

# AMATRON INDUSTRIES LLC

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## SPECIFICATION

### T8 Tube Series



<b>Part Number</b>
AMUL-18W4F

Our LED tubes are made up with special different view angles mixing lighting design, T8 specs, inner high efficiency constant current driver, with less degradation and 50000hour lifespan replacing T8, T10 fluorescent lamp, brighter than fluorescent lamp, better than most similar product.

Features of the Products:

- No RF interference
- Electric wave resistant
- Energy saving up to 75%. high intensity
- Good light quality and good heat dissipation
- Special different view angles mixing lighting design
- New inner high efficiency (90%) constant current driver, with heat protection system, can work under unstable voltage
- Special circuit design, each LED work separately, avoiding the single broken LED influence problem

Applications:

- Hotels
  - 1 Hospitals
  - 1 Factories & Offices
- Commercial Complexes
  - 1 Conference / Meeting rooms
  - 1 Residential / Institution Buildings
  - 1 Schools, Colleges & Universities
  - 1 Places where need energy saving and high color rendering index lighting

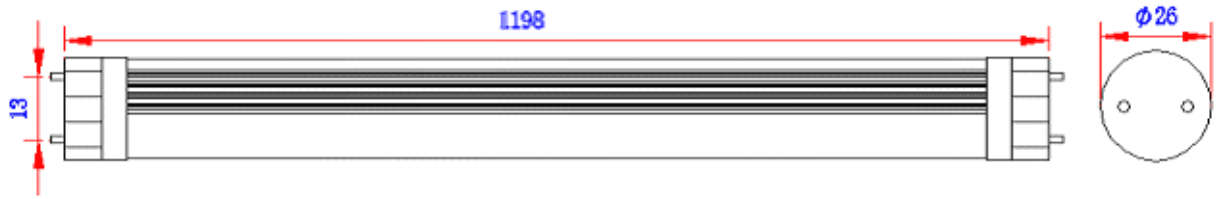
**Part Numbers:**

Part Number	Description	Unit
AMUL-18W4F	Day White, 1.2m, 100-277V, 120 degree, diffuse Cover	pcs

**Note: :**

DW	mean Day White	CCT: 4000K
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Dimensions: (Unit:mm)



Notes:

1. All dimensions unit in mm .
2. The tolerance is +/- 1mm unless otherwise noted

## Technical Specifications:

### Physical Specifications

Dimension	L1198*D26 mm
Weight	420 g
Housing	AL+PC
Socket Type	G13
Work Environment	Indoor use (applicable for dry environment)
Lifespan	50000H
Warranty	5years

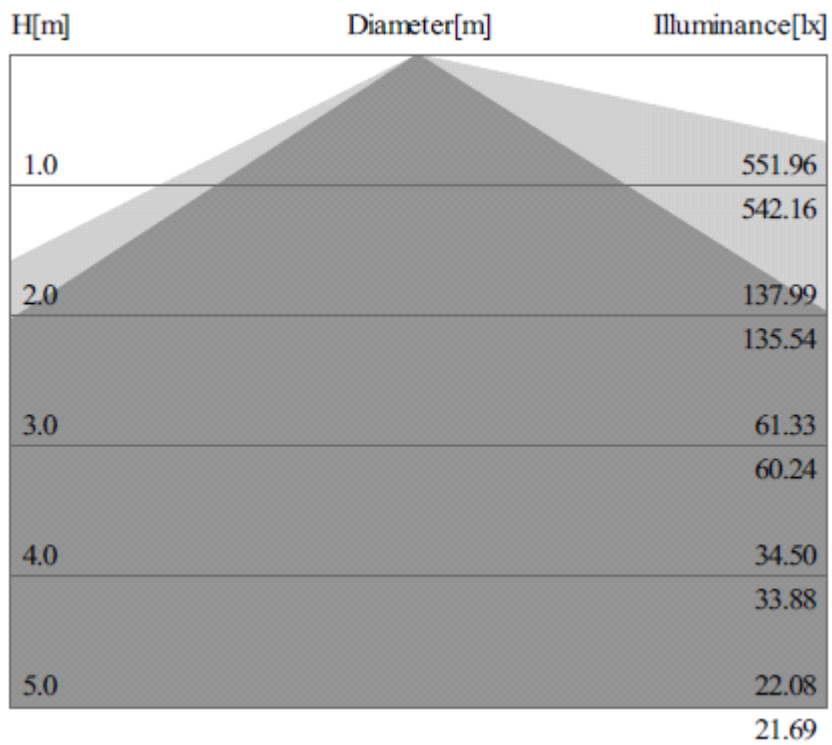
### Electrical Specifications

Part Number	AMUL-18W4F
Input Voltage	100-277V
Power Consumption	18±0.5W
Power Factor	>0.92
THD	<20%
Lighting Source	3014 SMD LED
Operation Temperature	-20~40°C (-4~104°F)

### Optical Specifications

Part Number	AMUL-18W4F
Lumens	>1800lm
Luminous Efficacy	>100lm/W
Color Temperature	4000 K
CRI	>83
Beam Angle	120°

### Flux diagram



※ illuminance measurement allowance is ± 7%

# Light Distribution

### Distribution Curve of Meridian

