SATCO | NUVO

# LED T5 LAMPS

## DUAL MODE | TYPE A+B





**DUAL MODE: TYPE A+B**

**RANGE VOLTAGE 120V-277V**

**OFFERED IN 2′, 3′, AND 4′ LENGTHS**

**SUGGESTED APPLICATIONS**

Offices
Retail
Warehouses
Task Lighting

Upgrade linear lighting with SATCO's versatile LED T5 lamps designed as a direct replacement for traditional T5 lamps. Featuring dual-mode Type A+B operation, these lamps offer maximum flexibility—easily install them as ballast-compatible replacements or convert to ballast-bypass for long-term efficiency and simplified maintenance. Durable glass tubes with PET shatter-resistant coating provide added safety without compromising light quality. Ideal for offices, retail environments, warehouses, and task lighting, LED T5 lamps deliver reliable performance, energy savings, and peace of mind in both new and retrofit installations.

DIMMABLE | TYPE A+B | DAMP LOCATION | ENCLOSED FIXTURE | 50,000 HOURS | 5 YEAR WARRANTY | TRUSTED NLB WARRANTY | NSF | RoHS COMPLIANT

SATCO | NUVO

# LED 5 LAMPS
DUAL MODE | TYPE A+B

## GENERAL SPECIFICATIONS

**Range Voltage:** 120V–277V
**Frequency:** 50/60Hz
**Power Factor:** >0.9
**THD:** <20%
**Dimming:** Phase-Cut Dimmable Down to 10% (@120V Only)
**Dual Mode:** Type A+B
**Efficacy:** Up to 138 LPW
**CRI:** 80+

**Beam Angle:** 180°
**Location Rating:** Damp
**Ambient Operating Temperature:** -20°C (-4°F) to +45°C (+113°F)
**Rated for Enclosed Fixtures:** Yes
**Wiring:** Single Ended; Double Ended
**Base:** G5 Miniature Bi-Pin
**Construction:** PET Coated Frosted Glass
**Functional Life:** 50,000 Hours
**Warranty:** 5 Years

## ITEM SPECIFICATIONS / ORDER INFO

| Item | Order Code | Length | Lumens | Wattage | Fluorescent Replacement | Input Current@ 120V/277V | CCT | Case Quantity |
|---|---|---|---|---|---|---|---|---|
| S19949 | 7T5L24/835/G5/O/AB/CF/DU/D | 2′ | 900 | 7W | 14W | 0.060-0.020A | 3500K | 25 |
| S19950 | 7T5L24/840/G5/O/AB/CF/DU/D | 2′ | 900 | 7W | 14W | 0.060-0.020A | 4000K | 25 |
| S19951 | 7T5L24/850/G5/O/AB/CF/DU/D | 2′ | 900 | 7W | 14W | 0.060-0.020A | 5000K | 25 |
| S19952 | 12T5L24/835/G5/O/AB/CF/DU/D | 2′ | 1620 | 12W | 24W | 0.110-0.050A | 3500K | 25 |
| S19953 | 12T5L24/840/G5/O/AB/CF/DU/D | 2′ | 1620 | 12W | 24W | 0.110-0.050A | 4000K | 25 |
| S19954 | 12T5L24/850/G5/O/AB/CF/DU/D | 2′ | 1620 | 12W | 24W | 0.110-0.050A | 5000K | 25 |
| S19955 | 12T5L36/835/G5/O/AB/CF/DU/D | 3′ | 1620 | 12W | 21W | 0.110-0.050A | 3500K | 25 |
| S19956 | 12T5L36/840/G5/O/AB/CF/DU/D | 3′ | 1620 | 12W | 21W | 0.110-0.050A | 4000K | 25 |
| S19957 | 12T5L36/850/G5/O/AB/CF/DU/D | 3′ | 1620 | 12W | 21W | 0.110-0.050A | 5000K | 25 |
| S19958 | 18T5L36/835/G5/O/AB/CF/DU/D | 3′ | 2500 | 18W | 39W | 0.170-0.070A | 3500K | 25 |
| S19959 | 18T5L36/840/G5/O/AB/CF/DU/D | 3′ | 2500 | 18W | 39W | 0.170-0.070A | 4000K | 25 |
| S19960 | 18T5L36/850/G5/O/AB/CF/DU/D | 3′ | 2500 | 18W | 39W | 0.170-0.070A | 5000K | 25 |
| S19961 | 15T5L48/835/G5/O/AB/CF/DU/D | 4′ | 1900 | 15W | 28W | 0.140-0.060A | 3500K | 25 |
| S19962 | 15T5L48/840/G5/O/AB/CF/DU/D | 4′ | 1900 | 15W | 28W | 0.140-0.060A | 4000K | 25 |
| S19963 | 15T5L48/850/G5/O/AB/CF/DU/D | 4′ | 1900 | 15W | 28W | 0.140-0.060A | 5000K | 25 |
| S19964 | 24T5L48/835/G5/O/AB/CF/DU/D | 4′ | 3200 | 24W | 54W | 0.220-0.100A | 3500K | 25 |
| S19965 | 24T5L48/840/G5/O/AB/CF/DU/D | 4′ | 3200 | 24W | 54W | 0.220-0.100A | 4000K | 25 |
| S19966 | 24T5L48/850/G5/O/AB/CF/DU/D | 4′ | 3200 | 24W | 54W | 0.220-0.100A | 5000K | 25 |

## NOMENCLATURE

X T5 L XX/8 XX/G5/O/AB/CF/DU/D
1 2 3 4 5 6 7 8 9 10 11 12 13 14

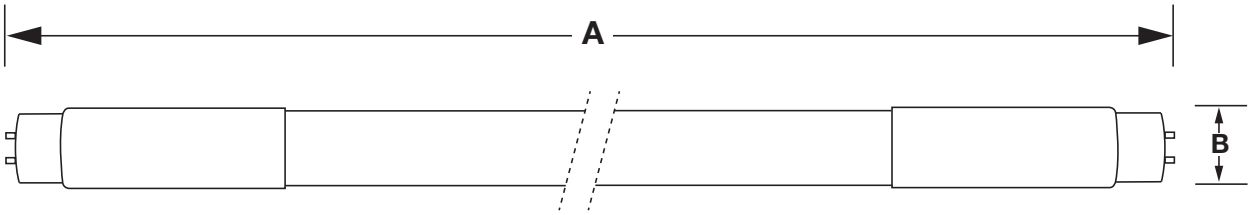
1- Wattage
2-Lamp Type
3-LED
4-Length
5-CRI (80)
6-Kelvin
7-Base
8- Omnidirectional
9-UL Type A+B (Ballast Bypass)
10-Coated
11-Frosted
12-Dimmable
13-Universal Voltage (120V-277V)
14-Damp Location Rated

May not be compatible with all dimmers. See satco.com for details
See satco.com for a list of compatible ballasts.
Bypass Type B operation requires non-shunted lamp holders
Specifications are subject to change without prior notice.
Replacement wattage shown depends on application and fixture.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Meets requirements of ICES-005 issue 5 class A for use in commercial applications.
WARNING: This product can expose you to chemicals including Lead which is known to the State of California to cause cancer, or birth defects, or other reproductive harm. For more information, go to http://www.P65Warnings.ca.gov.
WARNING: Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to your product packaging for more information.
Visit satco.com/service/warranty for complete warranty details.

**SATCO.COM | 800-437-2826**
© Satco Products, Inc. All rights reserved. 4/26 SN1937

## DIMENSIONS / WEIGHTS

| Item | M.O.L. (A) | M.O.D. (B) | Weight |
|---|---|---|---|
| S11949 | 22.13″ | 0.62″ | 0.18 Lbs |
| S11950 | 22.13″ | 0.62″ | 0.18 Lbs |
| S11951 | 22.13″ | 0.62″ | 0.18 Lbs |
| S11952 | 22.13″ | 0.62″ | 0.20 Lbs |
| S11953 | 22.13″ | 0.62″ | 0.20 Lbs |
| S11954 | 22.13″ | 0.62″ | 0.20 Lbs |
| S11955 | 33.94″ | 0.62″ | 0.22 Lbs |
| S11956 | 33.94″ | 0.62″ | 0.22 Lbs |
| S11957 | 33.94″ | 0.62″ | 0.22 Lbs |
| S11958 | 33.94″ | 0.62″ | 0.24 Lbs |
| S11959 | 33.94″ | 0.62″ | 0.24 Lbs |
| S11960 | 33.94″ | 0.62″ | 0.24 Lbs |
| S11961 | 45.75″ | 0.62″ | 0.30 Lbs |
| S11962 | 45.75″ | 0.62″ | 0.30 Lbs |
| S11963 | 45.75″ | 0.62″ | 0.30 Lbs |
| S11964 | 45.75″ | 0.62″ | 0.32 Lbs |
| S11965 | 45.75″ | 0.62″ | 0.32 Lbs |
| S11966 | 45.75″ | 0.62″ | 0.32 Lbs |





© Satco Products, Inc. All rights reserved. 4/26 SN1937