

# CASTEX 350



## HAZARDOUS FLOOD & HIGHBAY

■ The **CASTEX 350** 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
- UL1598 (Wet Location) & UL1598A (Marine)
- Temperature Classification: T5

■ The **CASTEX 350** is a high efficacy LED flood/ highbay in 3 sizes with outputs up to 56000 lm. Stainless steel mounting bracket and hardware are standard. Wide 120° beam distribution is standard. 3/4" NPT side and top cable entries standard.

■ **HOUSING:** Die-cast, copper-free, ADC12 aluminum alloy with marine grade RAL7040 gray powder coat finish

■ **DIFFUSER:** Tempered flat glass lens standard

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

■ **COLOR TEMPERATURE:** 5000K standard

■ **OPERATING TEMP:**

- HT (AC Only): see table below, -40° up to 55°C
- SA (EM): 0° to 40°C (32 to 104°F)

■ **WEIGHT (lbs):** 35M = 15.3, 35L = 18.3, 35X = 33.3

■ **INPUT VOLTAGE:** 120-277VAC std (220-480V optional)

■ **OUTPUT & WATTAGE:**

**35M**



**35L**



**35X**



**APPLICATION:** The **CASTEX 350** is ideal for oil, gas, chemical, marine, aerospace, metal treatment, paper mills, waste water treatment, food and alcohol industries. The luminaire is ideally suited for high humidity, high vapor, high dust, high wind and high temperature locations.

MODEL	LO	MO	HO	OPERATING TEMP (HT)
HZCAS35M	60W, 8400 lm	80W, 11200 lm	100W, 14000 lm	-40 to 45°C all C1D2 ABCD models
HZCAS35L		150W, 21000 lm	200W, 28000 lm	-40 to 45°C all models
HZCAS35X	250W, 35000 lm	300W, 42000 lm	400W, 56000 lm	-40 to 40°C up to 300W, -40 to 25°C for 400W

## ORDERING INFORMATION

Example: HZ CAS35M HT MO 5K

MODEL	SIZE	OPERATION	OUTPUT <sup>2</sup>	CCT	OPTIONS
HZ CAS35	M (medium)	HT (AC only)	LO	5K <sup>3</sup> (5000K)	BAA (Buy American Act)
	L (large)	SA <sup>1</sup> (AC & EM)	MO		
	X (x-large)		HO		HV <sup>4</sup> (220-480V)

ACCESSORIES
HZCH39 (39" chain)
HZHK (hook mount)
HZJBOX (j-box)
HZPK12 (12" pendant stem)
HZSTN25 (25° stanchion)
HZSTN90 (90° stanchion)
HZSTW (stanchion wall mount)
HZWM25 (25° wall mount)
HZWM90 (90° wall mount)

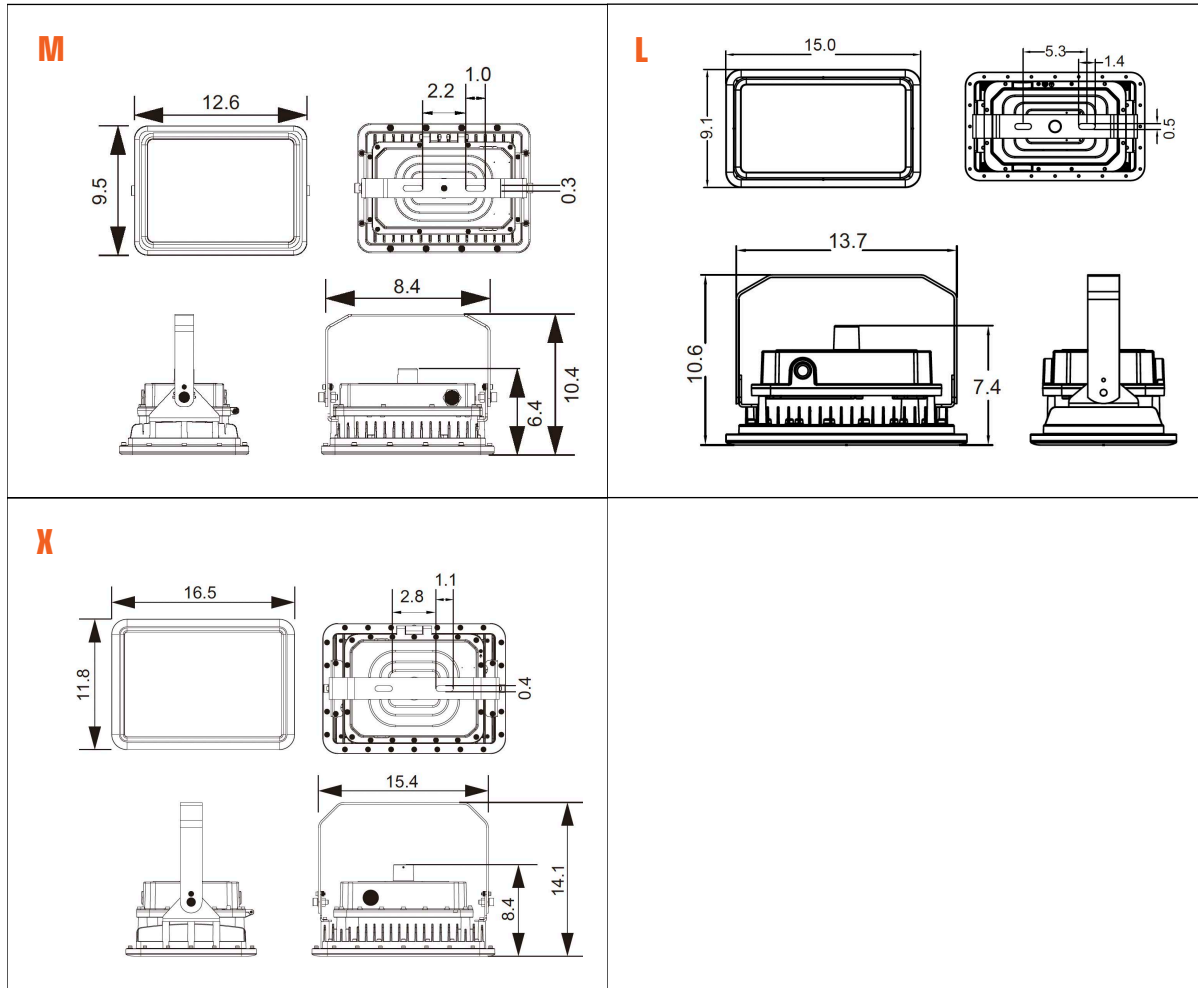
NOTE 1: Emergency Li-ion battery provides 1200 lm with 8W of power for 180 minutes of egress illumination in 150-250W models only, consult factory for lead time

NOTE 2: Outputs vary by size, consult output & wattage table above; contact factory for custom outputs

NOTE 3: Other color temperatures (2200K to 7000K) and distributions available, contact factory for details

NOTE 4: High voltage option available, contact factory for details

## DIMENSIONS (inches)



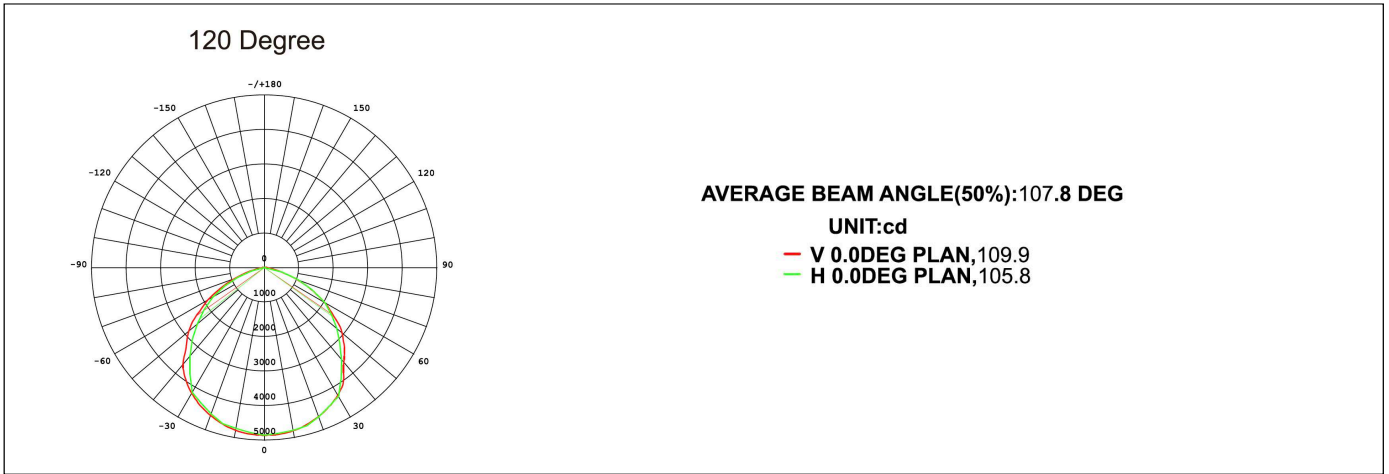
## ENERGY CHART

MODEL	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (hrs.) @ 55°C
HZCAS35M HT LO 5K	140 LPW	60	8400	>70	>78,000
HZCAS35M HT MO 5K	140 LPW	80	11200	>70	>78,000
HZCAS35M HT HO 5K	140 LPW	100	14000	>70	>78,000
HZCAS35L HT MO 5K	140 LPW	150	21000	>70	>78,000
HZCAS35L HT HO 5K	140 LPW	200	28000	>70	>78,000
HZCAS35X HT LO 5K	140 LPW	250	35000	>70	>78,000
HZCAS35X HT MO 5K	140 LPW	300	42000	>70	>78,000
HZCAS35X HT HO 5K	140 LPW	400	56000	>70	>78,000

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ADDITIONAL INFORMATION

## PHOTOMETRICS



## MOUNTING

<p><b>Ceiling Mount (std)</b></p>	<p><b>Wall Mount (std)</b></p>	<p><b>Hook Mount</b></p> <p><b>HZHOOK</b></p> <p><b>HZCH39</b> (39" chain for hook mount)</p>	<p><b>Pendant Mount</b> (12" stem and hazardous J-box)</p> <p><b>HZJBOX</b></p> <p><b>HZPK12</b></p>
<p><b>Stanchion on Pole Mount</b></p> <p><b>HZSTN25</b></p> <p><b>HZSTN90</b></p>	<p><b>Stanchion Wall Mount</b></p> <p><b>HZSTW</b></p>	<p><b>Arm Mount with J-box</b></p> <p><b>HZWM25</b></p> <p><b>HZWM90</b></p>	

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