



- Reference IS/IEC Standard as follows :
- 1 - FLAMEPROOF (Ex d) PROTECTION - IIB, IS/IEC 60079-1 (2014)
  - TEMPERATURE CLASS - T6
  - 2 - INGRESS (IP) PROTECTION - IP-66, IS/IEC 60529 (2001). (Reaffirmed 2014)

Standard Specification :

- 1 - MATERIAL - CAST ALUMINIUM ALLOY
- 2 - FINISH - INSIDE & OUTSIDE LIGHT GREY EPOXY POWDER COATING SHADE No. 631 AS PER IS-5
- 3 - EARTHING - 1 No. INSIDE & 2 Nos. OUTSIDE M6 SIZE S.S./BRASS SCREWS WITH 2 Nos. PLAIN WASHER
- 4 - HARDWARE - STAINLESS STEEL
- 5 - GASKET - 'O' RING ENDLESS NEOPRENE RUBBER GASKET
- 6 - MOUNTING ARRGT. - AS SHOWN IN DRG.

Material / Components Specification :

- 1 - S.S. NAME CUM WARNING PLATE (WITH DESCRIPTION TITLE, CIMFR, PESO, SR. NO., GAS GROUP, RATING, BIS MARKING, WARNING STATUS, etc...)
- 2 - GLASS - TUBULAR HEAT RESISTANCE CLEAR GLASS
- 3 - WIRE GUARD - M.S. WIRE GUARD (WHITE EPOXY PAINTED) WILL BE PROVIDED
- 4 - CABLE ENTRIES - 2 Nos. M20 / 1/2" NPT / 3/4" ET SIZE CABLE ENTRIES FROM SIDE (REFER DRAWING)
- 5 - TERMINALS - 15 Amp. 4 WAY OPEN STRIP TYPE TERMINALS

Light Fitting Standard Specification :

- a) WATTAGE : 20 WATTS
- b) VOLTAGE : 140V-270V AC
- c) POWER FACTOR : >0.95
- d) INPUT FREQUENCY : 50 Hz
- e) EFFICACY : >100 LUMEN PER WATT
- f) COLOUR (CCT) : 3000K/5100K/6500K/OR AS SPECIFIED
- g) CRI : >80 RA
- h) TOTAL HARMONIC DISTORTION : < 10% THD
- i) SURGE PROTECTION : 10 KV SPD
- j) SURFACE TEMPERATURE : MAX. 70°

Light Fitting OPTIONS :

- 1) MATERIAL CONSTRUCTION : STAINLESS STEEL
- 2) VOLTAGE : 220V DC/110V AC/110V DC/24V AC
- 3) CABLE GLAND & PLUG : BRASS/S.S./ALUMINIUM

DIMENSIONS DETAIL

DESCRIPTION	A	B	C	GLASS LENGTH	Model No.
1 x 18/20W LED (4 Feet)	1390mm	1155mm	1155mm	1195mm	FF/1272/1/20
2 x 18/20W LED (4 Feet)	1390mm	1155mm	1155mm	1195mm	FF/1272/2/20
1 x 40W LED (4 Feet)	1390mm	1155mm	1195mm	1195mm	FF/1272/1/40
2 x 40W LED (4 Feet)	1390mm	1155mm	1195mm	1195mm	FF/1272/2/40
1 x 10W LED (2 Feet)	770mm	530mm	640mm	580mm	FF/1272/1/10
2 x 10W LED (2 Feet)	770mm	530mm	640mm	580mm	FF/1272/2/10

NOTE :

- COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.
- OVERALL DIMENSIONS ARE ±10mm

REV.	DATE	DESCRIPTION	DRN.	CHKD.	APPD.	SCALE	N. T. S.	REV.-0
Δ								
Δ								
Δ								

  

CAT. No.	FF/1272
MODEL No.:	FF/272-20
DRN.	profill
CHKD.	JASNAK
APPD.	
SHEET	1 OF 1
SCALE	

  

<p><b>SUDHIR SWITCHGEARS PVT. LTD.</b> 130, MULBARI SAMAJHAR MARG, MULBARI - 400 023</p>	
TITLE :	FLP-WP ENCLOSURE FOR TUBE LIGHT FITTING SUITABLE FOR LED TUBE
CHKD. CERT. No.	IN/CIMFR/TR21/P/H176
Dt.	11/08/2021
PESO No. :	P546023/1
Dt.	26/09/2022
BIS LICENCE No. :	CM/L-0002914461