

# Tunable-White Puck Light

Tunable-white puck light with barrel connector/direct wiring option



**12V**

**190 Lumens/Fixture**

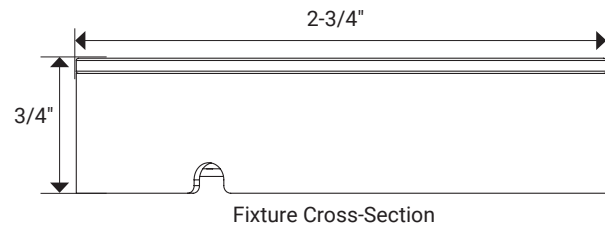
Kelvin Temperature	Lumens Per Fixture	Watts Per Fixture	Part Number
Tunable-white 2700K–5000K	190	2.4	L-TWSP-FR-Color

Blue indicates dealer choice; Finish indicates Finish Color. Temp indicates Kelvin Temperature.  
L-TWSP-FR-WT (Example part number for Tunable-White Puck Light with White finish)

**Front View**



**Back View**



## About the Products

- Patented two-wire tunable-white lighting with TandemLED technology
- Tunable CCT from Warm White 2700K to Daylight White 5000K and all shades of white in between
- Tune the white light and adjust the brightness separately with required wired or wireless controller (order separately)
- Recess or surface mount
- Fully assembled fixture with two lenses included to change beam angle: diamond (88°) and frosted (120°)
- For a recess mount option, a 2-1/2" hole saw is recommended
- Included 3 foot lead with barrel connector can be removed for direct wiring or daisy-chaining
- 12-volt DC plug-in or waterproof hardwired power supply required (order separately)
- Exceptional color rendering of 90+ CRI (Color Rendering Index)
- Dimmable (with compatible dimmer)
- No Ultraviolet (UV) or Infrared (IR)

## Applications

- Interior cabinet
- Display/accent
- Closets
- Niche

## Tunable-White Kelvin Temperatures



## Technical Information

<b>Input Voltage</b>	12-volt DC
<b>Color Temperature (Kelvin)</b>	Tunable CCT from 2700K–5000K and all white light temperatures in between
<b>CRI (Color Rendering Index)</b>	90+
<b>LED Type</b>	SMD 3014
<b>Lumens</b>	190 lumens per fixture
<b>Max Run</b>	Recommended maximum run length is 16 ft. (5 m) for single-side powering. For longer runs, power from both ends of the fixture.
<b>Dimmable</b>	5%–100%
<b>Rated Life</b>	50,000 hrs
<b>LED Beam Angle</b>	88°, 120°
<b>Diodes per Fixture</b>	21
<b>Mounting</b>	Surface: Screws (included) Recessed: 2-1/2" hole saw recommended
<b>Wiring</b>	20/2 stranded or solid
<b>Operating Temperature</b>	-13°F to 104°F (-25°C to 45)
<b>Environment</b>	Dry locations
<b>Construction Material</b>	Aluminum, polycarbonate (lens)

## Housing Finish Options



## Lumen Output



### Compatible Power Supplies

Description	Dimensions	Part Number
24-watt, 24-volt, AC/DC 2 prong plug-in, 1-amp. Class 2 rated.	2-15/16" x 1-3/16" x 1-13/16"	T-24V-24W-PI
60-watt, 24-volt, AC/DC 2 prong plug-in, 2.5-amp. Class 2 rated.	3-11/16" x 1-7/8" x 1-5/16"	T-24V-60W-PI
96-watt, 24-volt, AC/DC 2 prong plug-in, 4-amp.	5" x 2-1/4" x 1-1/4"	T-24V-96W-PI
120-watt, 24-volt, AC/DC 2 prong plug-in, 5-amp.	3-3/4" x 2" x 1-5/16"	T-24V-120W-PI
WAV Smart Receiver/96-watt plug-in power supply. Class 2 rated	9-5/8" x 2-1/2" x 1-1/2"	T-TWAV24V96WPSR
60-watt, 24-volt IP67 rated waterproof LED hardwired. Class 2 rated.	6-3/8" x 1-5/8" x 1-1/4"	T-24-60W-WP-HW
100-watt, 24-volt IP67 rated waterproof LED hardwired. Class 2 rated.	7-3/8" x 2-3/8" x 1-1/2"	T-24-100W-WP-HW
150-watt, 24-volt IP67 rated waterproof LED hardwired.	7-1/2" x 2-1/2" x 1-1/2"	T-24-150W-WP-HW
350-watt, 24-volt, indoor industrial harwired.	8-1/2" x 4-1/2" x 1-1/4"	T-350W-24V-HW

### Compatible Dimming Systems/Switches

Sensors and switches must be wired before the wired controller or receiver to function properly.

Description	Dimensions	Part Number
Tunable-White One Zone LED controller. On/off/dim and tune white light. Use with LED Receiver.	2-5/8" x 1-5/16" x 3/8"	T-T-1Z-WC-RF-Color
One Zone LED controller. On/off/dim. Use with LED Receiver.	2-5/8" x 1-5/16" x 3/8"	T-Q-1Z-WC-RF-Color
Two Zone LED controller. On/off/dim. Use with LED Receiver.	2-5/8" x 1-5/16" x 3/8"	T-Q-2Z-WC-RF-Color
Four Zone LED controller. On/off/dim. Use with LED Receiver.	2-5/8" x 1-5/16" x 3/8"	T-Q-4Z-WC-RF-Color
WAV 120-watt smart LED Receiver. Use with a Wireless Controller.	4-1/4" x 2-1/4" x 3/8"	T-TWAV-WR-120
Tunable-White Wired Controller, on/off/dim and tune white light.	3-9/16" x 1-9/16" x 7/8"	T-TIL-96
Infrared (IR) door sensor switch.	3/8" x 1" x 1-1/4"	T-DSS-30W-IR
Infrared (IR) door sensor switch <b>with two heads.</b>	3/8" x 1" x 1-1/4"	T-2HDSS-30W-IR
Doppler motion sensor switch	3-7/8" x 1-13/16" x 13/16"	T-MSS-D-TS
Motion sensor switch.	1/2" x 2-1/4"	T-MSS-60W
600W Diva slide dimmer.	4-11/16" x 2-15/16" x 1-5/16"	DVLV-600P-Color
Decora style cover plate to fit over Wireless Controller on wall. Available in Almond (AL), Black (BK), Brown (BR), Grey (GR), or White (WT).	4-11/16" x 2-15/16" x 11/16"	T-DPL-Color

## Connectors

Description	Dimensions	Part Number
Female plug connector.	6-1/2" overall length	T-FPC
Male plug connector.	6-1/2" overall length	T-MPC
36" Barrel Connector Extender; black.	3 ft. overall length	T-BC-EXT-36-BK
72" Barrel Connector Extender; black.	6 ft. overall length	T-BC-EXT-72-BK
96" Barrel Connector Extender; black.	8 ft. overall length	T-BC-EXT-96-BK
Female barrel to screw-down connector.	1-9/16" x 9/16" x 1/2"	T-FBC
Male barrel to screw-down connector.	1-9/16" x 9/16" x 1/2"	T-MBC
EZ wire-to-wire connector.	13/16" x 11/16" x 5/16"	T-EZWC
DC 3-way splitter plug.	16" overall; 8" length/splice	T-3WSP
White 9-amp wire distribution block.	15/16" x 2-5/16" x 3/8"	T-WDB-W
White mini junction wire box.	2" x 1" x 5/8"	T-JB-W

## Wire

Description	Dimensions	Part Number
20/2 AWG stranded wire, 25 ft. spool	1/8"	T-CW20G-STR-25
20/2 AWG stranded wire, 50 ft. spool	1/8"	T-CW20G-STR-50
20/2 AWG stranded wire, 100 ft. spool	1/8"	T-CW20G-STR-100
20/2 AWG stranded wire. Specify the number of feet needed. Sold per foot. Order minimum is 2 ft.	1/8"	T-CW20G-STR-1
20/2 AWG solid wire, 25 ft. spool	1/8"	T-CW20G-SOL-25
20/2 AWG solid wire, 50 ft. spool	1/8"	T-CW20G-SOL-50
20/2 AWG solid wire, 100 ft. spool	1/8"	T-CW20G-SOL-100
20/2 AWG solid wire. Specify the number of feet needed. Sold per foot. Order minimum is 2 ft.	1/8"	T-CW20G-SOL-1