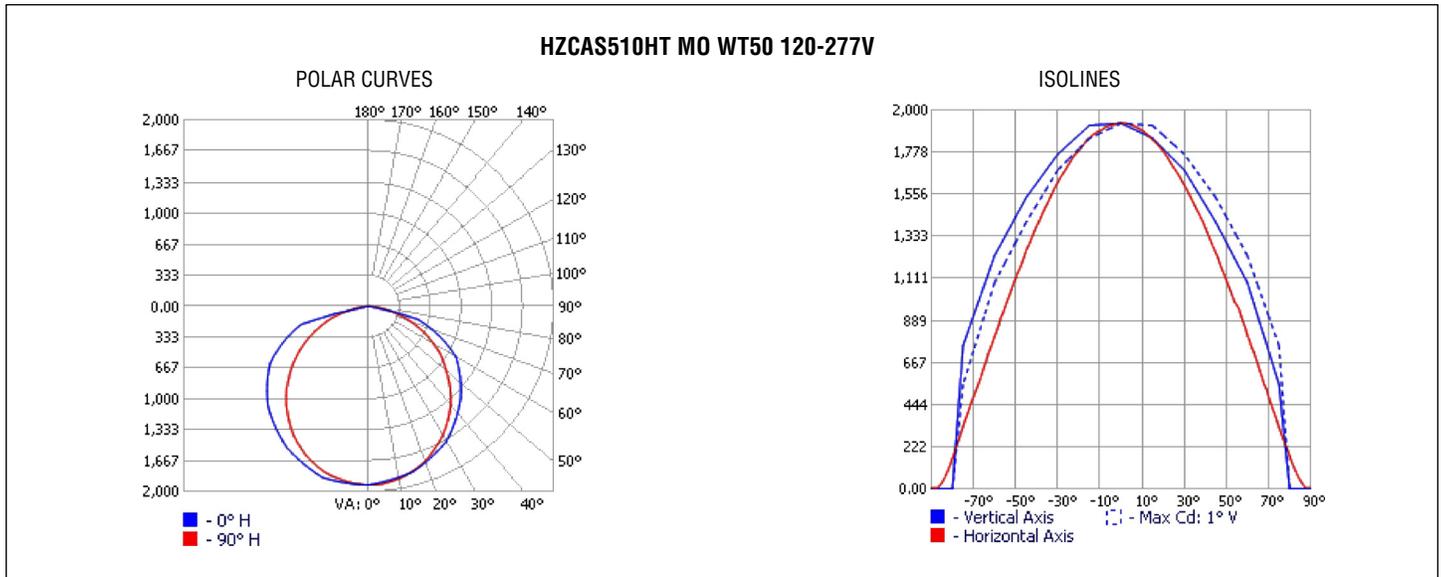
Pendant Mount
(HZPK12)



NOTE: Power cord cannot be exposed. Hazardous conduit or hazardous J-box mounting required.

Note: HZPK12 does not include hazardous rated J-box. HZJBOX must be ordered separately.

PHOTOMETRICS



ENERGY CHART

| MODEL (5000K CCT) | EFFICACY | CONSUMPTION WATTAGE | LUMEN OUTPUT | CRI | L70 (HRS) @ 55°C |
|-------------------|----------|---------------------|--------------|-----|------------------|
| 2FT | | | | | |
| HZCAS510 2HT L0 | 140 LPW | 40W | 5600 lm | >70 | >150,000 |
| 4FT | | | | | |
| HZCAS510 4HT L0 | 140 LPW | 40W | 5600 lm | >70 | >150,000 |
| HZCAS510 4HT M0 | 140 LPW | 60W | 8400 lm | >70 | >150,000 |
| HZCAS510 4HT H0 | 140 LPW | 80W | 11200 lm | >70 | >150,000 |

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ADDITIONAL INFORMATION

ELECTRICAL RATING

| PRODUCT | NOMINAL POWER (W) | AC CURRENT (A) AC VOLTAGE | | FREQUENCY (HZ) | DC VOLTAGE (V) | DC CURRENT (MA) |
|-----------------|-------------------|------------------------------|-------|----------------|----------------|-----------------|
| | | 120 V | 277 V | | | |
| 2FT | | | | | | |
| HZCAS510 2HT L0 | 40W | 0.34 | 0.15 | 50/60 | 48 | 840 |
| 4FT | | | | | | |
| HZCAS510 4HT L0 | 40W | 0.34 | 0.15 | 50/60 | 48 | 840 |
| HZCAS510 4HT M0 | 60W | 0.51 | 0.22 | 50/60 | 48 | 1250 |
| HZCAS510 4HT H0 | 80W | 0.68 | 0.29 | 50/60 | 48 | 1670 |

■ **WARRANTY:** 5 years, see website for full warranty details.