

CAS-400

HAZARDOUS - VAPOUR TIGHT

Type: _____

Project: _____

Delivered Lumens:
3900 lm - 7800 lm

Input Wattage:
30W - 60W

Efficacy:
Up to 130 lm/W

Colour Temperatures:
5000K

Projected Lumen Maintenance:
 $L_{70}@ > 72,000$ hrs



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

Configurations

MODEL	LENGTH	OPERATION	OUTPUT	DIMMING	COLOUR TEMP	INPUT	OPTIONS
HZ-CAS400	2 (ft) ¹	HT (AC only)	LO	⁵ blank (no dimming)	⁷ WT40 (4000K)	120-277V	³ HZ-CH39 (suspension mount)
	4 (ft) ²	⁵ SA (AC & EM)	MO	DIM (0-10V dimming)	⁶ WT50 (5000K)	⁴ HV	HZ-JBox (J-Box)
			⁷ HO				
			VHO				

NOTE: Surface/wall mount is standard. Clear lens is standard, frosted lens contact factory and longer lead times will apply. **NOTE¹:** 2 ft ONLY available for 30W (LO) & 40W (MO); **NOTE²:** 4 FT ONLY available for 50W (HO) & 60W (VHO); **NOTE³:** Single 39" (1 m) hang. Can be field-cut; **NOTE⁴:** High voltage option available (200 to 480V). Contact factory; **NOTE⁵:** Contact factory for lead time; **NOTE⁶:** C1D2 available in 2700K, 4000K & 5000K ONLY; Zone 2 available in 2700K to 6500K, contact factory; **NOTE⁷:** HO only available with WT40 (4000K).

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, 3mm thick clear fiberglass-reinforced polycarbonate, 120° wide beam distribution.

COLOR TEMPERATURE:

5000K standard

LUMENS:

- LO: 30W @ 3900 lm
- MO: 40W @ 5200 lm
- HO: 50W @ 6500 lm
- VHO: 60W @ 7800 lm
- EM: 15W @ 1950 lm

OPERATING TEMP:

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

WEIGHT:

- 2ft: 11.6 lbs (5.3 kg)
- 4ft: 19.7 lbs (8.9 kg)

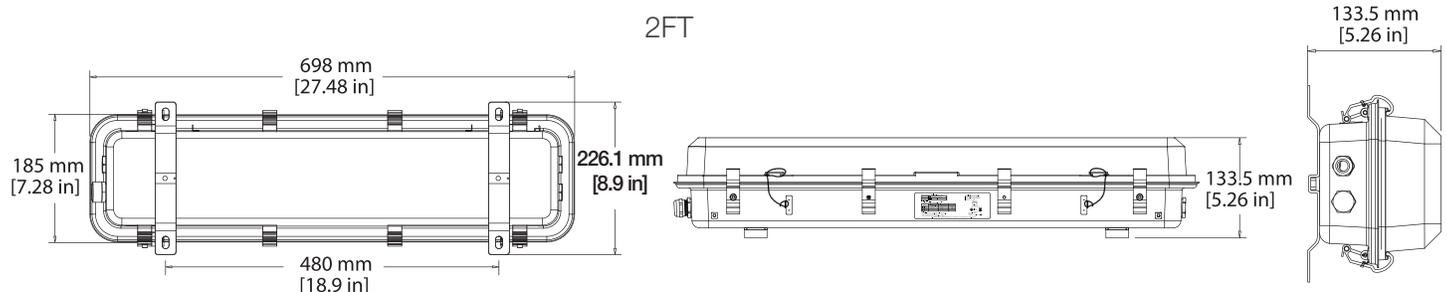
APPLICATION:

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

DIMMING:

0-10V dimming standard.

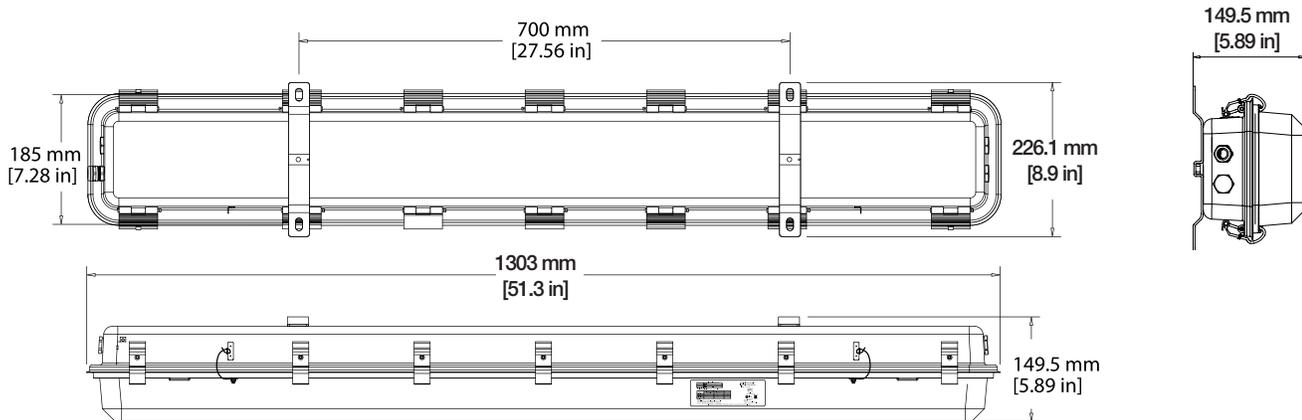
Dimensions



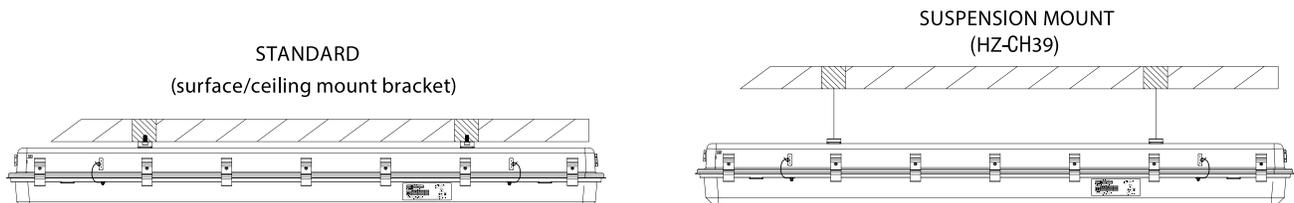
CASTEX 400

Dimensions

4FT



MOUNTING OPTIONS

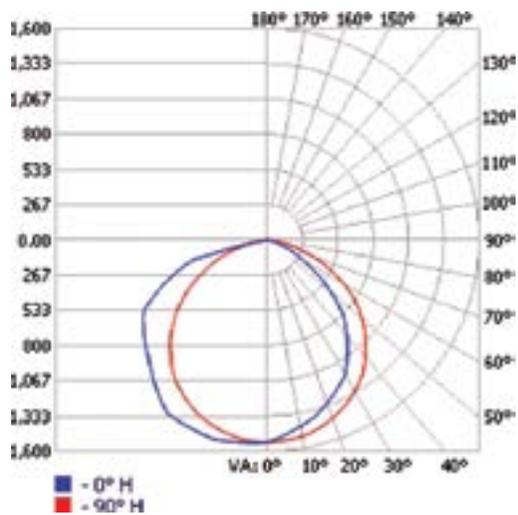


NOTE: Power cord cannot be exposed. Hazardous conduit or hazardous J-box mounting required.

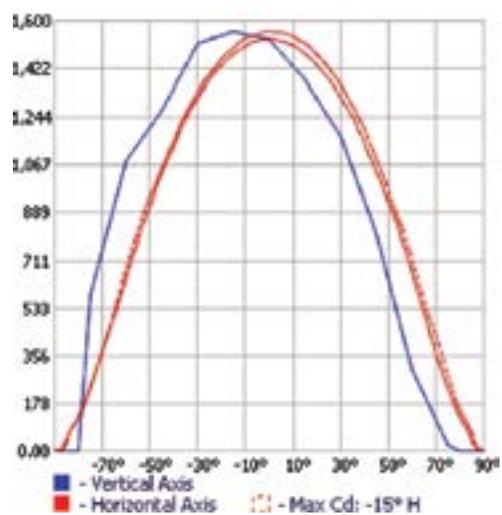
PHOTOMETRICS

HZ-CAS400-HT-LO-WT50-120-277V

POLAR CURVES



ISOLINES

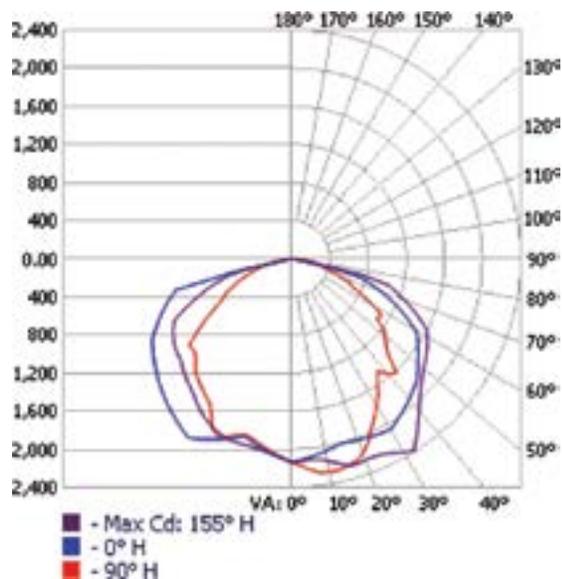


PHOTOMETRIC DATA

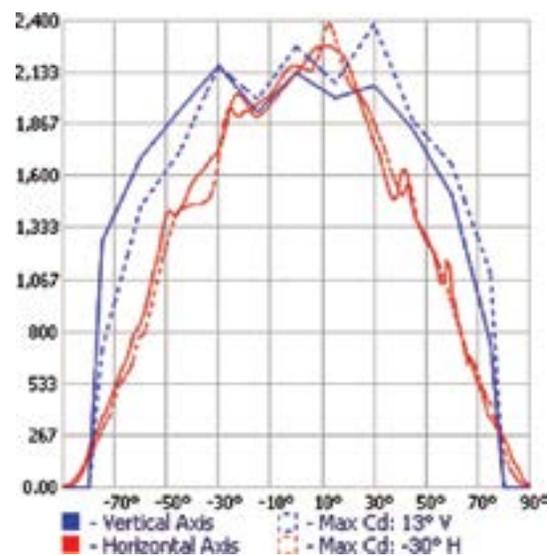
PHOTOMETRICS

HZ-CAS400-HT-HO-WT50-120-277V

POLAR CURVES



ISOLINES



ENERGY CHART

MODEL	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (HRS) TESTED	L70 (HRS) PROJECTED
HZ-CAS-400-HT-LO-WT50-120-277V	130 lm/W	30W	3900 lm	>80	>50,000	>72,000
HZ-CAS-400-HT-MO-WT50-120-277V	130 lm/W	40W	5200 lm	>80	>50,000	>72,000
HZ-CAS-400-HT-HO-WT50-120-277V	130 lm/W	50W	6500 lm	>80	>50,000	>72,000
HZ-CAS-400-HT-VHO-WT50-120-277V	130 lm/W	60W	7800 lm	>80	>50,000	>72,000

DIMMER COMPATIBILITY

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