SUPERLUX LED TUBE

PROJECT DATA Assigned code : .....

Project : ..... Location : .....

Approved by : ..... Date : .....

MODEL: **TSP160S-18W**

Introduction

MESTAR's SUPPERLUX LED tube T8 are the new generation of energy saving tube lighting.These series integrates a LED light soure into a traditional fluorescent form factor.Its unique design creates a perfectly uniform visual appearance which cannot be distinguished from traditional fluorescent.For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

Various wattage optional with high lumen output with 3 LED chip options 160lm/W.There are 4 colors : white,blue,green,grey of lamp heads.PC cover with D-shape aluminum heat sink inside,double protection,100% safe installation process.Can use inside waterproof fixtures.

Features

- Only <50% energy consumption compared to fluorescent tubes.Retrofit to exsting T8 lamps on EM ballast installation.Full safety features and EM protector safety device.
- Ficker free.No mercury
- Extra-long life of 50,000 hours
- Full range of color : 27000K/3000K/3500K/4000K/5000K/5500K/6000K/6500K
- Installation: recessed, suspended and surface mounted.

Applications areas

- Packing lots/Covered car parks.
- Warehouses,coldrooms,signage.
- Transport and distribution areas,food & meseums.

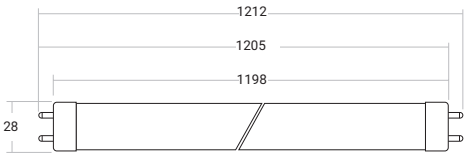
Warranty

- LED luminaires are warranted for 3 years.

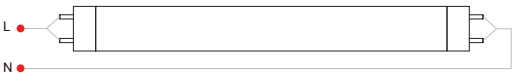
Approvals and markings

Dimension:

Light symbol



Dual-ended power supply diagram (Type A)



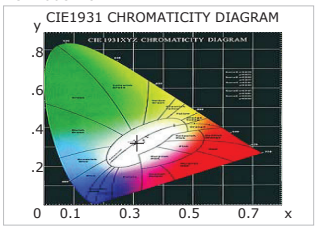
Single-ended power supply diagram (Type B) (Can provide starter)

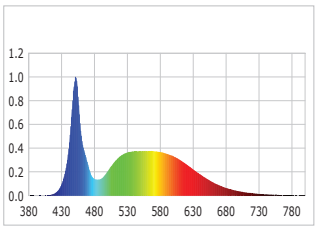
Technical information

• Material	: PC cover with D-shape aluminum heat sink
• Lamp	: LED SMD
• Lamp model	: TSP160S-18WC65B180V220M
• Power	: 18W
• Luminous flux	: 2880lm
• CCT/Ra	: 6000K/6500K/ Ra>80
• Efficacy	: 160lm/w
• Optic	: Milky
• Beam angle	: 180°
• Control method	: On/Off
• Product colors	: White
• Weight	: 0.38 kg
• Operating temperature	: -20°C to 40°C
• Input voltage	: AC220V-240V
• Power factor	: PF≥0.9
• Product life	: 50.000hrs

Photometric Data

TSP160S-18W





We reserve the right to make technical and design changes.

THIEN MINH MECHANICAL - ELECTRIC JSC
Head office: MESTAR Building, No. 98/11 Ung Van Khiem Street, Ward 25, Binh Thanh District, Ho Chi Minh City, Vietnam
Tel: (84) 28.3899 4790 - Email: mestar@mestar.vn - Web: www.mestar.vn

Ha Noi Office: TT4.18, Xuan Phuong Tasco Urban Area, Xuan Phuong Ward, Nam Tu Liem District, Hanoi City, Vietnam.
Tel: (84) 24.3222 2411