SATCO

LED T5 LAMPS

BALLAST BYPASS | CCT SELECTABLE





BALLAST BYPASS: TYPE B

RANGE VOLTAGE 120V-277V

DIMMABLE AT 120V

OFFERED IN 2′, 3′, AND 4′ LENGTHS

REPLACEMENTS FOR HE AND HO T5 LAMPS

SUGGESTED APPLICATIONS

Offices
Retail
Warehouses
Task Lighting

ColorQuick®
Selectable Color Technology

Deliver efficient, long-lasting performance with LED T5 lamps designed for ballast bypass (Type B) installations. Ideal for direct-wire applications, these lamps eliminate the need for a ballast, reducing maintenance and improving system reliability over time. Constructed with glass tubes featuring a PET shatter-resistant coating, they provide added safety without sacrificing light quality. Available in 2-foot, 3-foot, and 4-foot lengths, LED T5 lamps are a smart solution for offices, retail spaces, warehouses, and task lighting, offering dependable illumination and energy savings across a wide range of environments.

DIMMABLE | TYPE B | DAMP LOCATION | NSF | 50,000 HOURS | 5 YEAR WARRANTY | TRUSTED NB WARRANTY

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GENERAL SPECIFICATIONS

Range Voltage: 120V-277V
Frequency: 50/60Hz
Power Factor: >0.9
THD: <20%
Dimming At 120V Only: Reverse Phase Dimmable Down to 10%
Ballast Bypass: Type B
Efficacy: Up to 138 LPW
CRI: 80+

Beam Angle: 180°
CCT Selectable: 3500K/4000K/5000K/6500K
Location Rating: Damp
Ambient Operating Temperature: -4F to +113F (-20C to +45C)
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	Lamp Wattage (Type A, Type AB)	Fluorescent Replacement Wattage	Input Current (Type B) @ 120V/277V	Case Quantity
S11650R1	7T5L24/8CCT4/G5/O/B/CF/DU/D	2'	900	7W	14W	0.060-0.020A	25
S11653R1	12T5L24/8CCT4/G5/O/B/CF/DU/D	2'	1620	12W	24W	0.110-0.050A	25
S11651R1	12T5L36/8CCT4/G5/O/B/CF/DU/D	3'	1500	12W	21W	0.140-0.060A	25
S11654R1	18T5L36/8CCT4/G5/O/B/CF/DU/D	3'	2500	18W	39W	0.110-0.050A	25
S11652R1	15T5L48/8CCT4/G5/O/B/CF/DU/D	4'	2050	15W	28W	0.170-0.070A	25
S11655R1	24T5L48/8CCT4/G5/O/B/CF/DU/D	4'	3200	24W	54W	0.220-0.100A	25

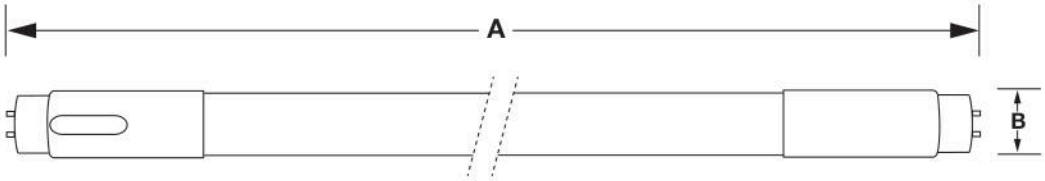
NOMENCLATURE

X T5 L XX/8 CCT4/G5/O/B/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 (4 CCT Selectable)
7-Base
8-Orientation
9-UL Type B (Ballast Bypass)
10-Coated
11-Frosted
12-Dimmable
13-High Voltage (120V-277V)
14-Damp Location Rated

DIMENSIONS / WEIGHTS

Item	M.O.L. (A)	M.O.D. (B)	Weight
S11650R1	22.13"	0.62"	0.16 Lbs
S11653R1	22.13"	0.62"	0.18 Lbs
S11651R1	33.94"	0.62"	0.26 Lbs
S11654R1	33.94"	0.62"	0.28 Lbs
S11652R1	45.75"	0.62"	0.31 Lbs
S11655R1	45.75"	0.62"	0.34 Lbs



May not be compatible with all dimmers. See satco.com for details
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.

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