

Type: _____

Project: _____

CASTEX 400



HAZARDOUS - VAPOR TIGHT

■ The **CASTEX 400** is a hazardous location LED lighting fixture rated for use in:

- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III
- Class I, Zone 2 Group IIC
- UL1598 (Wet Location) & 1598A (Marine)
- Temperature Classification: T5, T6

■ **HOUSING:** Heavy-duty 20 gauge stainless steel (304) body with RAL9010 (milky white) powder coat finish with stainless steel latches

■ **DIFFUSER:** UV stabilized, impact resistant, 3 mm thick clear fiberglass-reinforced polycarbonate, 120° wide beam distribution

■ **COLOR TEMPERATURE:** 5000K standard

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

■ **LUMENS:**

- LO: 30W @ 4370 lm (EM: 15W @ 2185 lm)
- MO: 40W @ 5800 lm (EM: 15W @ 2100 lm)
- HO: 50W @ 7348 lm (EM: 15W @ 2204 lm)
- VHO: 60W @ 8276 lm (EM: 15W @ 2069 lm)

■ **OPERATING TEMP:**

- HT (AC Only): -40°F to 122°F (-40°C to 50°C)
- SA (AC & EM): 32°F to 122°F (0°C to 50°C)



■ **APPLICATION:** The **CASTEX 400** is a heavy duty, high impact resistant vapor tight suitable for mining, power generation stations, military, aerospace, oil, gas, chemical production, marine and ocean platform industries. The luminaire is suited for high humidity, high vapor, high dust and high temperature locations.

■ **WEIGHT:**

- 2 ft: 11.6 lb
- 4 ft: 19.7 lb

ORDERING INFORMATION

Example: HZCAS400HT VHO WT50 120-277V

MODEL	LENGTH	OPERATION	OUTPUT	DIMMING	COLOR TEMP	INPUT	OPTIONS
HZCAS400	2' (ft)	HT (AC only)	LO	DIM (0-10V dimming)	WT40 ⁴ (4000K)	120-277V	BAA (Buy American Act)
	4' (ft)	SA ³ (AC & EM)	MO		WT50 ⁵ (5000K)		ACCESSORIES
			HO ⁴				HZCH39 ^{6,7} (single 39" chain)
			VHO				HZJBOX (J-box)

NOTE 1: 2 ft only available in 30W (LO) and 40W (MO)

NOTE 2: 4 ft only available in 50W (HO) and 60W (VHO)

NOTE 3: Contact factory for emergency lead time

NOTE 4: 4000K available in HO

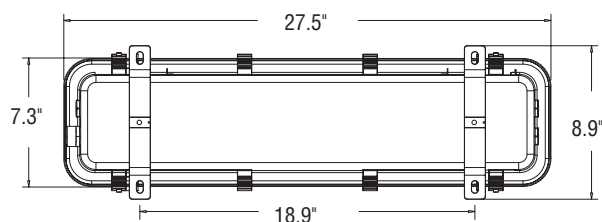
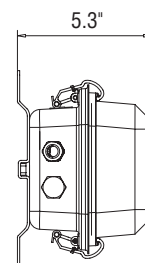
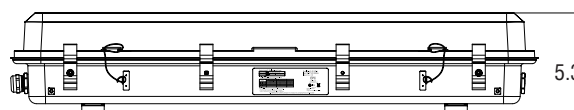
NOTE 5: C1D2 available in 2700K, 4000K and 5000K only; Zone 2 available in 2700K to 6500K, contact factory

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

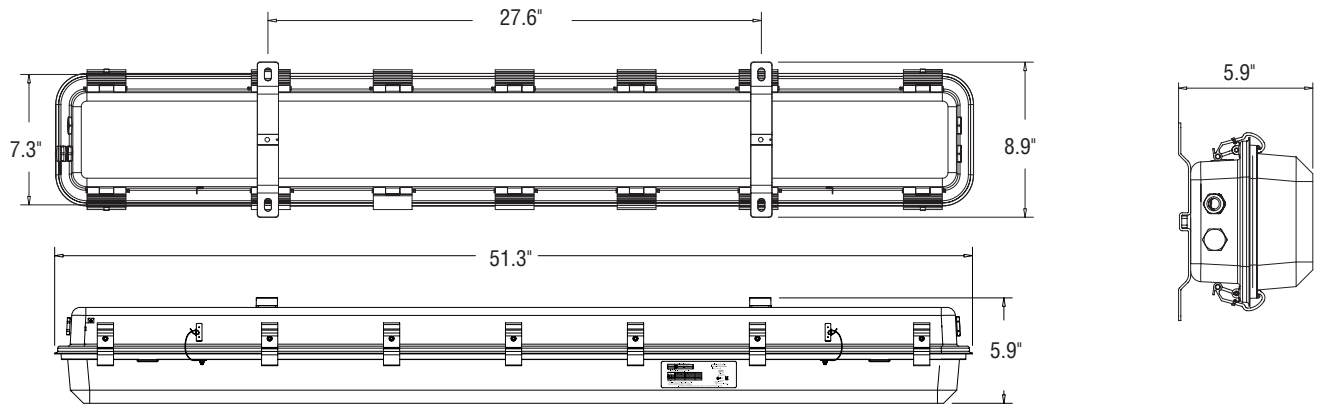
NOTE: Surface ceiling/ wall mount is standard

DIMENSIONS

**2 FT**

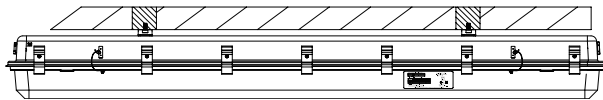
DIMENSIONS

4FT

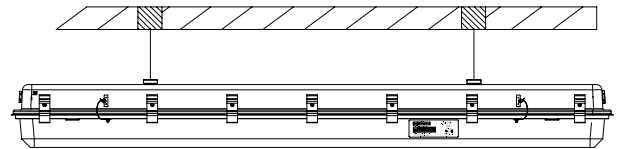


MOUNTING OPTIONS

STANDARD
(surface/ceiling mount bracket)



SUSPENSION MOUNT
(HZCH39)

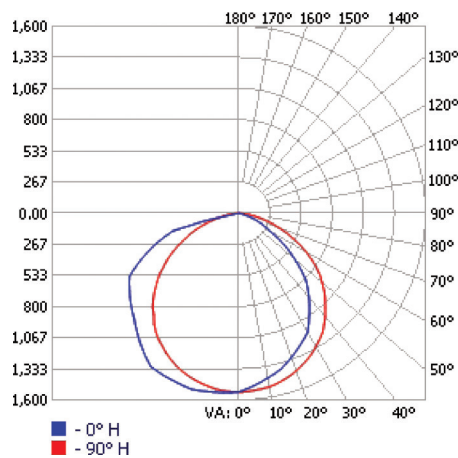


NOTE: Power cord cannot be exposed.
Hazardous conduit or hazardous J-box mounting required.

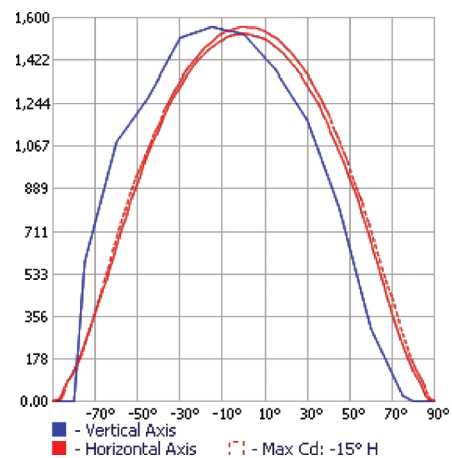
PHOTOMETRICS

HZCAS400HT LO WT50 120-277V

POLAR CURVES

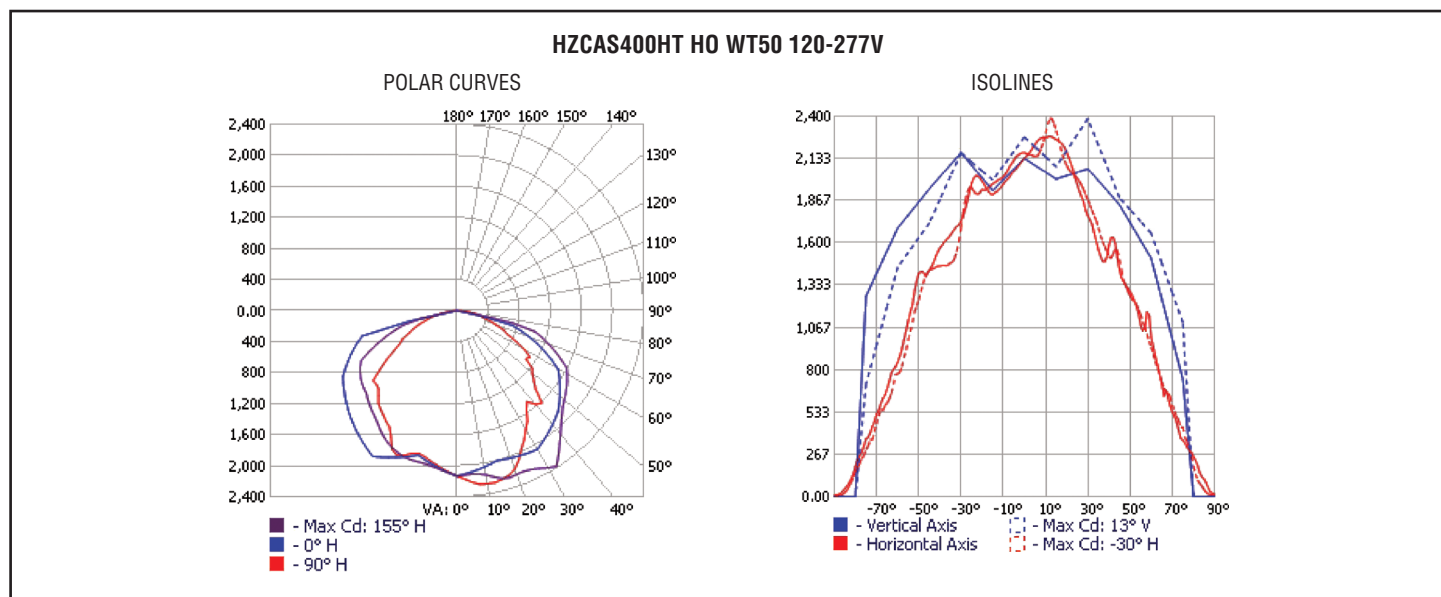


ISOLINES



CASTEX 400

PHOTOMETRICS



ENERGY CHART

MODEL (5000K CCT)	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (HRS) TESTED	L70 (HRS) PROJECTED
HZCAS400HT LO	146 LPW	30W	4370 lm	>80	>50,000	>72,000
HZCAS400HT MO	145 LPW	40W	5800 lm	>80	>50,000	>72,000
HZCAS400HT HO	147 LPW	50W	7348 lm	>80	>50,000	>72,000
HZCAS400HT VHO	138 LPW	60W	8276 lm	>80	>50,000	>72,000

ELECTRICAL RATING

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A)		FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		120 V	277 V			
HZCAS400HT LO	30W	0.26	0.11	50/60	48	625
HZCAS400HT MO	40W	0.31	0.13	50/60	48	750
HZCAS400HT HO	50W	0.42	0.18	50/60	48	1040
HZCAS400HT WHO	60W	0.51	0.22	50/60	48	1248

DIMMER COMPATIBILITY

DIMMER	COMPATABILITY	
	ON/OFF	DIMMING
LEVITON - AWRMG-7	YES	YES
LUTRON - DIVE - DVSTV	YES	YES

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