

### Applications

Boats, Marine Industry, Supermarkets, Hotels, Meeting Rooms, Exhibition Halls, Showcases, Hall Ways, Decorations, Residential Applications, A new green energy-saving lighting source

### Features

#### Light Emitting Diodes:

- Super bright SMD Light-Emitting Diodes
- High efficiency, large view angle
- 40,000 hours for L70 life span

#### Electrical System:

- Ballast Compatible Internal Driver
- Operate with Direct Main Voltage without Ballast
- Input Voltage: 120V AC – 277 V AC

#### Construction:

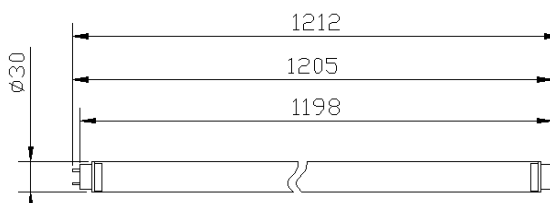
- High-quality aluminum heat sink tubes with clear or frost plastic cover

#### Optical system:

- Fully transparent or frost PC covers
- No Ultra Violet or Infrared Radiation

#### Regulation Rating:

- ETL/UL
- DLC



T8 tube Dimension Diagram (unit: mm)

### Basic Parameters

	Size	Weight	Working temp.	Storage temp.	Lifetime	Quantity
Unit	Mm	Gram	°F	°F	Hours	PCs per Box
Data	30*1200	360	-5 ~ 100	-50 ~ 180	50,000	25

### Notes:

- The LED tubes shall be installed by licensed electricians
- The LED tubes are to be used in indoor damp location only. Not suitable for wet location.
- Risk of fire or electric shock
- LED tubes are not dimmable

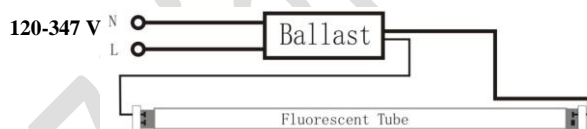
### Detail Parameters

Mechanical Specifications			Electrical Specifications		
Parameter			Parameter		
Diameter	30 mm		Input Voltage	120V AC – 277 VAC	
MOL	1200 mm		Power	18W	
Base Type	G13		Power Factor	0.9	
Shape	Compatible with T8/T10/T12		THD	Less Than 20%	
Major Material	Plastic Cover and Aluminum Heat Sink				
Optical Specifications			Thermal Specifications & Certification		
Parameter			Parameter		
Lux Reading@1m	330 Lux	340 Lux	350 Lux	Heat Sink	Aluminum Alloy
Color Temperature	3000 K	4000 K	5000 K	Warranty	5 years
Lumens Delivery	1650 Lm	1750 Lm	1875 Lm	Safety Rating	ETL/UL
Color Render Index	85	80	80	DLC	Yes
Beam Angle	120 °(Clear)		Tube Efficacy	110LM/W (With Ballast)	
	130 °(Frost)			125 LM/W (Without Ballast)	

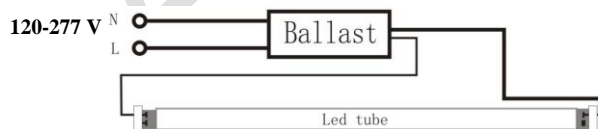
### Installation Guide

#### Plug-N-Play

1. Turn off power
2. Remove fluorescent tubes from light fixture



3. Put LED tubes into light fixture



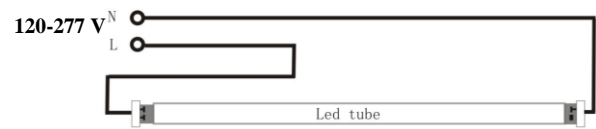
4. Turn on power

#### Retrofit

1. Turn off power
2. Remove fluorescent tubes and ballast



3. Put LED tubes into light fixture



4. Turn on power

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