



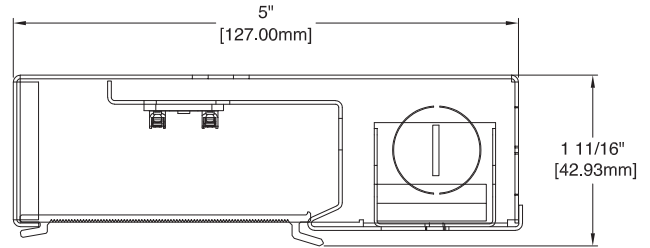
TSSL Series | TSSL-D Under Cabinet

Date	Notes
Project	
Type Qty	

Features

- Surface mount task lighting under cabinets and shelves.
- LED optimized optics for smooth illumination end-to-end.
- Occupancy sensor, rocker switch and convenience outlet options available.
- Programmable driver for custom lumen packages.
- 0-10V dimming to 1% standard. Dim-to-off available.
- DMX, Lutron and DALI protocols also available.
- Sensor Ready for wireless Smart Lighting Solutions.
- 80/90CRI, Tunable White, RGBW & RGBWW.
- Bios SkyBlue™ circadian solutions available.

Declare Red List Approved.



Ordering Guide



MODEL	OPTICS	CCT ¹	LUMENS ²	LENGTH	MOUNTING ³	FINISH	OPTIONS
TSSL-D	FA				S		
TSSL-D Under Cabinet Direct	FA = Frosted Acrylic	<p>STATIC WHITE 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K</p> <p>BIOS SkyBlue Spectrally optimized circadian solutions.</p> <p>TUNABLE WHITE (2700K-6500K) 2DIM10 = for 0-10V 2DMX = for DMX 2ESN = for Philips 2CAS = for Casambi 2LUT = for Lutron</p> <p>DIM-TO-WARM (2700K-6500K) DTW = Dim-to-Warm</p> <p>RGB + WHITE RGB = RGB RGBW = RGBW RGBWW = RGBWW</p>	<p>LO = 660/ft (5W/ft, 135LPW) SO = 890/ft (7W/ft, 132LPW) HO = 1120/ft (9W/ft, 128LPW)</p> <p>CUSTOM For custom lumens specify value < HO</p>	<p>1 = 12 in 2 = 2 ft 3 = 3 ft 4 = 4 ft</p> <p>For other enter row length (e.g. 48 = 48 ft)</p>	S = Surface	<p>W = White CC = Custom Color AMW = Anti-Microbial White</p>	<p>DIMMING DRIVERS DIM10 = 0-10V (1%) - Standard DTO = 0-10V (Dim-to-Off) DIMST = 0-10V Step Dimming 347 = 0-10V (347V) DIMSR = DALI Sensor Ready (5.0%) DALI = DALI (5.0%) DMX = DMX</p> <p>LUTRON™ DIMMING DRIVERS LDE1 = Hi-Lume 1% EcoSystem LD2 = Digital 1% (DALI-2) L3DA3W = Hi-Lume 1% 3-Wire</p> <p>SENSORS & CONTROLS⁴ AVO = Avi-On Sensor AWNS = Lutron Athena Sensor ESN = EasySense Sensor CAS = Casambi Wireless Control</p> <p>EMERGENCY BATTERY⁵ EMC = Emergency Circuit GTD = Generator Transfer Device EPC4 = 4W Integral Battery EPC6 = 6.5W Integral Battery EPC10 = 10W Integral Battery EPC12 = 12W Integral Battery</p> <p>WIRING & OTHER FWH = Flexible Wiring Harness DWH = DMX Wiring Harness RS = Rocker Switch (120V only) PO = Pull Switch (120V only) CO = Convenience Outlet (120V only)</p>

¹All LED, BIOS, Tunable White, DTW, and RGB/W options and Ordering Codes page 2.

²Lumens at 80CRI, 3500K, FA lens. Photometry page 3.

³See page 2 for mounting option details.

⁴All Sensor & Control options page 2. Not all options available in smaller fixtures. Consult factory.

⁵EPC6 is standard unless otherwise specified. EPC not for DMX drivers.

BAA letter of compliance available at www.dayolite.com.

LED, BIOS, Sensor & Control Ordering Codes

LED

Static White

30 = 3000K 80 CRI
 35 = 3500K 80 CRI
 40 = 4000K 80 CRI
 50 = 5000K 80 CRI

927 = 2700K 90 CRI
 930 = 3000K 90 CRI
 935 = 3500K 90 CRI
 940 = 4000K 90 CRI

Tunable White¹
 (2700K-6500K)

2DIM10 = 0-10V 80 CRI
 2DMX = DMX 80 CRI
 2CAS = Casambi Wireless 80 CRI
 2ESN = Philips EasySense 80 CRI
 2LUT = Lutron (LD2) 80 CRI

92DIM10 = 0-10V 90 CRI
 92DMX = DMX 90 CRI
 92CAS = Casambi Wireless 90 CRI
 92ESN = Philips EasySense 90 CRI
 92LUT = Lutron (LD2) 90 CRI

Dim-to-Warm²

DTW = 6500K-2700K 80 CRI
 9DTW = 6500K-2700K 90 CRI

RGB/W³

RGB = RGB only
 RGB27 = RGB w/2700K
 RGB30 = RGB w/3000K
 RGB35 = RGB W/3500K
 RGB40 = RGB w/4000K
 RGB50 = RGB w/5000K
 RGBWW = RGB w/2700K-6500K

Single Color⁴

RED = Red
 BLU = Blue
 GRN = Green
 AMB = Amber

BIOS SkyBlue

BIOS SkyBlue biological technology brings the benefits of blue skies inside. BIOS SkyBlue is the only spectrally optimized circadian solution to target the region that drives wellness benefits including increased alertness, enhanced productivity, better mood, and better sleep. More information may be found at www.bioslighting.com or by contacting Day-O-Lite directly. All options for 0-10V control.

BIOS Biological Static

For daytime applications. BIOS Static Biological LED features key BIOS SkyBlue (490nm) for maximum daytime circadian impact.

B30 = 3000K
 B35 = 3500K
 B40 = 4000K

BIOS Biological Dynamic White

Designed to transition from daytime to evening in a dim-to-warm protocol. The daytime CCT includes full BIOS SkyBlue (490nm) for maximum daytime circadian impact, while the evening spectrum removes BIOS SkyBlue for minimal circadian stimulus after hours.

B30D = 3000K-2700K
 B35D = 3500K-3000K
 B40D = 4000K-3500K

BIOS Biological Tunable White

Designed to transition from daytime to evening in a tunable white protocol. The daytime CCT includes full BIOS SkyBlue (490nm) for maximum daytime circadian impact, while the evening spectrum removes BIOS SkyBlue for minimal circadian stimulus after hours.

B30T = 3000K-2700K
 B35T = 3500K-2700K
 B40T = 4000K-2700K

Sensors & Controls

Sensors*

Remote only (by others)

Wireless Control*

CAS = Casambi

Other Options

Additional sensor and wireless control options available. Contact factory for details.

*Remote sensors and control options to be commissioned in the field by qualified controls personnel with applicable apps (by others).

If remote sensor is used, please consult factory for compatibility with driver.

¹Tunable white may be controlled by a number of dimming protocols as shown.

²Dim-to-Warm mimics incandescent dimming by warming the CCT from 6500K to 2700K as light levels are dimmed.

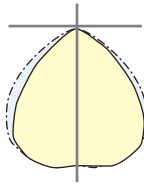
³All RGB, RGBW and RGBWW options for DMX control (by others). 80 CRI standard.

Individual Fixtures

Photometry

NOMINAL LENGTH	ACTUAL LENGTH
1'	12"
2'	22 1/4"
3'	33 3/8"
4'	44 1/2"

Individual fixtures are fully illuminated from end-to-end. Additional options including occupancy sensor, rocker switch and convenience outlet.



TSSL-D-FA-40-**LO**-4
 4000K CCT
 WATTS: 20
 LUMENS: 2691
 LPW = 135

TSSL-D-FA-40-**SO**-4
 4000K CCT
 WATTS: 27
 LUMENS: 3588
 LPW = 132

TSSL-D-FA-40-**HO**-4
 4000K CCT
 WATTS: 35
 LUMENS: 4485
 LPW = 128

4000K @ 80CRI, 4'.

Use the following multipliers for other CCTs: 2700K x 0.94, 3000K x 0.96, 3500K x 0.98, 5000K x 1.03. IES files @ www.dayolite.com

Specifications

CONSTRUCTION: Die-formed, 20-gauge, cold rolled steel housing.

REFLECTOR: Highly reflective die-formed steel finished in baked white enamel.

OPTICS: Frosted acrylic is standard.

LED: Static white LED modules in 27/30/35/40 & 50K CCT, 80/90CRI. Lumen maintenance minimum L_{70} = 50,000 hours. 3 SDCM color consistency. BIOS SkyBlue, RGB, RGBW, RGBWW. Tunable White and Dim-to-Warm options available.

DRIVER: Standard driver is Class 2 AOC 0-10V to 1%, 120/277V input, PF > 90%, THD < 20 @ 120V. Additional dimming protocols available. All drivers prewired from factory for connection to control system (by others), field replaceable.

MOUNTING: All housings are supplied with 7/8" knockouts and key slot mounting holes.

FINISH: Fixture housing and steel components are finished in baked white enamel applied over a five-stage pretreatment process.

CERTIFICATION: cETLus listed conforming to UL STD. 1598 and certified to CSA STD C22.2 NO. 250.0. Suitable for dry & damp locations. Union Made in the United States of America, I.B.E.W, BAA compliant, Declare Red List Approved.

LEGAL: Day-O-Lite, a division of SCW Corporation. All rights reserved. The Day-O-Lite logo is a registered trademark of SCW Corporation. Day-O-Lite reserves the right to change specifications without notice for product improvement.