

CASTEX 300



HAZARDOUS - LOW TO HIGH BAY

■ The **CASTEX 300** is a hazardous location luminaire 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
- Class II, Zone 21, Group IIIC
- UL1598 (Wet Location) & UL1598A (Marine)
- Temperature Code: T3

■ **MOUNTING:** Adjustable surface ceiling/ wall mount bracket standard

■ **HOUSING:** Die-cast, 6mm thick ADC12 aluminum alloy body with marine grade RAL7040 powder coat finish

■ **COLOR TEMPERATURE:** 5000K standard

■ **DIFFUSER:** 4mm tempered glass in wide 120° distribution

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

■ **LUMENS:**

- XLO: 60W @ 8400 lm
- VLO: 80W @ 11200 lm
- LO: 100W @ 14000 lm (EM: 15W @ 2100 lm)
- MO: 150W @ 21000 lm (EM: 15W @ 2100 lm)
- HO: 200W @ 28000 lm (EM: 15W @ 2100 lm)
- VHO: 250W @ 35000 lm (EM: 15W @ 2100 lm)
- XHO: 400W @ 56000 lm

■ **OPERATING TEMP:**

- HT (AC Only) -40°F to 104°F (-40°C to 40°C)*
 - SA (AC & EM) 14°F to 104°F (-10°C to 40°C)
- *250W up to 55°C, 60W up to 50°C



■ **APPLICATION:** The **CASTEX 300** is ideal for use in heavy industrial areas such as mining, refineries, paper mills, waste water treatment, food processing, chemical, fuel and marine locations.

■ **WEIGHT:** 7.7 lbs to 37.5 lbs

ORDERING INFORMATION

Example: HZCAS300HTHODIMWT50120-277V

MODEL	OPERATION	OUTPUT	DIMMING	COLOR TEMP	INPUT	OPTIONS
HZCAS300	HT (AC only)	XLO	DIM (0-10V dimming)	WT50 ² (5000K)	120-277V	BAA (Buy American Act)
	SA ¹ (AC & EM)	VLO				
		LO				
		MO				
		HO				
		VHO				
		XHO				
						ACCESSORIES
					HZCH39 (39" chain)	HZSTN25 (25° stanchion)
					HZHK (hook mount)	HZSTN90 (90° stanchion)
					HZJBOX (J-box)	HZWMT25 (25° wall mount)
					HZPK12 (12" pendant stem)	HZWMT90 (90° wall mount)

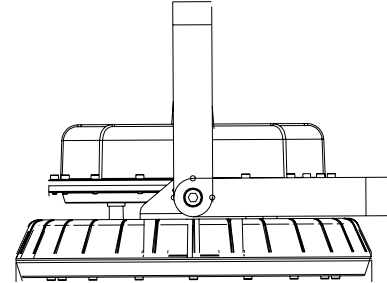
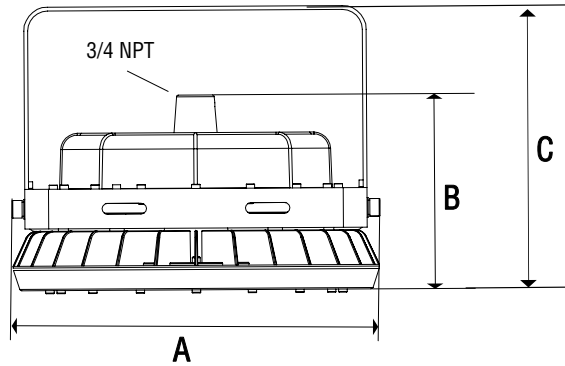
NOTE 1: Available in LO, MO, HO, VHO only, contact factory for lead time

NOTE 2: Other CCTs available (3000K to 6500K), contact factory for details

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

NOTE: Surface ceiling/ wall mount is standard

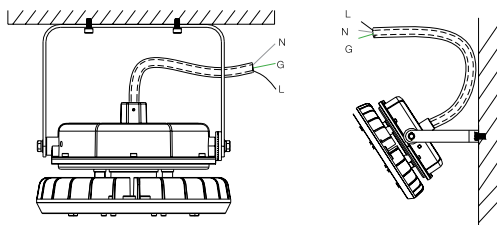
DIMENSIONS



MODEL	(A)	(B)	(C)
60W	7.1"	9.1"	7.1"
80W	10.6"	10.5"	6.2"
100, 150, 200W	14.6"	11.4"	7.9"
250W, 400W	18.9"	15.5"	9.5"

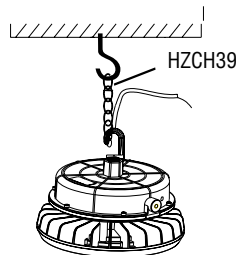
MOUNTING OPTIONS

Standard
(surface ceiling/ wall mount bracket)

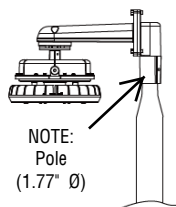


Note: Power cord cannot be exposed. Hazardous conduit or hazardous J-box mounting required.

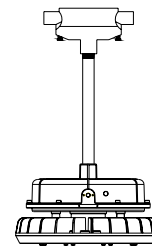
Hook Mount
(HZHK)



Stanchion Mount
(HZSTN25, HZSTN90)

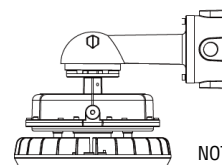


Pendant Mount
(HZPK12)



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

Wall Mount
(HZWM25, HZWM90)

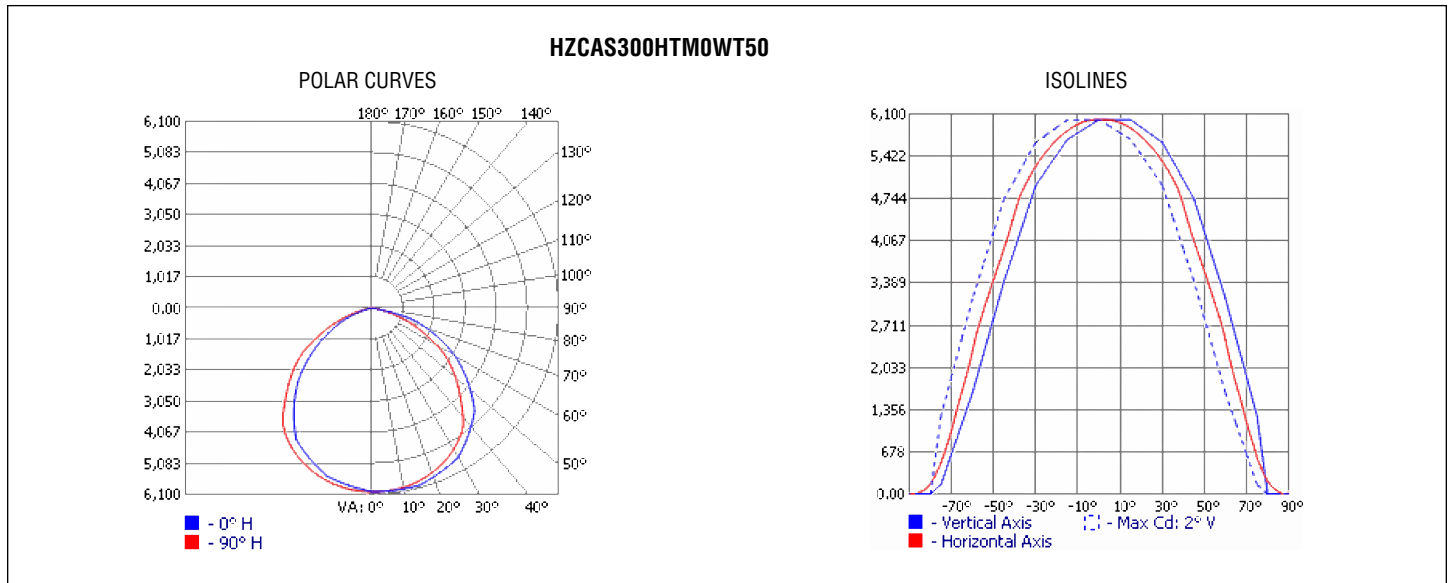


NOTE: Hazardous J-box included with wall mount

CASTEX 300

ADDITIONAL INFORMATION

PHOTOMETRICS



ENERGY CHART

MODEL (5000K CCT)	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (HRS) @ 55°C
HZCAS300HT XL0	140 LPW	60	8400 lm	>70	>150,000
HZCAS300HT VL0	140 LPW	80	11200 lm	>70	>150,000
HZCAS300HT L0	140 LPW	100	14000 lm	>70	>150,000
HZCAS300HT M0	140 LPW	150	21000 lm	>70	>150,000
HZCAS300HT H0	140 LPW	200	28000 lm	>70	>150,000
HZCAS300HT VH0	140 LPW	250	35000 lm	>70	>150,000
HZCAS300HT XH0	140 LPW	400	56000 lm	>70	>150,000

ELECTRICAL RATING

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A)		FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		120 V	277 V			
HZCAS300HT XL0	60	0.50	0.22	50/60	48	1250
HZCAS300HT VL0	80	0.67	0.29	50/60	48	1670
HZCAS300HT L0	100	0.84	0.37	50/60	48	2090
HZCAS300HT M0	150	1.28	0.55	50/60	48	3130
HZCAS300HT H0	200	1.67	0.73	50/60	48	4170
HZCAS300HT VH0	250	2.10	0.91	50/60	48	5210
HZCAS300HT XH0	400	3.35	1.45	50/60	48	8350

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