



FLUORESCENT FIXTURES FOR HAZARDOUS LOCATIONS

Certification Number:



TIS 1955-2542



TIS 902-2532



Technical data

(TIS902 -Certification Under Preparation)

- Type of Protection: Ex de IIA T6
- Conforming to : Standards IEC 60079-0/1 or UL 60079-1
- Marking for test : Ex II2G
- Degree of Protection : IP66/67 acc.To IEC 60529
- Ambient Temp. (Ta) : -20°C to+ 50°C
- Rated Voltage : 220-240V.AC. 50/60Hz.
- Type :FNR (Ceiling)
- Lamp : Fluorescent 18/20w., 36/40w.Socket G13
- Ballast : Rabbit - Start 20,40w. or Electronic 18,36w.
- Enclosure entry holes : Direct entry 2 x 3/4" NPT. (for pendant type)
- Power factor cos : P.F. \geq 0.95
- Protection class for UL. : Class I, Division1 or 2 Group.C,D
Class II, Division 1 or 2 Groups.E,F,G
Class III
- Protection class for IEC : Zone1and Zone 2
- Options : Fixture handle box 2 way 2x3/4" (for pendant type)
Stopping plug 1x3/4" and Ceiling Saddle 1x3/4"
- Transparent cover : Borosilicate - glass
- Reflector : High grade aluminium anodised reflector
- Weight : 12 kg

Applications:

- The **FNR** Fluorescent Lighting Fixtures are suitable to use for illuminating in hazardous locations due to the presence of flammable gases or vapors, combustible dusts. Indoor,Outdoor or wet and corrosive locations. Ceiling mounting and most suitable for low ceiling buildings.

Features:

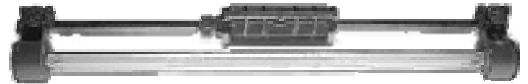
- Factory sealed,external seals not required.
- Body is made from copper free aluminium alloy and coated with epoxy-polyester powder for high corrosion resistant.
- Reflectors can be removed, replaced, adjusted with only a screwdriver.
- Easy to install.Factory sealed and wired Fixture Facilitates installation
- Ballast meet IEC 60928/TIS885-2532 , TIS 1955-2542
- Heavy-duty glass lamp tubes provide maximum strength and impact resistance to protect lamps.

Standard Materials:

- Body - Copper-Free aluminum except sheet aluminum alloy
- Borosilicate glass, heat and impact resistant.
- Reflector - Anodized aluminum



TYPE FNR 240



TYPE FNR 140



TYPE FNR 240 G with Guard

Standard Finishes:

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

Options:

- For suitability for locations and locations having deposits of readily combustible paint residue add- suffix - **D**
- Guard (Stainless steel) add - suffix - **G**
- Reflector aluminium , add suffix - **A**
- Emergency power pack, add- suffix - **E**

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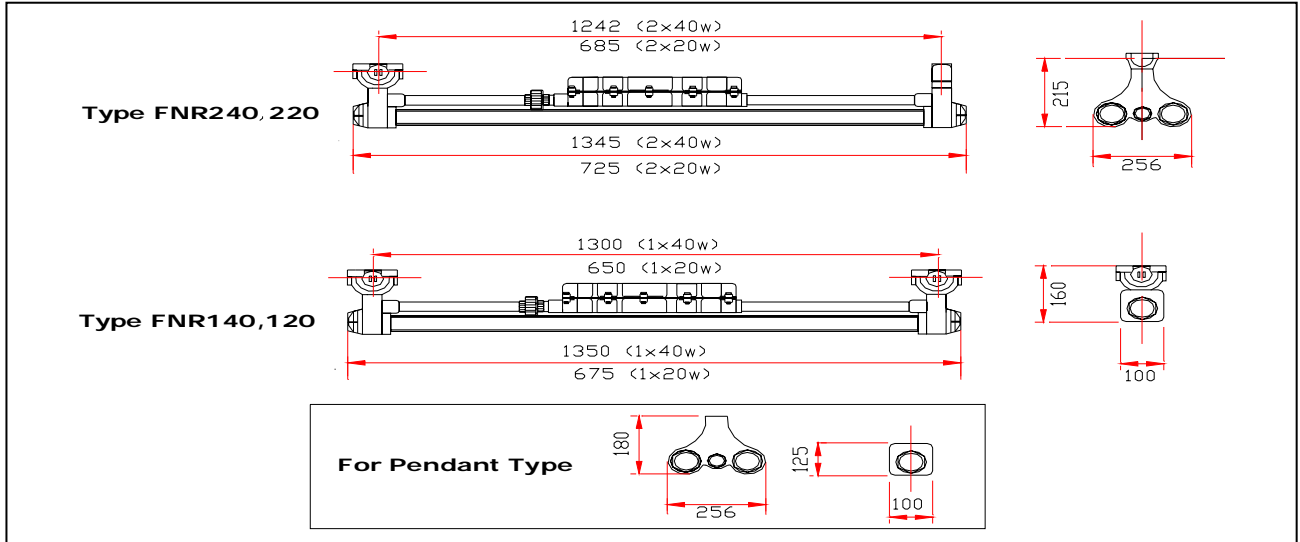
EXPLOSIONPROOF

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

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

A QUALITY PRODUCT

Dimension In MM.



Lamp Watts:	Catalogue Numbers:				Ceiling		Pendant	
	Ceiling Cat.,No.	Weight (kgs.)	Pendant Cat.,No.	Weight (kgs.)	With Guard Cat.,No.	Weight (kgs.)	With Guard Cat.,No.	Weight (kgs.)
1 x 18w.	FNR 120	3.80	FNR 120P	3.00	FNR 120 G	4.20	FNR 120GP	3.40
1x36w.	FNR 140	7.60	FNR 140P	6.80	FNR 140 G	8.40	FNR 140GP	7.60
2X18W.	FNR 220	5.80	FNR 220P	4.80	FNR 220 G	6.40	FNR 220GP	5.40
2X36W.	FNR 240	11.60	FNR 240P	10.60	FNR 240 G	12.80	FNR 240GP	11.80

Typical Installations

