

HLF SERIES FLUORESCENT EXPLOSION PROOF

FEATURES

For use in hazardous locations where flammable gases, vapors and combustible dusts are present. Applications include paint spray booths, oil and gas production, petrochemical and other hazardous, corrosive facilities.

Relamping from either end permits easy access, speed and flexibility in relamping. Spring-loaded sockets on both lamp ends provide positive electrical contact and improved vibration resistance. Threaded O-Ring gasketed covers provide easy access to lamp chambers, ballast and wiring compartment. UL Listed for use in paint spray booths. Ballast housing and end caps are copper-free (>0.4%) aluminum. External hardware – SS316.

Reflectors are extruded aluminum with white baked enamel finish. Removable for cleaning. Wire Guard accessory – SS316.

UL844: Class I, Division 1/2, Groups C, D; Class II, Division 1/2, Groups E,F,G; Class III, Division 1/2. UL 1598A Marine Outdoor; NEMA 3, 4X, 7(C, D), 9(E, F, G).



SPRING-LOADED SOCKETS ON BOTH LAMP ENDS PROVIDE POSITIVE ELECTRICAL CONTACT & IMPROVED VIBRATION RESISTANCE

EXTRUDED ALUMINUM REFLECTORS WITH WHITE BAKED ENAMEL FINISH

ORDERING INFORMATION

ORDERING EXAMPLE

HLF - 2 - R - 1 - B
 Series Number of Lamps Lamp Voltage Ballast

SERIES

HLF Hazardous Location Fluorescent

NUMBER OF LAMPS

2 2 Lamps

3 3 Lamps

4 4 Lamps²

LAMP TYPE

R Rapid Start, 430 mA (T-8 at 265 mA)

H High Output, 800 mA

P Very High Output, 1500 mA

VOLTAGE

1 120V (lamp type R, H, P)

4 277V (lamp type R, H, P)

E 220/240V 50Hz

F 347V (lamp type R, H) consult factory

P 220V 60Hz (lamp type R only) consult factory

BALLAST TYPE

L T-12 Low Temperature (R, H, P)¹

A T-12 Electronic (R only) consult factory

B T-8 Electronic (R only)

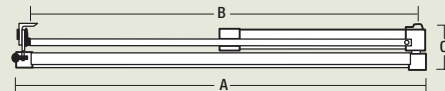
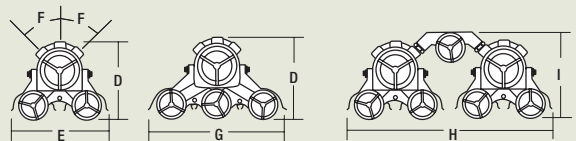
O T-8 Magnetic (R only)

OPTIONS³

FRE In-Line Fuse

- ¹ Low temperature ballast is also energy saving.
- ² Safety chain supplied standard with 4 lamp fixtures.
- ³ Leave Ballast field blank for Magnetic Energy Saving.
- ⁴ Factory installed options for the HLF Series. Order by adding suffix

DIMENSIONS



A	B	C	D	E
52 ¹³ / ₁₆ "	48 ³ / ₈ "	9 ¹³ / ₃₂ "	9 ¹³ / ₃₂ "	11"
1341 mm	1229 mm	239 mm	239 mm	279 mm

F	G	H	I
45°	15 ⁵ / ₈ "	23"	10 ¹ / ₈ "
-	397 mm	584 mm	257 mm