LED Lamps - Tubes

Type A+B Dual Mode Lamps

Current's Type A+B Tubes offer the flexibility to be used in either Type A (ballast driven) or Type B (ballast bypass) applications. A Type A+B Tube can run off a ballast initially, and can run off mains voltage should the ballast fail, or if it is found to be incompatible. To use Type A+B lamps as Type B, the fixture must be re-wired.

SpectraChoice

PERFORMANCE HIGHLIGHTS:

Type A+B Dual Mode Lamps	
Light Output Range:	1,100-2,050 Lumens
CRI:	80
Selectable CCT:	3000K/3500K/4000K/5000K
Efficiency:	Up to 144 LPW
Wattage:	8W, 12W & 14.5W
Life:	50,000 hours L70
Temperature Rating:	-20°C to 45°C
Location Rating:	Damp
Fixtures:	Open or Enclosed
Ballast Compatability Guide:	www.LED.com/LEDTUBES-ballast-compatibility
Certification:	DLC Listed

LIMITED WARRANTY

5 years

FEATURES:

- Can be used as either Type A (ballast compatible) or Type B (ballast bypass); re-wiring required for Type B
- Type A mode allows for simple initial installation
- Type B mode allows for single-ended or double-ended power
- Double-Ended Type B mode works on shunted or unshunted sockets
- Safety First - built-in protection for installers and end users
- SpectraChoice™: color temperature levels that can be adjusted with a built-in switch, no tools required

BENEFITS:

- Simplifies stocking with Type A and Type B modes
- Greater flexibility - provides options at initial installation and in the future to rewire once ballast reaches end of life or is found to be incompatible
- Longer life and lower energy usage than linear fluorescent
- Use one lamp for many applications, simplifying project management by streamlining BOMs

LEARN MORE:

To learn more about saving money and energy, go to www.LED.com.

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Selectable **LED Lamps**

Do more with less.

- ***Reduce Inventory***
- ***Simplify Projects***
- ***Optimize Solutions***

LED Lamps - Tubes

Type A+B Dual Mode Lamps

CUSTOMER NAME
PROJECT NAME
DATE NOTES

Selectable SpectraChoice™ Dual Mode Glass Tubes - Type A+B

							TYPE A MODE						TYPE B MODE								
							Low Ballast Factor		Normal Ballast Factor		High Ballast Factor										
Bulb Shape	Base Type	Lamp Watts[5]	Order Code	Description	Carton Qty[2]	MOL (in)	System Watts	Lumens (Initial)	System Watts	Lumens (Initial)	System Watts	Lumens (Initial)	Input Voltage	Watts	Lumens (Initial)	Power Factor	CRI	Selectable Color Temp. (Initial)*	Rated Life L70 (Hrs)[1]	DLC®[4]	Location Rating[3]
Dual Mode 4ft Glass Tubes (Type A+B)																					
T8	G13	14.5	93319135	LED14ABT8/G4/8SC	25	48	15.5	1850	18.5	2200	26	2950	120-277	14.5	2000	>0.9	80	3000K	50,000	S-L5ZXZP	Damp
							15.5	1900	18.5	2250	26	3000	120-277	14.5	2050	>0.9	80	3500K	50,000	S-L5ZXZP	Damp
							15.5	1900	18.5	2250	26	3000	120-277	14.5	2050	>0.9	80	4000K*	50,000	S-L5ZXZP	Damp
							15.5	1850	18.5	2200	26	2950	120-277	14.5	2000	>0.9	80	5000K	50,000	S-L5ZXZP	Damp
Dual Mode 3ft Glass Tubes (Type A+B)																					
T8	G13	12	93320992	LED12ABT8/G3/8SC	25	36	10	1100	11.5	1350	17.5	1850	120-277	12	1650	>0.9	80	3000K	50,000	-	Damp
							10	1150	11.5	1400	17.5	1900	120-277	12	1650	>0.9	80	3500K	50,000	-	Damp
							10	1200	11.5	1450	17.5	1950	120-277	12	1700	>0.9	80	4000K*	50,000	-	Damp
							10	1200	11.5	1450	17.5	1950	120-277	12	1700	>0.9	80	5000K	50,000	-	Damp
Dual Mode 2ft Glass Tubes (Type A+B)																					
T8	G13	8	93320998	LED8ABT8/G2/8SC	25	24	9.5	1050	11	1300	17	1700	120-277	8	1100	>0.9	80	3000K	50,000	-	Damp
							9.5	1100	11	1300	17	1750	120-277	8	1100	>0.9	80	3500K	50,000	-	Damp
							9.5	1150	11	1350	17	1800	120-277	8	1150	>0.9	80	4000K*	50,000	-	Damp
							9.5	1150	11	1350	17	1800	120-277	8	1150	>0.9	80	5000K	50,000	-	Damp

[1] The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen output (L70)
[2] Minimum order quantity = Carton Qty
[3] UL 1993 Environmental Requirements for LED LAMPS
Damp Location – Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, including partially protected locations
[4] Not all product variations on this page are DLC qualified. Visit qpl.designlights.org/solid-state-lighting to confirm qualification.
[5] Bare lamp wattage operated on Normal Ballast Factor. Measured performance on Low (0.78), Normal (0.88) and High (1.18) Ballast Factors is provided for reference. Performance may vary depending on ballast model and age. Check ballast compatibility at www.LED.com/LEDTUBES-ballast-compatibility.
* Default wattage and color temperature settings noted by "*" in tables above.

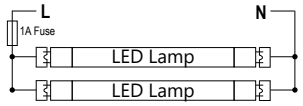
Selectable SpectraChoice™ Dual Mode Glass Tubes - Dimmer Compatibility

Lamps are dimmable on 120V on the below reverse phase dimmers.

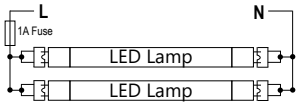
Brand	Model Number
Compatible Reverse Phase Dimmer List	
LUTRON	DVELV-300P-**
LUTRON	DVELV-303P-**
LUTRON	MAELV-600-**

If lamp holders are shunted, follow instructions for double-ended wiring.
If lamp holders are not shunted, single-ended or double-ended wiring may be used.

Double-Ended Wiring with Shunted Lamp Holders



Double-Ended Wiring with Non-Shunted Lamp Holders



Single-Ended Wiring with Non-Shunted Lamp Holders