

**NORTHERN LIGHTING T8-12W cUL, UL and DLC certified LED tube**



**Basic Data**

Model: T8-12W1200  
Power consumption:12 watts  
Led number: 120 pieces of SMD 2835 led  
Dimension(mm):Diameter:26mm Length:1198mm  
Weight:365 g  
Lifespan:50000+ hours  
PC cover: Clear/Striped/Frosted  
Power Supply Efficiency: more than 0.95  
Certificates: FCC, CE, RoHs, cUL, UL and Lighting Facts, NSF  
Can be dimmable and non dimmable  
Fa8 lamp base,G13 lamp cap base and rotated cap base available  
cUL and UL Listed

**Optical Parameters**

Luminous efficiency: 140lm/w  
Luminaire efficiency: 90%  
Color Temperature: 5000K  
Lumen output: 2500 lumens



### **Electronic Parameters**

Input Voltage: AC100-277V or AC100-382V

Frequency:50-60Hz

Power Supply Efficiency:90%

PFC:>0.99

Plug & Play Direct Replacement tubes

### **Other Parameters**

Operating Temperature(-20-50°C)

Stock Temperature:0-50°C

Main Material: Aluminium Base + Aluminium Housing

Life span:50000+ hours

Warranty: 5 years

### **Advantages**

- 1) Energy saving about 70%;
- 2) Long life span, more than 5 years;
- 3) No infrared rays, no ultraviolet radiation, no thermal effect;
- 4) Ultra slim and unlimited design and various dimensions are available;
- 5) Soft and wide light emitting;
- 6) Special circuit design, avoided the single broken LED influence problem;
- 7) High efficiency constant current drive system, with heat protection system, can work under unstable voltage;
- 8) Instant start, no flickering, no humming, no RF interference.

### **Main applications of led tubes**

- 1) Hotels
- 2) Hospitals
- 3) School/colleges/universities
- 4) Conference / meeting rooms
- 5) Residential/institution buildings
- 6) Factories/offices
- 7) Garages/parkades