



# White Hi-Flux LED Tube Lights, UL-Listed, 12VDC

TBL3xx-TPW-012V-UL / TBL3xxC-TPW-012V-UL



Lengths 6"/12"/24"/48" — Energy-Efficient Replacements for Incandescents or Fluorescents

True White – 4800K-5200K Color — 65° Wide Beam — Plain Waterclear Tube Lens

48"



## FEATURES

- **Lamp Warranty:** 3 Years
- **Long Operating Life:** Continuous Burn – White LEDs Last up to 50,000+ Hours (5.7+ Years)
- **Input Voltage:** 12VDC — Runs on Solar Cells, 12V Batteries or 120VAC-to-12VDC Power-Pack Converters
- **Safety Assurance:** U.S. & Canadian UL-Listed
- **True White Color Temperature:** Not Too Cool, Not Too Warm
- **Housing Material:** Polycarbonate, UV-Protected, Scratch- & Impact-Resistant
- **Mounting Clip Material:** Polycarbonate, UV-Protected, Scratch- & Impact-Resistant
- **Weatherproof:** Enclosure Is Sealed & Water-Resistant
- **Solid-State:** High-Shock & High-Vibration-Resistant
- **Easy Installation:** Quick Mounting Brackets Provide Troublefree Setup and Lower Installation Costs
- **Ambient Operating Temperature Range:** ~-22°F to ~+122°F [~-30°C to ~+50°C]

∞ Can be ordered with leads (photo at right) on one end or interconnecting leads at both ends.

∞ Each module comes with two (2) mounting clips.



U.S. Patent No. 6,997,576 B1



Canada/US UL-Listed  
3KPU  
IFDR.311089  
IFDR7.311089 Certified for Canada

**Ideal for Use with Alternate or Renewable Energy Resources – Solar & Wind Power**

## SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NUMBER	LED EMITTING COLOR	INPUT VOLTAGE	MODULE LENGTH	CURRENT / MODULE	WATTS / MODULE	MAX. MODULE /1 AMP	TOTAL CANDELA	TOTAL LUMENS	FULL BEAM ANGLE
<b>6" TUBE – One end has wire leads</b>									
TBL306-TPW-012V-UL	True White	12VDC	6 in.	0.060 A	0.72	16	32 cd	38 lm	65°
<b>6" TUBE – Wire leads at both ends</b>									
TBL306C-TPW-012V-UL	True White	12VDC	6 in.	0.060 A	0.72	16	32 cd	38 lm	65°
<b>12" TUBE – One end has wire leads</b>									
TBL312-TPW-012V-UL	True White	12VDC	12 in.	0.120 A	1.44	8	64 cd	76 lm	65°
<b>12" TUBE – Wire leads at both ends</b>									
TBL312C-TPW-012V-UL	True White	12VDC	12 in.	0.120 A	1.44	8	64 cd	76 lm	65°
<b>24" TUBE – One end has wire leads</b>									
TBL324-TPW-012V-UL	True White	12VDC	24 in.	0.240 A	2.88	4	128 cd	152 lm	65°
<b>24" TUBE – Wire leads at both ends</b>									
TBL324C-TPW-012V-UL	True White	12VDC	24 in.	0.240 A	2.88	4	128 cd	152 lm	65°
<b>48" TUBE – One end has wire leads</b>									
TBL348-TPW-012V-UL	True White	12VDC	48 in.	0.480 A	5.76	2	256 cd	304 lm	65°
<b>48" TUBE – Wire leads at both ends</b>									
TBL348C-TPW-012V-UL	True White	12VDC	48 in.	0.480 A	5.76	2	256 cd	304 lm	65°

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THE FUTURE OF LIGHT

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23105 Kashiwa Court, Torrance, CA 90505  
Phone: (800) 579.4875 / (310) 534.1505  
Fax: (310) 534.1424  
E-mail: webmaster@ledtronics.com  
Website: http://www.ledtronics.com

**APPLICATIONS**



- Recreational Vehicle Interiors
- Marine Recreation Applications
- Bus/Shuttle/Railcar Passenger Interiors
- Uninterrupted Emergency Lighting
- Focused Reading & Task Lighting



- Interior Design Uses / Concealed Accent Lighting
- Retail Store Displays, Undercounter/ Undercabinet Lighting
- Cubicle/Workbench Lighting
- Coolers, Freezers
- Closet Illumination
- Cove Lighting, Edge Lighting

**ACCESSORIES**

- 12-inch Wire with Female Coaxial Connector



120Vac-to-12Vdc Power transformers available: 1Amp to 5.2Amps



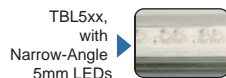
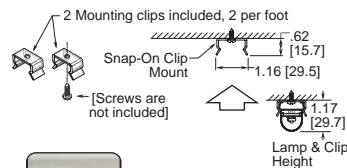
**BENEFITS**

- **Major Power Savings:** Up to 90% Compared to Incandescents
- **Even Lighting:** High Intensity / No Halation
- **Safer:** No Harmful UV or IR; No Threat of High-Voltage Electrocutation; No Danger of Broken Glass
- **Eco-Friendly:** No Hazard of Mercury or Lead Entering the Environment
- Reduces Light Pollution, Enhances Night Vision
- No RF Interference
- **Cool Operation:** LEDs Produce Little or No Heat
- **Quiet:** No Buzzing Noise, No Fluorescent Flickering
- Instant Lighting from a Cold Start
- Maintenance-Free



**CUSTOM OPTIONS** [For qualified applications & large-quantity OEM orders]

- Special Operating Voltages
- Choice of Narrow (15°), Medium (30°) or Wide-Angle (125°) Beam-Width LEDs
- Frosted Tube Housings for Diffused Light
- Different-Color LEDs or White-Color Temperatures



Additional Mounting Clips for flat surfaces



MTG-CLIP-STP-001

