

## T5 LED Tube- Ballast Compatible

### Product Description Suggested Retail \$19.99

Specification T5L-IDDM14-3500-4ft-XXX (DLC4.0)

ANSI C78.81 A / 1149.0 mm

B 1153.7 1156.1 mm

C / 1163.2 mm

D 15.5 16.0 mm

Cap G5

2 Compatibility

Compatible with mainstream market F54T5/HO ballast

3 Testing condition and method

Temperature:25°C±5°C, Humidity: ≤65%, No air flow Test for ballast PHILIPS ICN-2S54-90C-N

4 Electrical Characteristics

Parameter Symbol Referenced Standard Rated Tolerance Unit

Input Voltage U DLC4.0 120-277 V

Line frequency f 50/60 Hz



## T8 Ballast Compatible or AC Direct LED Tube Type

### Product Description Suggested Retail 2Ft. \$13.99 4 Ft. \$15.99 8 Ft. \$49.99

**2 Ft. and 8 Ft. Tubes are AC Direct only. 4 Ft, Tubes are Hybrid (Compatible or AC Direct)**

Specification T8L-IDDM11-1450-3ft-XXX-xReferenced standard Dimension Min Max Unit

ANSI C78.81 A / 894.6 mm

B 899.3 901.7 mm

C / 908.8 mm

D 25.0 26.0 mm

Cap G13

2 Compatibility

Compatible with mainstream market instant start, program start and rapid start T8 electronic ballast;  
Compatible with emergency ballast.

Temperature:25°C±5°C, Humidity:≤65%, No air flow Driven by ballast Sylvania QTP 2×32T8/UNV  
ISN-SC with 2-lamp.

#### 4 Electrical Characteristics

Parameter Symbol Referenced standard Rated Tolerance Unit

Input Voltage (Ballast) U / 120-277 / V

Line frequency Ballast) f 50/60 / Hz

Power Factor PF 0.90 -3% /

Total Harmonic Distortion THD 20% + 5% /

Ignition Time  $t \leq 1.0$  s

Lamp Voltage  $V_{lamp}$  / / V

Rated Power per lamp P  $10.5 \pm 10\%$  W

Target replacement lamps F21T8 (3ft), F25T8 (3ft)

#### 5 Photometrical Characteristics

Parameter Symbol Referenced Standard Rated Tolerance Unit

Flux-3000K/3500K  $\Phi$  / 1400 -10% lm

Flux-4000K/4500K/5000K/6500K 1450

Efficacy-3000K/3500K  $\eta$  130 -10% lm/W

Efficacy-4000K/4500K/5000K/6500K 135

#### 6 Color Characteristics

Parameter Color) Symbol Referenced Standard Rated Tolerance Unit

CCT-3000K CCT ANSI C78.377 X=0.4338 Y=0.4030

CCT-3500K X=0.4073 Y=0.3917

CCT-4000K X=0.3818 Y=0.3797

CCT-5000K X=0.3447 Y=0.3553

CCT-6500K X=0.3123 Y=0.3282

CRI Ra 82 -2 /

Color tolerance /  $\leq 5$  SDCM

#### 7 Lumen maintenance & Life

Parameter Symbol Referenced standard Rated Unit 6000hrs Lumen Maintenance / / 95.8% /

Life t 50,000 Hrs.

#### 8 Operation Temperature & Storage Temperature

Parameter Symbol Referenced standard Min Max Unit Operation Temperature Top / -20 45 °C

Storage Temperature  $T_{st}$  -40 85 °C

#### 9 EMC Requirement

Comply with FCC 47 PART 15 CLASS B, ballast-dependent.

#### 10 Safety Requirement

Comply with UL1993/UL8750 .

**Packed 25 per case**