

CASTEX 100



HAZARDOUS JELLY JAR

- The **CASTEX 100** 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, Group F, G
 - Class III
 - UL1598 (Wet Location), UL1598A (Marine)
 - Temperature Classification: T6, T5, T4
- **MOUNTING:** Surface ceiling or wall mount standard
- **HOUSING:** Die-cast, copper-free, 6 mm thick, ADC12 aluminum alloy with marine grade RAL9006 gray powder coat finish
- **DIFFUSER:** 6 mm clear tempered glass, wide 120° distribution
- **DIMMING:** 0-10VDC dimming standard
- **LED LUMEN MAINTENANCE:** L70: >150,000 hours @ 55°C
- **COLOR TEMPERATURE:** 5000K standard
- **INPUT/ OUTPUT:** 120-277VAC standard
 - MO: 20W @ 2000 lm
 - HO: 30W @ 3000 lm
- **OPERATING TEMP:**
 - HT (AC Only) -40°F to 140°F (-40°C to 60°C)
- **WEIGHT:** 6.0 lbs (ceiling mount), 8.2 lbs (wall mount)



- **APPLICATION:** The **CASTEX 100** is ideal for oil, gas, chemical, marine, aerospace, metal treatment, food and alcohol industries. The luminaire is ideally suited for high humidity, high vapor, high dust and high temperature locations.

ORDERING INFORMATION

MODEL ¹	DESCRIPTION
HZCAS100 HT MO 5K C	20W, 2000 lm, 5000K CCT, 0-10V Dimming, 120° Distribution, Ceiling mount, Gray
HZCAS100 HT MO 5K W90	20W, 2000 lm, 5000K CCT, 0-10V Dimming, 120° Distribution, 90° Wall mount, Gray
HZCAS100 HT HO 5K W90	30W, 3000 lm, 5000K CCT, 0-10V Dimming, 120° Distribution, 90° Wall mount, Gray

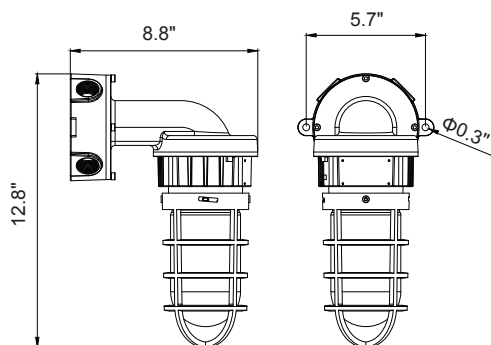
MOUNTING ACCESSORIES²

- HZJBOX (J-box, hazardous location)
- HZPK12 (12" pendant stem)

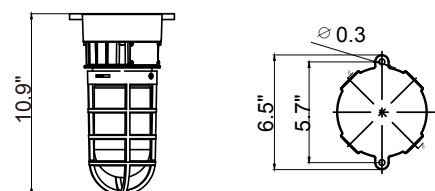
NOTE 1: Other CCTs, wattage and 220-480V options available, contact factory for details
 NOTE 2: For use with pendant mount housing, consult factory for availability

DIMENSIONS

90 Degree
Wall Mount



Ceiling Mount



MOUNTING OPTIONS

Ceiling Mount

M5*15mm socket head screw

Wall Mount

Wall

Optional Stem Mount (consult factory for availability)

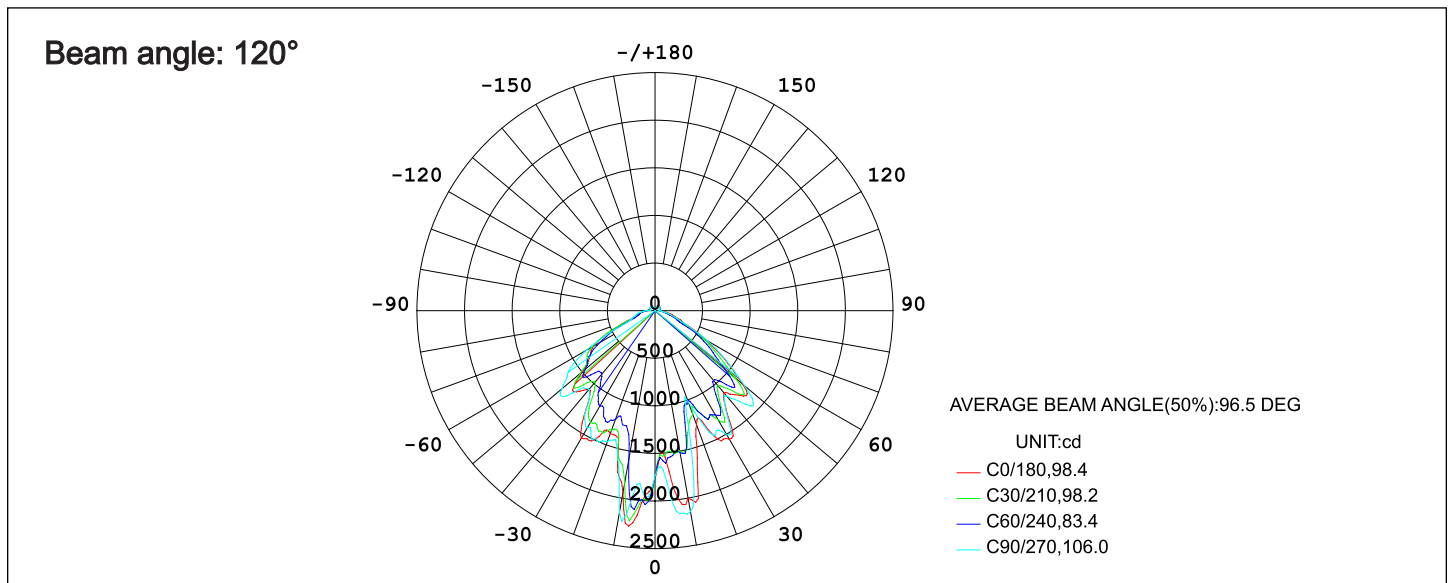
5.2" 3/4"NPT \varnothing 0.6"

10.9"

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Note: Pendant HZPK12 stem does not include hazardous J-box, HZJBOX sold separately

PHOTOMETRICS



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

CASTEX 100

TECHNICAL INFORMATION

Electrical

Specification	HZCASMO	HZCASHO
Rated Power	20W	30W
Input Voltage	100-277VAC	
Input Frequency	50/60Hz	
Power Factor	> 0.95	

Optical

Specification	HZCASMO	HZCASHO
Lumen Output	2000lm	3000lm
Lumens Per Watt	100 LPW	
CCT	5000K standard (3000K-6500K available)	
CRI	> 70	
Dimming	0-10V Dimming standard	

Environmental

Specification	HZCASMO	HZCASHO
Ambient Temperature - Normal	T6/T80°C: -40°C to +25°C (-40°F to +77°F) T5/T95°C: -40°C to +40°C (-40°F to +104°F) T4/T130°C: -40°C to +60°C (-40°F to +140°F)	

Mechanical

Specification	HZCASMO	HZCASHO
Housing Material	Copper-free aluminum	
Diffuser	Tempered clear glass standard (frosted available)	
Protection	IP66/ IP67/ IK08	
Mounting	Ceiling & Wall standard (stem available)	
Outlet	Regular 1 meter	
Cable Entries	4 cable entries at side wall of luminaire housing, compatible with M25, M20, NPT 1/2" or NPT 3/4" certified cable glands or stopping plugs with suitable IP code	

■ **L70 LUMEN MAINTENANCE:** > 150,000 hrs @ 55°C

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