

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 @ 3900 lm (EM: 15W @ 1950 lm)
- MO: 36W @ 4680 lm (EM: 15W @ 1950 lm)
- HO: 50W @ 6500 lm (EM: 15W @ 1950 lm)
- VHO: 60W @ 7800 lm (EM: 15W @ 1950 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

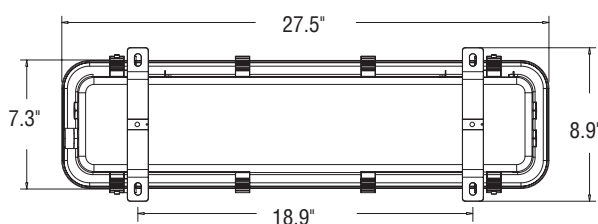
Example: HZCAS400HT VHO WT50 120-277V

MODEL	LENGTH	OPERATION	OUTPUT	DIMMING	COLOR TEMP	INPUT	OPTIONS
HZCAS400	2 ¹ (ft)	HT (AC only)	LO	DIM (0-10V dimming)	WT40 ⁴ (4000K)	120-277V	BAA (Buy American Act)
	4 ² (ft)	SA ³ (AC & EM)	MO		WT50 ⁵ (5000K)	HV ⁶	ACCESSORIES
			HO ⁴				HZCH39 ⁷ (39" chain)
			VHO				HZJBOX (J-box)

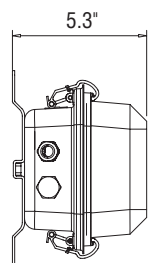
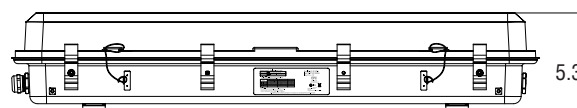
NOTE 1: 2 ft only available in 30W (LO) and 40W (MO)
 NOTE 2: 4 ft only available in 50W (HO) and 60W (VHO)
 NOTE 3: Contact factory for emergency lead time
 NOTE 4: 4000K available in HO

NOTE 5: C1D2 available in 2700K, 4000K and 5000K only;
 Zone 2 available in 2700K to 6500K, contact factory
 NOTE 6: High voltage option available (200 to 480V), contact factory for lead time
 NOTE 7: Single 39" (1 m) chain, can be field cut for suspension mount
 NOTE: Surface ceiling/ wall mount is standard

DIMENSIONS



2FT

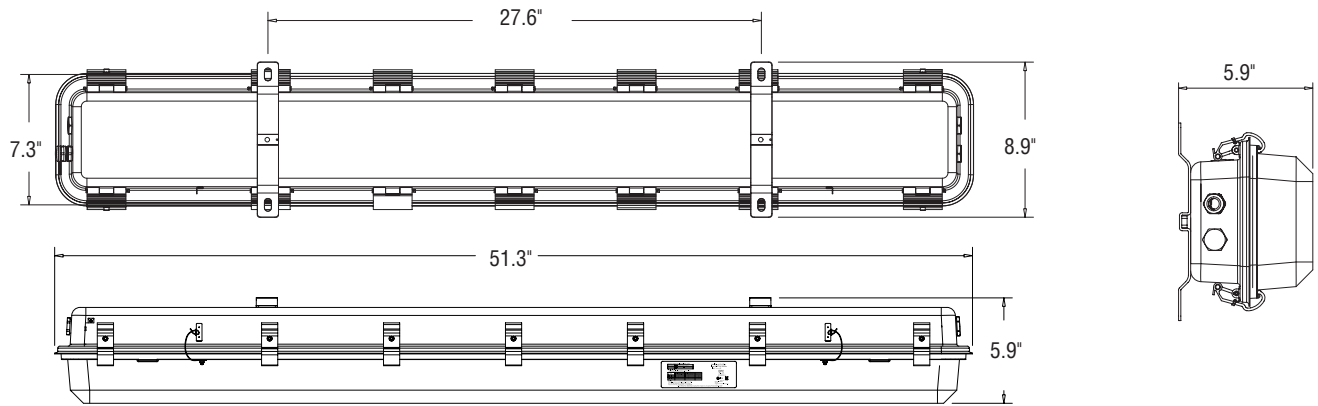


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ADDITIONAL INFORMATION

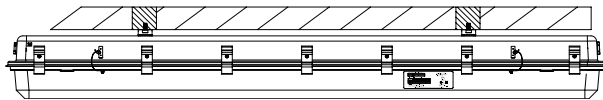
DIMENSIONS

4FT

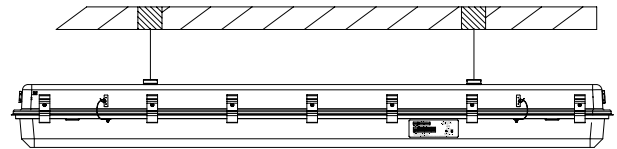


MOUNTING OPTIONS

STANDARD
(surface/ceiling mount bracket)



SUSPENSION MOUNT
(HZCH39)

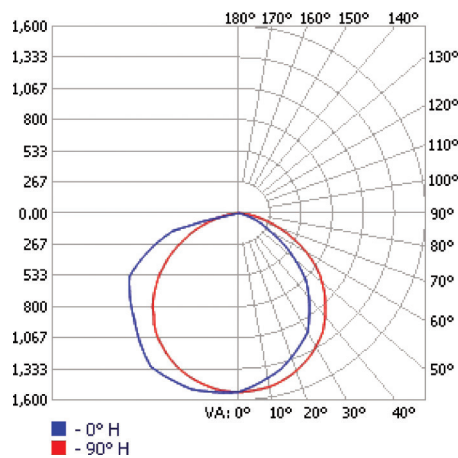


NOTE: Power cord cannot be exposed.
Hazardous conduit or hazardous J-box mounting required.

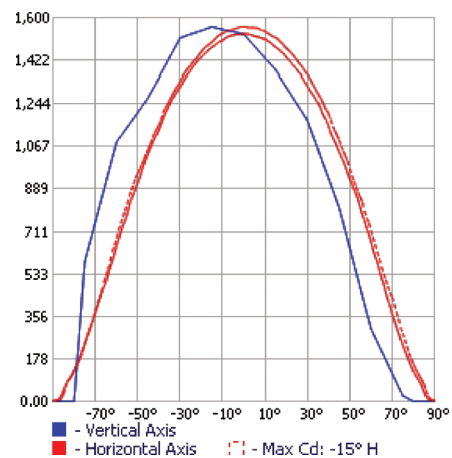
PHOTOMETRICS

HZCAS400HT LO WT50 120-277V

POLAR CURVES



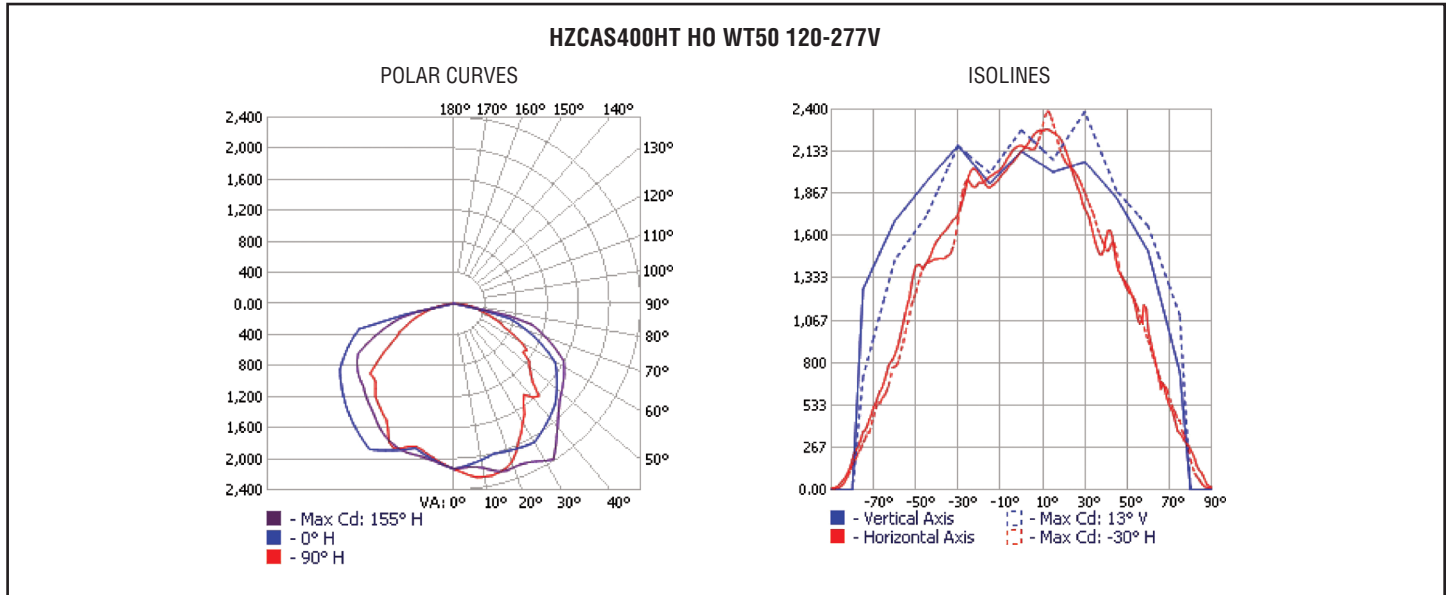
ISOLINES



CASTEX 400

ADDITIONAL INFORMATION

PHOTOMETRICS



ENERGY CHART

MODEL (5000K CCT)	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (HRS) TESTED	L70 (HRS) PROJECTED
HZCAS400HT LO	130 LPW	30W	3900 lm	>80	>50,000	>72,000
HZCAS400HT MO	130 LPW	36W	4680 lm	>80	>50,000	>72,000
HZCAS400HT HO	130 LPW	50W	6500 lm	>80	>50,000	>72,000
HZCAS400HT VHO	130 LPW	60W	7800 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	36W	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.