

HCN Incandescent and HCF Compact Fluorescent Lighting Fixtures

Certification Number:

EXPLOSIONPROOF

For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-0 to 1 Standard Zone 1 and Zone 2



Bosston

A QUALITY PRODUCT

Technical data

- Type of Protection: Ex d IIA T3 for Incan ,T6 for Compact FI
- Conforming to : Standards IEC 60079 - 1 or UL 60079-1
- Marking for test : Ex II2G
- Degree of Protection : IP67 acc.To.IEC 60529
- Ambient Temp. (Ta) : -20 °C to+ 55 °C
- Rated Voltage : 220 - 240 V.AC. 50/60Hz.
- Type : HCN and HCF
- Lamp : Incandescent 60/100w.,Compact fluorescent 11-20w
- Lamp holder : E27 acc. IEC 60238
- Protection class for UL. : Class I, Division1 or 2 Group.C,D
Class II, Division1 or 2 Groups.E,F,G
Class III
- Protection class for IEC : Zone1and Zone 2



ISO9001:2008



Applications:

The ECN incandescent, ECF compact fluorescent lighting fixtures are suitable to use for hazardous locations due to the presence of flammable gas or vapors, combustible dusts, refineries, petrochemical plants, and in other process areas. indoor or outdoor in wet and corrosive locations.

Features:

- Factory sealed,no external seals required, easy installation.
- Fixture body is made from copper free aluminium alloy for high corrosion resistant.
- Multi-finned out side for maximum heat dissipation.
- Heat and impact resistant glass globe.
- Stainless steel guard for high corrosion resistant.
- Ease of relamping.
- Terminal block suitable for 4 squmm. Cable and one earth terminal are provided.
- 1/2" Inch NPT for standard conduit hub.
- 3 Type of mounting : pendant, stanchion and bracket Type

Standard Materials:

- Body - Copper-Free aluminium
- Globe - Heat and impact resistant glass
- Guard - Stainless steel
- External reflector ✦ - Anodized aluminium

Standard Finishes:

- Copper-free aluminium - Epoxy-polyester power coated.
- Stainless steel - Natural
- Anodized aluminium - Natural

Options:

External reflector, add suffix - R to Cat.,No.

| Lamp Watt | Temp.Class (Surface Temp.) | | Catalogue Number | | |
|----------------------------|------------------------------|---------|------------------|-----------|----------|
| | 40 C Ta | 55 C Ta | Pendant | Stanchion | Bracket |
| Incandescent | | | | | |
| 60 | T4A | T4A | HCN 60P | HCN 60S | HCN 60B |
| 100 | T3 | T3 | HCN 100P | HCN 100S | HCN 100B |
| Compact Fluorescent | | | | | |
| 11 | T6 | T6 | HCF 11P | HCF 11S | HCF 11B |
| 15 | T6 | T6 | HCF 15P | HCF 15S | HCF 15B |
| 20 | T6 | T5 | HCF 20P | HCF 20P | HCF 20B |

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Dimensions : (in mm.)

