

LIGHTING

HFXE SERIES



LINEAR FLUORESCENT EMERGENCY LIGHTING



4' Nominal Style



2' Nominal Style

Class I, Div. 1 & 2, Groups C,D
Class I, Zones 1 & 2, Groups IIB, IIA
Class II, Div. 1 & 2, Groups E,F,G
Class III, Div. 1 & 2
NEMA 3, 7(C,D) 9(E,F,G)
Suitable for wet locations

UL LISTED - File E12976 and E89665 (Marine)
 3 UL 924, UL 844

SP Certified - File LR11713

FEATURES-SPECIFICATIONS Applications

HFXE Series Emergency Lighting fixtures provide continuous illumination under normal power and switch to emergency battery backup during power outages. Units contain a battery unit that provides the OSHA required 90 minutes of illumination for egress.

Units are designed for installations where moisture, dirt, dust, corrosion and vibration may be present, or wet locations where wind, water and snow can be expected. They can also be used in locations made hazardous due to the presence of flammable or explosive gases, vapors and combustible ducts as defined by the NEC.

Features

- Construction is strong lightweight corrosion resistant copper-free aluminum alloy, less than 4/10 of 1%
- All external hardware is corrosion resistant 316 stainless steel to provide maintenance free long life
- World voltage ballasts standard on 32W and BIAxIAL models (120-277V 50/60 Hz)
- LED charging indicator light on ballast enclosure.

See page L172 for Dimensions and Accessories

HFXE FLUORESCENT EMERGENCY LIGHTING				
CATALOG NUMBER ^{①②}	CONDUIT SIZE	LINE VOLTAGE	DESCRIPTION	PROFILE
HFXE2-265-302	3/4"	120-277V 50/60 Hz	32W T8 electronic ballast 265MA	 Two Glass Tubes 4' Nominal
HFXE2-430-12		120V 60 Hz	40W T12 electronic ballast 430MA	
HFXE2-430-42		277V 60 Hz	40W T12 electronic ballast 430MA	
HFXE2-460-302		120V-277V 50/60 Hz	54W T5HO Electronic Ballast 460MA	
HFXE1-800-12		120V 60 Hz	60W T12 electronic ballast 800MA	
HFXE1-800-42		277V 60 Hz	60W T12 electronic ballast 800MA	
HFXE2-265-303	3/4"	120-277V 50/60 Hz	32W T8 electronic ballast 265MA	 Three Glass Tubes 4' Nominal
HFXE2-430-13		120V 60 Hz	40W T12 electronic ballast 430MA	
HFXE2-430-43		277V 60 Hz	40W T12 electronic ballast 430MA	
HFXE2-460-303		120V-277V 50/60 Hz	54W T5HO Electronic Ballast 460MA	
HFXE1-800-13		120V 60 Hz	60W T12 electronic ballast 800MA	
HFXE2-265-304	3/4" ^③	120-277V 50/60 Hz	32W T8 electronic ballast 265MA	 Four Glass Tubes 4' Nominal
HFXE2-430-14		120V 60 Hz	40W T12 electronic ballast 430MA	
HFXE2-430-44		277V 60 Hz	40W T12 electronic ballast 430MA	
HFXE1-800-14		120V 60 Hz	60W T12 electronic ballast 800MA	
HFXE1-800-44		277V 60 Hz	60W T12 electronic ballast 800MA	
BIAxIAL SERIES				
HFXE1-40T-302	3/4"	120-277V 50/60 HZ	2' 2 Lamp 40W BIAxIAL	 Two Glass Tubes 4' Nominal
HFXE1-55T-302			2' 2 Lamp 55W BIAxIAL	
HFXE1-40T-304			4' 4 Lamp 40W BIAxIAL	
HFXE1-55T-304			4' 4 Lamp 55W BIAxIAL	

① Digit after "E" in catalog logic indicates number of lamps energized in emergency mode.

② Consult non-emergency HFX pages L164-169 for thermal, dimensional and other data, plus for available accessories. 40W & 60W are not available with universal voltage or 240V 50Hz ballasts.

③ 1, 2 and 3 tube models are third party certified. 4 tube models are self-certified.

NOTES: For fusing, add suffix F1 for 120V; F4 for 277V.
 Emergency unit will start lamps at 0°F
 32W T8 electronic ballast minimum start is 0°F
 40W ballast is electronic with 50°F start
 60W ballast start at -20°F
 32W & 40W units operate 2 lamps in emergency mode for a maximum illumination
 60W and BIAxIAL units operate a single lamp. 3 lamp 277V 60W emergency units not available.
 Replacement Battery Pack #KFBP10

EMERGENCY LUMEN CHART		
LAMPS	INITIAL LUMENS	AFTER 90 MINUTES
2 32W lamps	1350	900
2 40W lamps	1100	640
1 60W lamp	1200	810
1 40W BIAxIAL	900	540
1 55W BIAxIAL	900	465