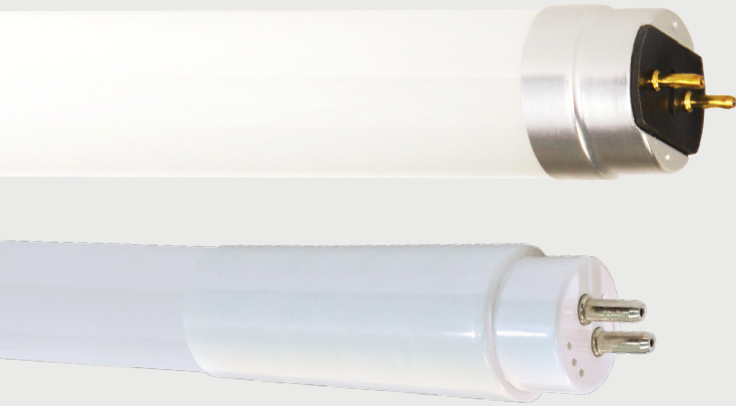




LED Lamps - Tubes



Type A LED Tubes

Convert your existing linear fluorescent fixture to LED lighting without needing a comprehensive reinstall. Type A LED tubes are ideal for those seeking high energy savings with minimal installation time. Each LED tube is outfitted with an internal driver, which allows it to run off a fluorescent electronic ballast.

PERFORMANCE HIGHLIGHTS:

Type A LED Tubes	
Light Output:	1,000 - 3,900 Lumens
CRI:	80
CCT:	3000K-6500K
Wattage:	7-25.5W
Life:	50,000 - 70,000 hours
Temperature Rating:	-20° to 40° C
Rating:	Damp
Fixtures:	Open or Enclosed
Dimming:	Dimmable with compatible dimming ballasts
Ballast Compatibility Guide:	www.LED.com/LEDTUBES-ballast-compatibility
Certification:	DLC Listed, NSF Food Zone (covRguard®)

LIMITED WARRANTY

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

FEATURES:

- Internal driver compatible with wide array of electronic fluorescent ballasts
- Better quality of light - instant on
- Available in T8 & T5, various lengths and light outputs
- Glass tubes and plastic coated glass options
- Robust materials - glass tubes & metal end caps standard on linear T8 lamps

BENEFITS:

- Fast and easy LED upgrade
- Lower energy usage and longer life than LFL
- Easy disposal, non-hazardous waste
- The polycarbonate plastic covRguard® sleeve is factory-sealed on the glass tube to provide a seamless look and feel, eliminating the need for a field-installed sleeve or fixture guard
- covRguard® offers shatter protection and provides containment, eliminating downtime

LEARN MORE:

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



Not all product variations listed on the page are DLC qualified. To ensure that a specific model is qualified, visit www.designlights.org/search.



LED Lamps - Tubes

Type A Tubes

CUSTOMER NAME _____
 PROJECT NAME _____
 DATE _____ NOTES _____

Integrated covRguard® Plastic Sleeved Glass Tubes - Type A

Bulb Shape	Base Type	Lamp Watts ⁵	Order Code	Description	Carton Qty ²	MOL (in)	Low Ballast Factor		Normal Ballast Factor		High Ballast Factor		Color Temp (Initial)	CRI	Rated Life L70 (Hrs) ¹	DLC ⁴	Location Rating ³	Additional Information
							System Watts	Lumens (Initial)	System Watts	Lumens (Initial)	System Watts	Lumens (Initial)						
Integrated 4ft covRguard® Plastic Sleeved Glass Tubes (operates on Instant Start or Program Start Ballast)																		
T8	G13	18	93135924	LED18ET8/G/4/830CVG	20	48	17	2050	20	2450	26	3200	3000K	80	70,000	Yes	Damp	NSF Food Zone
	G13	18	93135946	LED18ET8/G/4/835CVG	20	48	17	2100	20	2500	26	3250	3500K	80	70,000	Yes	Damp	NSF Food Zone
	G13	18	93135947	LED18ET8/G/4/840CVG	20	48	17	2100	20	2500	26	3250	4000K	80	70,000	Yes	Damp	NSF Food Zone
	G13	18	93135948	LED18ET8/G/4/850CVG	20	48	17	2150	20	2600	26	3400	5000K	80	70,000	Yes	Damp	NSF Food Zone
	G13	15	93135823	LED15ET8/G/4/835CVG	20	48	15	1850	17	2200	23	2950	3500K	80	70,000	Yes	Damp	NSF Food Zone
	G13	15	93135824	LED15ET8/G/4/840CVG	20	48	15	1850	17	2200	23	2950	4000K	80	70,000	Yes	Damp	NSF Food Zone
	G13	15	93135846	LED15ET8/G/4/850CVG	20	48	15	1900	17	2250	23	3000	5000K	80	70,000	Yes	Damp	NSF Food Zone
	G13	10	93135714	LED10ET8/G/4/835CVG	20	48	11.5	1400	13	1600	17.5	2150	3500K	80	70,000	Yes	Damp	NSF Food Zone
	G13	10	93135715	LED10ET8/G/4/840CVG	20	48	11.5	1400	13	1600	17.5	2150	4000K	80	70,000	Yes	Damp	NSF Food Zone
	G13	10	93135716	LED10ET8/G/4/850CVG	20	48	11.5	1400	13	1650	17.5	2250	5000K	80	70,000	Yes	Damp	NSF Food Zone
Integrated 3ft covRguard® Plastic Sleeved Glass Tubes (operates on Instant Start or Program Start Ballast)																		
T8	G13	10.5	93135659	LED11ET8/G/3/835CVG	20	36	11.5	1350	13	1600	18	2150	3500K	80	70,000	Yes	Damp	NSF Food Zone
	G13	10.5	93135660	LED11ET8/G/3/840CVG	20	36	11.5	1350	13	1600	18	2150	4000K	80	70,000	Yes	Damp	NSF Food Zone
	G13	10.5	93135661	LED11ET8/G/3/850CVG	20	36	11.5	1400	13	1650	18	2250	5000K	80	70,000	Yes	Damp	NSF Food Zone
Integrated 2ft covRguard® Plastic Sleeved Glass Tubes (operates on Instant Start or Program Start Ballast)																		
T8	G13	8.5	93135655	LED8ET8/G/2/835CVG	20	24	9.5	1200	11	1350	15	1850	3500K	80	70,000	Yes	Damp	NSF Food Zone
	G13	8.5	93135656	LED8ET8/G/2/840CVG	20	24	9.5	1200	11	1350	15	1850	4000K	80	70,000	Yes	Damp	NSF Food Zone
	G13	8.5	93135657	LED8ET8/G/2/850CVG	20	24	9.5	1200	11	1350	15	1850	5000K	80	70,000	Yes	Damp	NSF Food Zone

Integrated PET Plastic Coated Glass Tubes - Type A

Bulb Shape	Base Type	Lamp Watts ⁵	Order Code	Description	Carton Qty ²	MOL (in)	Low Ballast Factor		Normal Ballast Factor		High Ballast Factor		Color Temp (Initial)	CRI	Rated Life L70 (Hrs) ¹	DLC ⁴	Location Rating ³	Additional Information
							System Watts	Lumens (Initial)	System Watts	Lumens (Initial)	System Watts	Lumens (Initial)						
Integrated 4ft PET Plastic Coated Glass Tubes (operates on Instant Start or Program Start Ballast)																		
T8	G13	14	93107394	LED14ET8/G/4/830CT	20	48	15	1700	17	2050	23	2700	3000K	80	50,000	-	Damp	NSF Splash Zone
	G13	14	93107506	LED14ET8/G/4/835CT	20	48	15	1700	17	2050	23	2700	3500K	80	50,000	Yes	Damp	NSF Splash Zone
	G13	14	93107507	LED14ET8/G/4/840CT	20	48	15	1750	17	2100	23	2750	4000K	80	50,000	Yes	Damp	NSF Splash Zone
	G13	14	93107510	LED14ET8/G/4/850CT	20	48	15	1750	17	2100	23	2750	5000K	80	50,000	Yes	Damp	NSF Splash Zone

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.