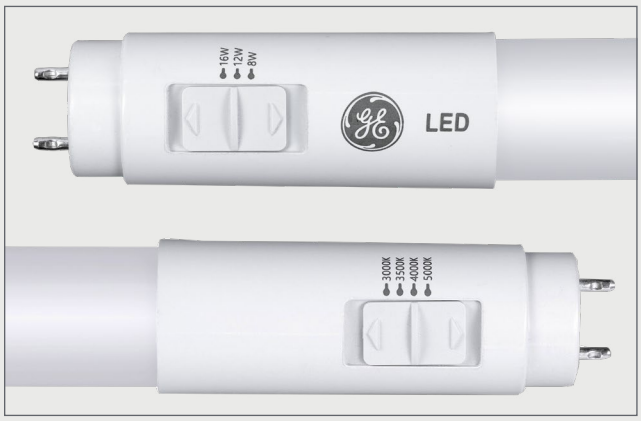
LED Lamps - Tubes



Selectable Type B LED Tubes

Current's Selectable Type B LED Tubes feature unmatched flexibility in a single lamp, with built-in switches to change wattage and color temperature, no tool required.

LumenChoice® + SpectraChoice™

PERFORMANCE HIGHLIGHTS:

Selectable Type B Tubes	
Selectable Light Output:	900 - 5,500 Lumens
CRI:	80
4' Selectable CCT:	3000K / 3500K / 4000K / 5000K
8' Selectable CCT:	3500K / 4000K / 5000K / 6500K
8' 2-Piece Selectable CCT:	3000K / 3500K / 4000K / 5000K / 6500K
Input Voltage:	120-277, 120-347
Efficiency:	Up to 159 LPW
Selectable Wattage:	Up to 25W
8' Wattage:	40W, 42W
Life:	50,000 - 70,000 hours L70
Temperature Rating:	-20°C to 45°C
Location Rating:	Damp

LIMITED WARRANTY

7 years for 70,000 hours
5 years for 50,000 hours

LEARN MORE:

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

FEATURES:

Three Options for Selectability:

- LumenChoice® + SpectraChoice™: wattage levels and color temperature levels that can be adjusted with built-in switches, no tool required
- LumenChoice®: wattage levels that can be adjusted with built-in switch, no tool required
- SpectraChoice™: color temperature levels that can be adjusted with built-in switches, no tool required

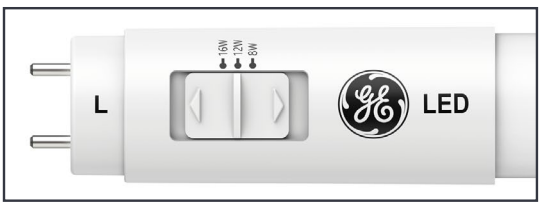
Safety First Built-In Protection:

- Internal safety switch provides protection for the installer
- Internal misapplication circuit provides protection if lamp is placed into ballasted fixture
- In-line fuse kit protects the installer if LFL is reinstalled in the future (optional, sold separately)

BENEFITS:

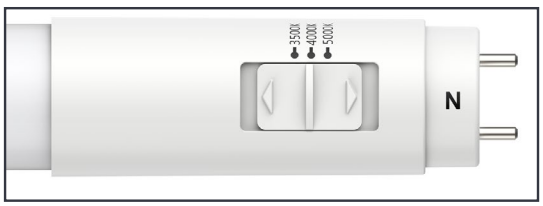
- Optimize light levels and power consumption instantly for each application, maximizing energy savings immediately
- Use one lamp for many applications, simplifying project management by streamlining BOMs
- One lamp can replace many, greatly reducing inventory
- Eliminates the need for ballasts

LumenChoice®



Select wattage (lumens) using built-in switch.

SpectraChoice™



Select color temperature using built-in switch.

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Selectable Type B LED Tubes

CUSTOMER NAME
PROJECT NAME
DATE NOTES

Ballast Bypass Selectable LumenChoice® + SpectraChoice™ Glass Tubes - Double Ended - Type B

Bulb Shape	Base Type	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Selectable Watts*	Selectable Lumens (Initial)*	Selectable Color Temp. (Initial)*	CRI	Rated Life L70 (Hrs)[1]	Power Factor	DLC® ID[4]	Location Rating[3]	Additional Information
Ballast Bypass (Type B) - 4ft Glass Tubes															
T8	G13	93301824	LEDLCBDT8/G4/8SC	120-277	20	48	8 12* 16	1100 1600* 2000	3500K 4000K* 5000K	80	70,000	>0.9	S-3Q0BDP	Damp	Ballast Bypass
T8	G13	93313525	LEDLCBDT8/G4/8SCXL/120-347	120-347	20	48	10 13* 16	1650 2050* 2550	3000K 3500K 4000K* 5000K	80	70,000	>0.9	S-3PNRN2	Damp	Ballast Bypass
Ballast Bypass (Type B) - 3ft Glass Tubes															
T8	G13	93313565	LEDLCBDT8/G3/8SC/120-347	120-347	20	36	10 12* 14	1400 1650* 1850	3000K 3500K 4000K* 5000K	80	70,000	>0.9	S-6N1DV1	Damp	Ballast Bypass
Ballast Bypass (Type B) - 2ft Glass Tubes															
T8	G13	93313567	LEDLCBDT8/G2/8SC/120-347	120-347	20	24	7 9* 11	1000 1250* 1450	3000K 3500K 4000K* 5000K	80	70,000	>0.9	S-HXPL6T	Damp	Ballast Bypass

Ballast Bypass Selectable LumenChoice® Glass Tubes - Double Ended - Type B

Bulb Shape	Base Type	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Selectable Watts*	Selectable Lumens (Initial)*	Color Temp. (Initial)	CRI	Rated Life L70 (Hrs)[1]	Power Factor	DLC® ID[4]	Location Rating[3]	Additional Information
Ballast Bypass (Type B) - 4ft Glass Tubes															
T8	G13	93301783	LEDLCBDT8/G4/840	120-277	20	48	8 12* 16	1100 1600* 2000	4000K	80	70,000	>0.9	S-Z2H9M3	Damp	Ballast Bypass

Ballast Bypass Selectable SpectraChoice™ Glass Tubes - Double Ended - Type B

Bulb Shape	Base Type	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Watts	Lumens (Initial)*	Selectable Color Temp. (Initial)*	CRI	Rated Life L70 (Hrs)[1]	Power Factor	DLC® ID[4]	Location Rating[3]	Additional Information
Ballast Bypass (Type B) - 8ft Glass Tubes															
T8	Fa8	93319020	LED42BDT8/G8/Fa8/8SC/120-347	120-347	10	96	42	5460 5600 5600* 5460	3500K 4000K 5000K* 6500K	80	50,000	>0.9	S-FVL70T	Damp	Ballast Bypass
Ballast Bypass (Type B) - 4ft Glass Tubes															
T8	G13	93313519	LED16BDT8/G4/8SCXL/120-347	120-347	20	48	16	2550	3000K 3500K 4000K* 5000K	80	70,000	>0.9	S-Y9PPM3	Damp	Ballast Bypass
T8	G13	93313501	LED13BDT8/G4/8SCXL/120-347	120-347	20	48	13	2050	3000K 3500K 4000K* 5000K	80	70,000	>0.9	S-77F6BV	Damp	Ballast Bypass
T8	G13	93313483	LED10BDT8/G4/8SCXL/120-347	120-347	20	48	10	1650	3000K 3500K 4000K* 5000K	80	70,000	>0.9	S-MY0H3W	Damp	Ballast Bypass
T8	G13	93315883	LED14BDT8/G4/8SC	120-277	20	48	14	1900	3000K 3500K 4000K* 5000K	80	50,000	>0.9	S-C04HBD	Damp	Ballast Bypass
Ballast Bypass (Type B) - 18 in Glass Tubes															
T8	G13	93319892	LED7BDT8/G18/8SC/120-347	120-347	20	18	7	900 1000 1000 950	3000K 3500K 4000K* 5000K	80	70,000	>0.9	-	Damp	Ballast Bypass

For Selectable R17d Signage and Standard Glass Tubes, refer to spec sheet GEL268

[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 from Current = Case 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] Visit qpl.designlights.org/solid-state-lighting to confirm qualification.
* Default wattage and color temperature settings noted by "*" in tables above.

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Selectable Type B LED Tubes

CUSTOMER NAME
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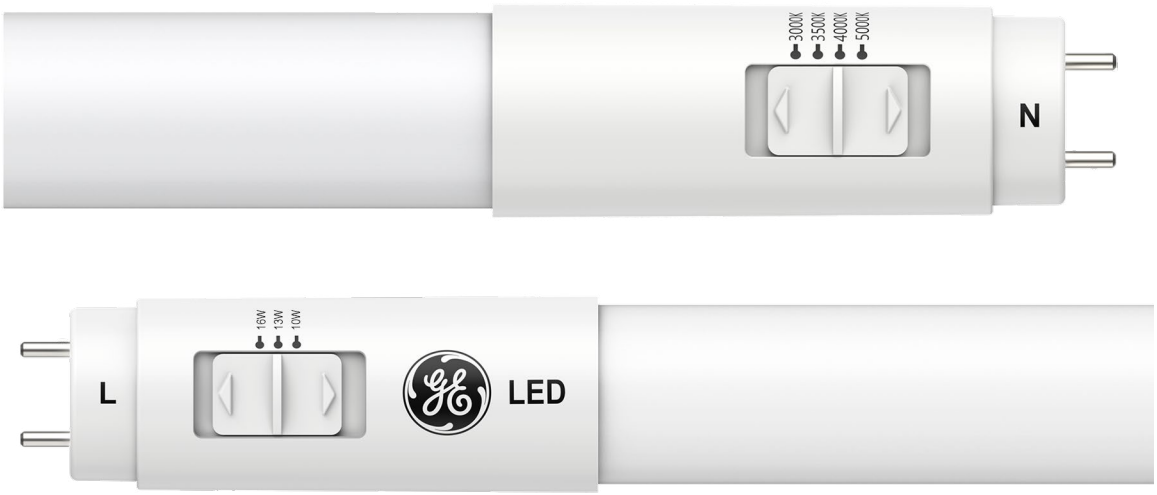

Metric Ballast Bypass Selectable LumenChoice® + SpectraChoice™ Glass Tubes - Double Ended - Type B

Bulb Shape	Base Type	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Selectable Watts*	Selectable Lumens (Initial)*	Selectable Color Temp. (Initial)*	CRI	Rated Life L70 (Hrs)[1]	Power Factor	DLC[3] ID[4]	Location Rating[3]	Additional Information
Ballast Bypass (Type B) - 46" Metric Glass Tubes															
T8	G13	93319902	LEDLCBDT8/G/8SC/METRIC	120-347	20	46	10	1,500 1,550 1,600 1,600	3000K 3500K 4000K 5000K	80	70,000	>0.9	-	Damp	Ballast Bypass
							13*	1,800 1,900 2,000* 2,000	3000K 3500K 4000K* 5000K						
							16	2,350 2,450 2,500 2,500	3000K 3500K 4000K 5000K						

[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 from Current = Case 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] Visit qpl.designlights.org/solid-state-lighting to confirm qualification.
* Default wattage and color temperature settings noted by "*" in tables above.

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Selectable Type B LED Tubes

CUSTOMER NAME
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Ballast Bypass Selectable LumenChoice® + SpectraChoice™ T5 Glass Tubes - Double Ended - Type B

Bulb Shape	Base Type	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Selectable Watts*	Selectable Lumens (Initial)*	Selectable Color Temp. (Initial)*	CRI	Rated Life L70 (Hrs)[1]	Power Factor	DLC[4] ID[4]	Location Rating[3]	Additional Information
Ballast Bypass (Type B) - 4ft Glass Tubes															
T5	G5	93319129	LEDLCBDT5/G4/8SC/120-347	120-347	20	46	14	2,000 2,100 2,200 2,100	3000K 3500K 4000K 5000K	80	50,000	>0.9	S-YF01DJ	Damp	Ballast Bypass
							20	2,700 2,800 2,900 2,800	3000K 3500K 4000K 5000K						
							25*	3,200 3,400 3,500* 3,400	3000K 3500K 4000K* 5000K						
Ballast Bypass (Type B) - 3ft Glass Tubes															
T5	G5	93319131	LEDLCBDT5/G3/8SC/120-347	120-347	20	34	11.5	1,600 1,650 1,700 1,700	3000K 3500K 4000K 5000K	80	50,000	>0.9	-	Damp	Ballast Bypass
							14.5	2,000 2,050 2,100 2,100	3000K 3500K 4000K 5000K						
							18*	2,400 2,450 2,500* 2,500	3000K 3500K 4000K* 5000K						
Ballast Bypass (Type B) - 2ft Glass Tubes															
T5	G5	93319133	LEDLCBDT5/G2/8SC/120-347	120-347	20	22	7	950 1,000 1,050 1,050	3000K 3500K 4000K 5000K	80	50,000	>0.9	-	Damp	Ballast Bypass
							9	1,250 1,300 1,350 1,350	3000K 3500K 4000K 5000K						
							11*	1,500 1,550 1,600* 1,600	3000K 3500K 4000K* 5000K						

[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 from Current = Case 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] Visit qpl.designlights.org/solid-state-lighting to confirm qualification.
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Selectable Type B LED Tubes

CUSTOMER NAME
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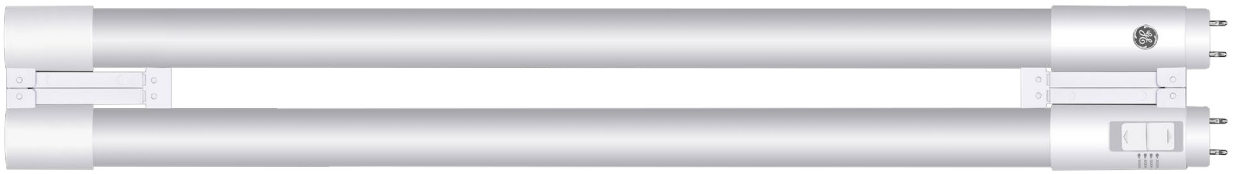
Out of the box:
U 1-5/8” configuration



Pull tubes apart to transform the lamp from U 1-5/8” tube spacing to the U 6” tube spacing

U 6” configuration with hinged frames fully extended

Ballast Bypass Selectable SpectraChoice™ T8 U1/U6 Adjustable Glass Tubes - Double Ended - Type B

Bulb Shape	Base Type	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Watts	Lumens (Initial)*	Selectable Color Temp. (Initial)*	CRI	Rated Life L70 (Hrs)[1]	Power Factor	DLC® ID[4]	Location Rating[3]	Additional Information
Ballast Bypass (Type B) - U1/U6 Adjustable Glass Tubes															
T8	2G13	93320487	LED13BDT8/U/U6/8SC/120-347	120-347	15	22.6	13	1,750 1,800 1,850* 1,850	3000K 3500K 4000K* 5000K	80	50,000	>0.9	S-ZFKXK8	Damp	Ballast Bypass
Patent Pending															

[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 from Current = Case 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] Visit qpl.designlights.org/solid-state-lighting to confirm qualification.
* Default wattage and color temperature settings noted by "*" in tables above.

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Selectable Type B LED Tubes

CUSTOMER NAME
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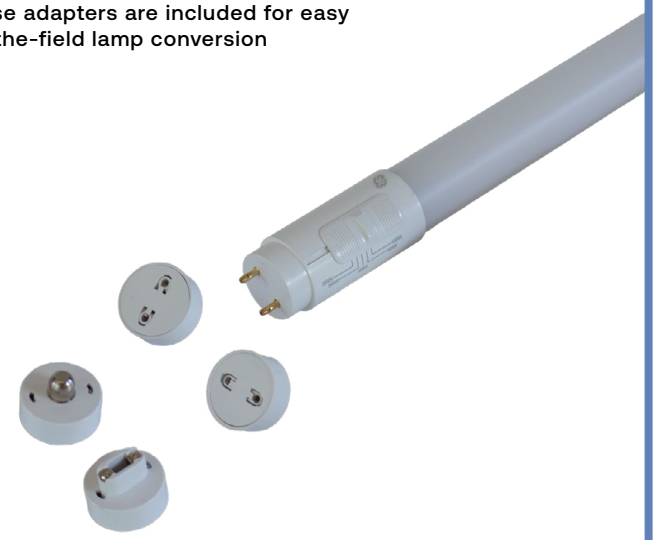
Ballast Bypass Selectable SpectraChoice™ T8 2-Piece 8ft Glass Tubes - Double Ended - Type B

Bulb Shape	Base Type[5]	Order Code	Description	Volts	Carton Qty[2]	MOL (in)	Watts	Lumens (Initial)*	Selectable Color Temp. (Initial)*	CRI	Rated Life L70 (Hrs)[1]	Power Factor	DLC[4] ID[4]	Location Rating[3]	Additional Information
Ballast Bypass (Type B) - 2-Piece 8ft Glass Tubes															
T8	Fa8 / R17d	93325072	LED40BDT8/G8-2P/Fa8/R17d/8SC	120-277	10	96	40	5,350 5,500 5,650 5,650* 5,350	3000K 3500K 4000K 5000K* 6500K	80	50,000	>0.9	-	Damp	Ballast Bypass, PET Coated, Includes Fa8 and R17d base adapters, support clip

[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 from Current = Case 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] Visit qpl.designlights.org/solid-state-lighting to confirm qualification.
[5] Ships from factory with Fa8 base adapter installed. R17d base adapter included
* Default color temperature settings noted by "*" in tables above.

Lamps have a G13 base; Fa8 and R17d base adapters are included for easy in-the-field lamp conversion



G13 Base

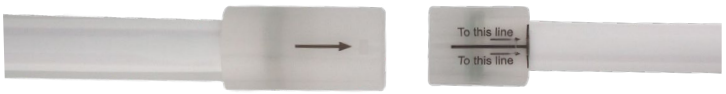
Fa8 Base Adapter

R17d Base Adapter

2-Piece 8ft Assembly: Two 4ft pieces connect in the center to make an 8ft tube. Line up the pins and holes utilizing the arrows on the outside cover. Push the tubes together to lock into place. Support clip (5) included to secure the middle of tube to the fixture.

1

2



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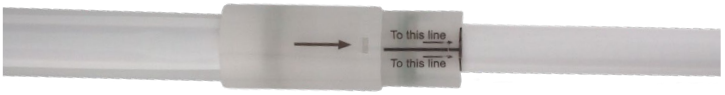

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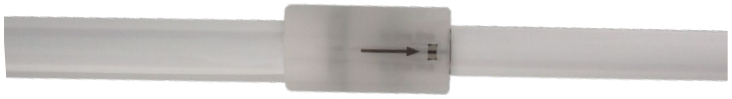

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