



1 DIRECT DRIVE LED 1
LINE VOLTAGE T8 TUBES





DirectDrive Shatterproof Glass
T8 Lamps are ETL Sanitation Listed.

DirectDrive LED tubes eliminate the need for an external driver or ballast. For new construction installations, simply connect the 120-277V line voltage directly to the sockets. For retrofit installations, bypass the existing ballast by cutting the wires and connecting the 120-277V line voltage directly to the sockets. No ballast or driver is required.

PRODUCT FEATURES

- Integral Keystone Driver
- Plastic/Aluminum Operating Temperature: -20°C/-4°F to 55°C/131°F
- Glass Operating Temperature: -20°C/-4°F to 45°C/113°F
- Environmentally Friendly: No Mercury Used
- Frosted Lens Eliminates Pixelation
- Suitable for Use in Dry and Damp Locations

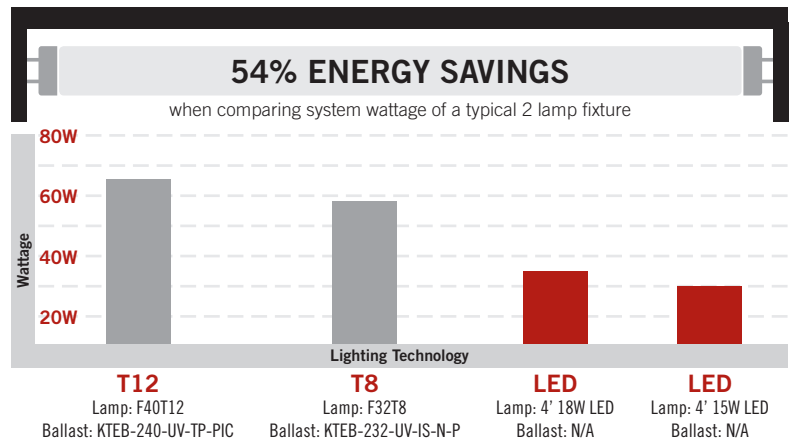
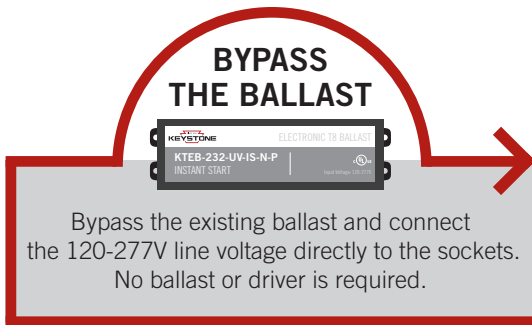


DirectDrive LED tubes will last for 16 years* or more, which means significant savings on maintenance. Keystone LED tubes practically eliminate the need for future relamping.

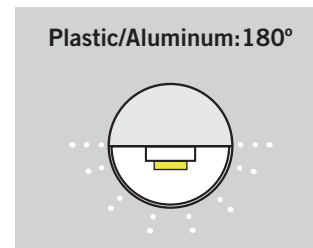
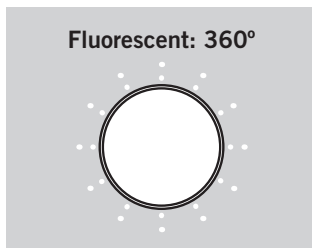
**Based on 12 hours/day, 5 days/week usage.*



Our Shatterproof Coated Glass Lamps are



LIGHT DISTRIBUTION

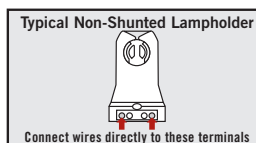


Learn why now is the time to upgrade to LED tubes. Visit keystoneballast.com and watch our 2 minute video.

ELECTRICAL SPECIFICATIONS

Catalog Number	Color	Nominal Length	Input Voltage	CRI	Lamp Wattage	Lumens	Beam Angle	Light Spread	Efficacy	Meets DLC
SHATTERPROOF GLASS CONSTRUCTION										
KT-LED7T8-18GC-830-D	3000K	18"	120-277V	>80	7W	700	240°	325°	100 lm/W	N/A
KT-LED7T8-18GC-840-D	4000K	18"	120-277V	>80	7W	750	240°	325°	107 lm/W	N/A
KT-LED7T8-18GC-850-D	5000K	18"	120-277V	>80	7W	800	240°	325°	114 lm/W	N/A
KT-LED7T8-18GC-865-D	6500K	18"	120-277V	>80	7W	800	240°	325°	114 lm/W	N/A
KT-LED9T8-24GC-830-D	3000K	2'	120-277V	>80	9W	900	240°	325°	100 lm/W	Yes
KT-LED9T8-24GC-840-D	4000K	2'	120-277V	>80	9W	950	240°	325°	106 lm/W	Yes
KT-LED9T8-24GC-850-D	5000K	2'	120-277V	>80	9W	1000	240°	325°	111 lm/W	Yes
KT-LED9T8-24GC-865-D	6500K	2'	120-277V	>80	9W	1000	240°	325°	111 lm/W	Yes
KT-LED12T8-36GC-830-D	3000K	3'	120-277V	>80	12W	1200	240°	325°	100 lm/W	N/A
KT-LED12T8-36GC-840-D	4000K	3'	120-277V	>80	12W	1250	240°	325°	104 lm/W	N/A
KT-LED12T8-36GC-850-D	5000K	3'	120-277V	>80	12W	1300	240°	325°	108 lm/W	N/A
KT-LED12T8-36GC-865-D	6500K	3'	120-277V	>80	12W	1300	240°	325°	108 lm/W	N/A
KT-LED15T8-48GC-830-D	3000K	4'	120-277V	>80	15W	1700	240°	325°	113 lm/W	Yes
KT-LED15T8-48GC-840-D	4000K	4'	120-277V	>80	15W	1800	240°	325°	120 lm/W	Yes
KT-LED15T8-48GC-850-D	5000K	4'	120-277V	>80	15W	1900	240°	325°	126 lm/W	Yes
KT-LED15T8-48GC-865-D	6500K	4'	120-277V	>80	15W	1900	240°	325°	126 lm/W	Yes
KT-LED18T8-48GC-830-D	3000K	4'	120-277V	>80	18W	1800	240°	325°	100 lm/W	Yes
KT-LED18T8-48GC-840-D	4000K	4'	120-277V	>80	18W	1900	240°	325°	106 lm/W	Yes
KT-LED18T8-48GC-850-D	5000K	4'	120-277V	>80	18W	2000	240°	325°	111 lm/W	Yes
KT-LED18T8-48GC-865-D	6500K	4'	120-277V	>80	18W	2000	240°	325°	111 lm/W	Yes
KT-LED18T8-48GC-830-D-FDIM*	3000K	4'	120V	>80	18W	1800	240°	325°	100 lm/W	Yes
KT-LED18T8-48GC-840-D-FDIM*	4000K	4'	120V	>80	18W	1850	240°	325°	103 lm/W	Yes
KT-LED18T8-48GC-850-D-FDIM*	5000K	4'	120V	>80	18W	1900	240°	325°	106 lm/W	Yes
GLASS CONSTRUCTION										
KT-LED7T8-18G-830-D	3000K	18"	120-277V	>80	7W	700	240°	325°	100 lm/W	N/A
KT-LED7T8-18G-840-D	4000K	18"	120-277V	>80	7W	750	240°	325°	107 lm/W	N/A
KT-LED7T8-18G-850-D	5000K	18"	120-277V	>80	7W	800	240°	325°	114 lm/W	N/A
KT-LED7T8-18G-865-D	6500K	18"	120-277V	>80	7W	800	240°	325°	114 lm/W	N/A
KT-LED9T8-24G-830-D	3000K	2'	120-277V	>80	9W	900	240°	325°	100 lm/W	Yes
KT-LED9T8-24G-840-D	4000K	2'	120-277V	>80	9W	950	240°	325°	106 lm/W	Yes
KT-LED9T8-24G-850-D	5000K	2'	120-277V	>80	9W	1000	240°	325°	111 lm/W	Yes
KT-LED9T8-24G-865-D	6500K	2'	120-277V	>80	9W	1000	240°	325°	111 lm/W	N/A
KT-LED12T8-36G-830-D	3000K	3'	120-277V	>80	12W	1200	240°	325°	100 lm/W	N/A
KT-LED12T8-36G-840-D	4000K	3'	120-277V	>80	12W	1250	240°	325°	104 lm/W	N/A
KT-LED12T8-36G-850-D	5000K	3'	120-277V	>80	12W	1300	240°	325°	108 lm/W	N/A
KT-LED12T8-36G-865-D	6500K	3'	120-277V	>80	12W	1300	240°	325°	108 lm/W	N/A
KT-LED18T8-48G-830-D	3000K	4'	120-277V	>80	18W	1800	240°	325°	100 lm/W	Yes
KT-LED18T8-48G-840-D	4000K	4'	120-277V	>80	18W	1900	240°	325°	106 lm/W	Yes
KT-LED18T8-48G-850-D	5000K	4'	120-277V	>80	18W	2000	240°	325°	111 lm/W	Yes
KT-LED18T8-48G-865-D	6500K	4'	120-277V	>80	18W	2000	240°	325°	111 lm/W	N/A
PLASTIC/ALUMINUM CONSTRUCTION										
KT-LED18T8-48P-830-D	3000K	4'	120-277V	>80	18W	1800	120°	180°	100 lm/W	Yes
KT-LED18T8-48P-840-D	4000K	4'	120-277V	>80	18W	1900	120°	180°	106 lm/W	Yes
KT-LED18T8-48P-850-D	5000K	4'	120-277V	>80	18W	2000	120°	180°	111 lm/W	Yes
KT-LED36T8-96P-840-D	4000K	8'	120-277V	>80	36W	3800	120°	180°	106 lm/W	N/A
KT-LED36T8-96P-850-D	5000K	8'	120-277V	>80	36W	4000	120°	180°	111 lm/W	N/A

*TRIAC dimmable



CAUTION: Use only non-shunted lampholders.

Do not install product in a fixture with shunted lampholders (found in all fixtures using instant start ballasts). If the current lamp-holders are shunted, remove them and replace them with non-shunted lampholders. Make new connections directly to terminals as indicated above.

Keystone can provide any style replacement lampholders. Call us at 800-464-2680.

RETROFIT ACCESSORIES

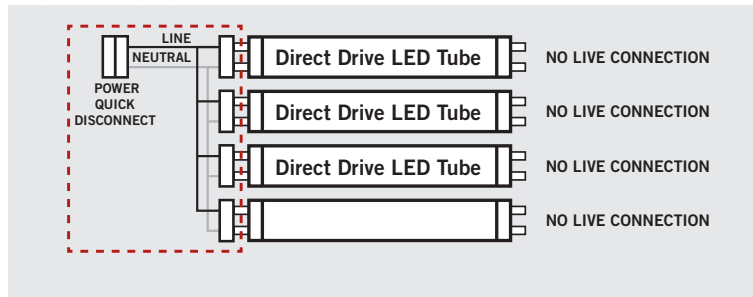
From pre-wired harnesses to tek screws, Keystone has what you need to get the job done.

Catalog Number	Description
DIRECT DRIVE WIRING HARNESS	
KT-SOCKET-T8-U-S-2-W	2-Lamp Wiring Harness for LED Tubes; Includes (2) Pre-Wired Short, Non-Shunted Sockets with Power Quick Disconnect
KT-SOCKET-T8-U-T-2-W	2-Lamp Wiring Harness for LED Tubes; Includes (2) Pre-Wired Tall, Non-Shunted Sockets with Power Quick Disconnect
KT-SOCKET-T8-U-S-4-W	4-Lamp Wiring Harness for LED Tubes; Includes (4) Pre-Wired Short, Non-Shunted Sockets with Power Quick Disconnect
KT-SOCKET-T8-U-T-4-W	4-Lamp Wiring Harness for LED Tubes; Includes (4) Pre-Wired Tall, Non-Shunted Sockets with Power Quick Disconnect

DIRECT DRIVE WIRING HARNESS WITH POWER QUICK DISCONNECT

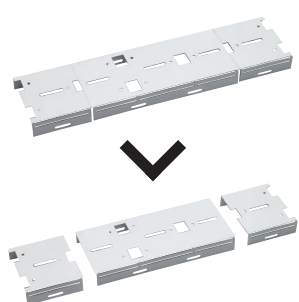


DIRECT DRIVE WIRING DIAGRAM



Catalog Number	Description
8' STRIP READY KIT	
KT-RKIT-SP-W-82-C4-4LED	4-Lamp 8' Strip LED Tube Ready Kit. Pre-Wired 4.25" Ballast Cover Kit for Direct Drive LED Tubes; Includes (2) 4' Ballast Covers, (1) Wiring Harness, (4) Sockets and (8) Tek Screws
BALLAST COVERS AND STRIP REFLECTORS	
KT-RKIT-SC-C4	4' White Ballast Cover Only, Approximately 4.25"
KT-RKIT-SR8-W	4' White (91%) Reflector, 8" Width
KT-RKIT-SR8-S	4' Specular Aluminum (87%) Reflector, 8" Width
KT-RKIT-SR8-M	4' Enhanced Aluminum (95%) Reflector, 8" Width
BRACKETS	
KT-RKIT-S-BR-1	One-Piece Break-Apart Adjustable Bracket for 4' or 8' Strip Fixture
KT-RKIT-T-BR	Troffer Brackets for 2'x4' or 2'x2' Fixture
SOCKETS	
KT-SOCKET-T8-U-T	Non-Shunted Tall T8 Socket with Push-Through with Nub, Approximately 30mm
KT-SOCKET-T8-U-S	Non-Shunted Short T8 Socket with Push-Through with Nub, Approximately 23mm
KT-SOCKET-T8-U-XS	Non-Shunted Extra Short T8 Socket with Push-Through with Nub, Approximately 17mm
MISCELLANEOUS	
KT-RKIT-QD	Power Quick Disconnect
KT-RKIT-TEK	Tek Screws

BREAK-APART ADJUSTABLE BRACKET



REFLECTOR AND BALLAST COVER



POWER QUICK DISCONNECT



NON-SHUNTED SOCKET



TROFFER BRACKETS

