

Project: \_\_\_\_\_ Type: \_\_\_\_\_

Drawn by: \_\_\_\_\_ Catalogue #: \_\_\_\_\_ Date: \_\_\_\_\_

## Individual Spec Sheet

# T8 - TYPE A + B

## 5 CCT SELECTABLE

### LED Linear Tubes

### ORDERING INFORMATION

**Order Code:** 70583  
**Model Number:** T8/14W/80/5CCT/48/AB/120-347/STD/SMX  
**UPC:** 069549035706  
**Case Quantity:** 25  
**DLC Unique ID:** S-8MBX89

### PHYSICAL DATA

**Shape:** T8  
**Base:** G13  
**Material:** Housing: Glass, Lens: Glass (frosted), PET coating

### PERFORMANCE DATA

**Installation Method:** Ballast Compatible (Type A) + Ballast Bypass (Type B)  
**Watts (W):** 14  
**Volts (VAC):** 120-347  
**Color Temperature (K)<sup>1</sup>:** 3 000/3 500/4 000/5 000/6 500  
**Lumen Output (lm)<sup>2</sup>:** 1 900  
**Efficiency (lm/W):** 136  
**CRI:** >80  
**Life L70 (h)<sup>3</sup>:** 50 000  
**Beam Angle:** 200°  
**Dimming:** Depends on the ballast (Type A)  
**Power Factor:** 0.90  
**Frequency (Hz):** 50/60  
**Operating Temp. Range:** -20°C/-4°F to 45°C/113°F  
**Application (indoor/outdoor):** Indoor

<sup>1</sup> Typical color temperature range: +/- 5 %.

<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

<sup>3</sup> Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

### LUMEN SPECIFICATION TABLE For Ballast Compatible (Type A)

Average System Watts (W)			Initial Lumens (lm)		
LBF	NBF	HBF	LBF	NBF	HBF
12	15.4	18.3	1 682	2 097	2 367

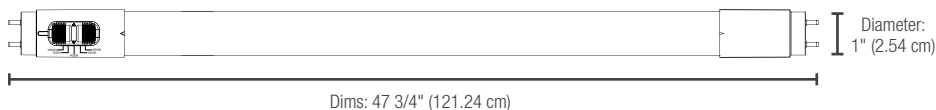
#### DEFAULT PROGRAMMING

3 000 K

#### Additional Information:

Direct replacement for 32 watts 48 T8 lamps only.  
 Suitable for enclosed fixtures up to 25 °C (77 °F).

### DIMENSIONS



This lighting equipment meets requirements of ICES-005 issue 5 class A for use in commercial applications under Type A installations and class B for use in residential applications under Type B installations. Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.



Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/search](http://www.designlights.org/search).