

ECN Incandescent and ECF 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



TIS 1955-2542

Bosston
A QUALITY PRODUCT



ISO9001:2008

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 : IP 66 acc.To IEC 60529

Ambient Temp. (Ta) : -20°C to+ 55 °C

Rated Voltage : 220 - 240 V.AC. 50/60Hz.

Type : ECN and ECF

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

Pendant



Ceiling



Bracket



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.
- 3/4" Inch NPT for standard conduit hub.
- 3 Type is pendant , ceiling , 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	Ceiling	Bracket
Incandescent					
60	T4A	T4A	ECN 60P	ECN 60C	ECN 60B
100	T3	T3	ECN 100P	ECN 100C	ECN 100B
Compact Fluorescent					
11	T6	T6	ECF 11P	ECF 11C	ECF 11B
15	T6	T6	ECF 15P	ECF 15C	ECF 15B
20	T6	T5	ECF 20P	ECF 20C	ECF 20B

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Dimensions : (in mm.)

