

# LIGHTING

**DBFE SERIES**



## LINEAR FLUORESCENT EMERGENCY LIGHTING



**Class I, Div. 2, Groups A,B,C,D**  
**Class I, Zone 2, Groups IIC, IIB, IIA**  
**Class II, Div. 2 Groups F,G**  
**NEMA 3, 4**

- UL Listed  
Compliances: UL 44; UL 81570, UL924
- UL Wet Location Listed (Indoor & Outdoor)

### FEATURES-SPECIFICATIONS

## LINEARLITE® \* E EMERGENCY

\* marca registrada MEXICO

#### Applications

LINEARLITE DBFE 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 general and task lighting in areas where flammable gases or vapors or combustible dusts may exist due to abnormal conditions, and create a Division 2 hazardous location, as defined by the NEC.

#### Features

- Sheet steel 20 ga. housing with continuous weld prevents foreign matter from entering enclosure
- Lens frame assembly has silicon rubber gasketing and heat tempered glass lens
- Electrostatically applied polyester finish
- NEMA 4 construction for wet locations
- LED charging indicator light visible through lens
- Push-To-Test Button mounted on sloping side of fixture - allows end-to-end mounting of fixtures

DBFE FLUORESCENT EMERGENCY LIGHTING				
CATALOG NUMBER	CONDUIT SIZE	NUMBER OF LAMPS	LINE VOLTAGE	DESCRIPTION
DBFE232302	3/4"	2	120-277V 50/60 Hz	32W T8 electronic ballast 0°F start Medium bi-pin base
DBFE24012 DBFE24042			120V 60 Hz 277V 60 Hz	32W T8 electronic ballast 0°F start Medium bi-pin base
DBFE16012 DBFE16042			120V 60 Hz 277V 60 Hz	32W T8 electronic ballast 0°F start Medium bi-pin base
DBFE232303	3/4"	3	120-277V 50/60 Hz	32W T8 electronic ballast 0°F start Medium bi-pin base
DBFE24013 DBFE24043			120V 60 Hz 277V 60 Hz	32W T8 electronic ballast 0°F start Medium bi-pin base
KFBP7			(32/40 or 60 Watt) Replacement battery unit	

Notes: 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 (add CW for electromagnetic 0°F);  
 60W electromagnetic ballast start -20°F  
 32W & 40W units operate 2 Lamps in emergency mode for maximum illumination  
 60W units operate a single lamp. 3 Lamp 60W emergency units not available.  
 For dimensional data and mounting accessories, see DBF series page L162.  
 Digit after E is number of lamps energized during power loss.

EMERGENCY LUMEN CHART		
LAMPS	INITIAL LUMENS	AFTER 90 MINUTES
2 32W Lamps	625	455
2 40W Lamps	610	420
1 60W Lamp	780	460

DBFE HAZARDOUS LOCATION APPLICATION DATA							
NO. OF LAMPS	LAMP WATTS	RATED AMBIENT °C	SUPPLY WIRE SUITABLE FOR °C MIN	CLASS I, DIV. 2, GROUPS A,B,C,D MAX. LAMP TEMP.°C UL/CSA TEMP./I.D.	CLASS II, DIV. 2, GROUPS E,F,G MAX. SURF. TEMP.°C UL/CSA TEMP./I.D.	NEMA TYPE 3 (RAINTIGHT)	NEMA TYPE 4 (HOSEDOWN)
2	32/40	40	90	T6 (85°C/185°F)	T6 (85°C/185°F)	YES	YES
3	32/40	40	90	T5 (100°C/212°F)	T6 (85°C/185°F)	YES	YES
2	60	40	90	T4A (120°C/248°F)	T6 (85°C/185°F)	YES	YES