

CASTEX 310

HAZARDOUS



- The **CASTEX 310** is a hazardous location luminaire rated for use in:
 - Class I, Division 1, Groups C, D
 - 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
 - UL1598 (Wet Location) & UL1598A (Marine)
 - Temperature Code: T4
- The **CASTEX 310** comes standard in gray with a surface/wall mount.
- **HOUSING:** Die-cast, 6mm thick ADC12 aluminum alloy body with marine grade RAL7040 powder coat finish.
- **COLOR TEMPERATURE:** Other color temperatures available (2200K to 7000K), contact factory for details.
- **DIFFUSER:** 8 mm tempered glass, wide distribution 120°. Other distributions available (40°, 60° & 90°), contact factory for details.
- **LUMENS:**
 - VLO: 60W @ 8254 lm (EM: 15W @ 2064 lm)
 - LO: 80W @ 11190 lm (EM: 15W @ 2098 lm)
 - MO: 100W @ 14373 lm (EM: 15W @ 2156 lm)
 - HO: 150W @ 21000 lm (EM: 15W @ 2139 lm)
 - VHO: 245W @ 32247 lm (EM: 15W @ 1974 lm)
- **OPERATING TEMP:**
 - HT (AC Only) -40°F to 140°F (-40°C to 60°C)
 - SA (AC & EM) 14°F to 140°F (-10°C to 60°C)
- **WEIGHT:** 31 lbs to 46 lbs (14 kg to 21 kg)



- **APPLICATION:** The **CASTEX 310** is ideal for use in extreme hazardous locations such as oil and gas, chemical, marine and food industries. This unit is suitable for high humidity, high dust, high temperature and high vapor locations.

ORDERING INFORMATION

Example: HZCAS320HTMODIMWT50120-277V

MODEL	OPERATION	OUTPUT	DIMMING	COLOR TEMP	INPUT	OPTIONS
HZ-CAS310	HT (AC only)	VLO	DIM (0-10V dimming)	WT50 ² (5000K)	120-277V	BAA (Buy American Act)
	SA ¹ (AC & EM)	LO				EM (remote emergency VLO & LO)
		MO				
		HO				
	VHO					
ACCESSORIES						
					HZCH39 (39" chain)	HZ-PK12 (12" pendant stem)
					HZHK (hook mount)	HZ-WM25 (25° wall mount)
					HZJBOX (J-box)	HZ-WM90 (90° wall mount)

NOTE 1: Integral emergency available in MO, HO and VHO outputs (remote for VLO and LO outputs)

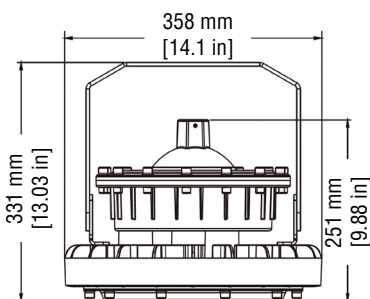
NOTE 2: Other color temperatures available (2200K to 7000K), contact factory for lead time

NOTE 3: High voltage option available (200 to 480V, contact factory for lead time)

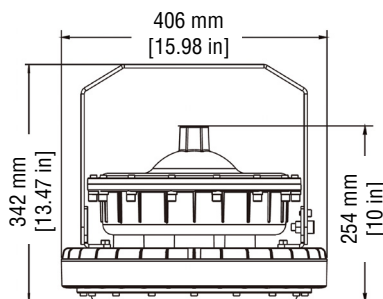
NOTE 4: Emergency includes hazardous rated housing, remote mount up to 50 ft

NOTE: Surface/wall mount is standard

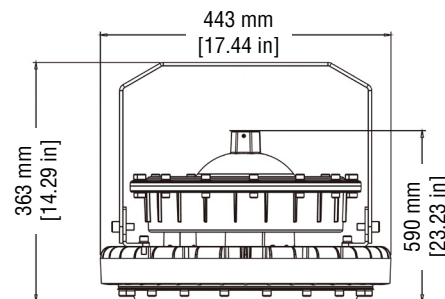
DIMENSIONS



VLO & LO



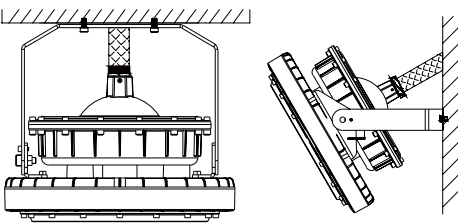
MO & HO



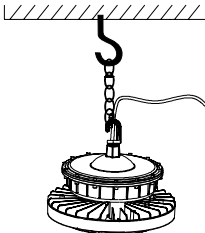
VHO

MOUNTING

Standard
(surface/ceiling mount bracket)

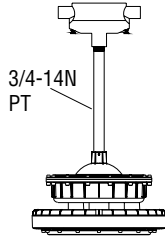


Hook Mount
(HZHK)

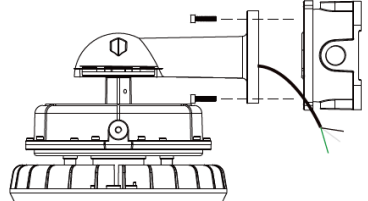


Pendant Kit
(HZPK12)

3/4-14N
PT



Wall Mount
(HZWM90, HZWM25)

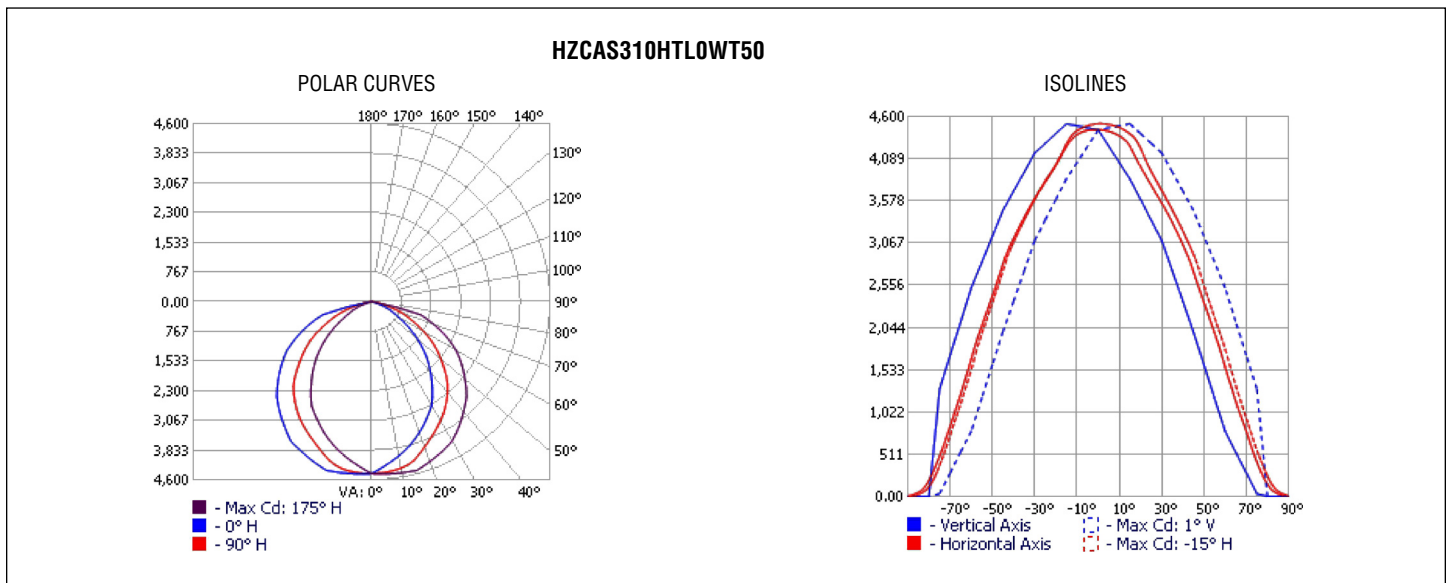


NOTE: Power cord cannot be exposed. Hazardous conduit or hazardous J-box mounting required. Order hazardous J-box separately.

NOTE: PK12 does not include hazardous rated J-box. J-box must be ordered separately.

NOTE: Hazardous J-box included with wall mount

PHOTOMETRICS



ENERGY CHART

MODEL (5000K CCT)	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (HRS) TESTED	L70 (HRS) PROJECTED
HZCAS310HTVL0	131 lm/W	60	8254 lm	>70	>44,000	>72,000
HZCAS310HTL0	143 lm/W	80	11190 lm	>70	>44,000	>72,000
HZCAS310HTM0	138 lm/W	100	14373 lm	>70	>44,000	>72,000
HZCAS310HTH0	138 lm/W	150	21389 lm	>70	>44,000	>72,000
HZCAS310HTVH0	132 lm/W	245	32247 lm	>70	>44,000	>72,000

CASTEX 310

ELECTRICAL RATING

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A) AC VOLTAGE		FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		120 V	277 V			
HZCAS310HTVLO	60	0.51	0.22	50/60	48	1250
HZCAS310HTLO	80	0.68	0.29	50/60	48	1670
HZCAS310HTMO	100	0.85	0.37	50/60	48	2090
HZCAS310HTH0	150	1.28	0.55	50/60	48	3130
HZCAS310HTVH0	245	2.10	0.91	50/60	48	5210

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