



SINCE 1945
KEYSTONE
LIGHT MADE EASY

DIRECT DRIVE DX2
SINGLE OR DOUBLE ENDED LINE VOLTAGE LED TUBES



MAY 2018

DIRECT DRIVE DX2

SINGLE OR DOUBLE ENDED LINE VOLTAGE LED TUBES

Introducing the next generation of bypass tubes.

The DirectDrive DX2 is a line voltage tube offering single or double ended wiring. The incredible versatility of this product allows you to hold less inventory. In addition, it can utilize shunted or non-shunted lamp holders, making it an easy retrofit for conventional fluorescent lamps.

Why customers love it:

- Versatility of single or double-ended wiring
- Time and cost savings of double-ended wiring
- Approximately 40% more energy efficient than standard F32T8 lamps
- 50,000 hours and 5 year warranty



Additional product features:

- Environmentally friendly: no mercury used
- Instant startup
- Frosted lens eliminates pixelation
- Operating temperature: -20°C/-4°F to 45°C/113°F
- Integral driver (Isolated), eliminates the need for external driver or ballast
- 110+ lumens per watt
- Improved lamp durability with shatterproof coated glass
- ETL sanitation listed NSF/ANSI standard 2 - food equipment
- Complies with UL safety regulations for tubes with double ended wiring



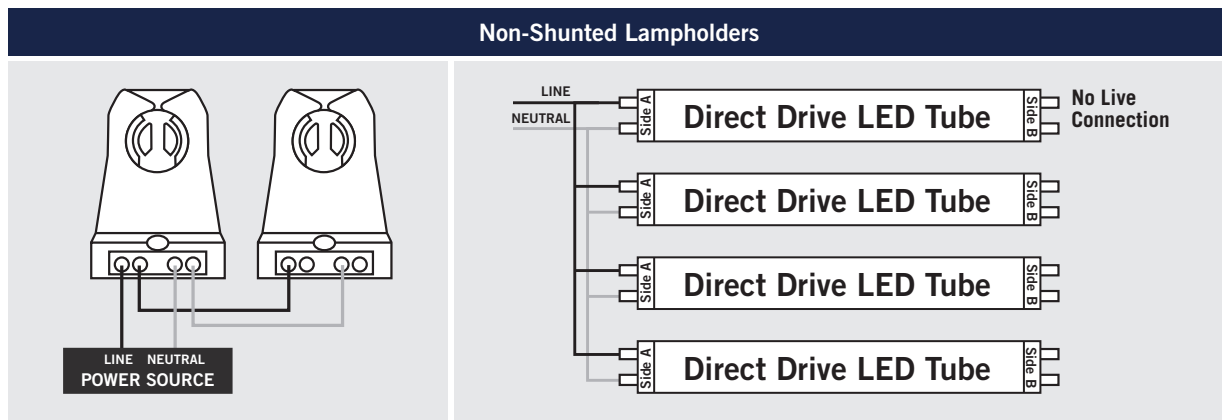
ONE TUBE. TWO WAYS TO INSTALL.

SINGLE OR DOUBLE ENDED WIRING

SINGLE-ENDED WIRING DIAGRAM

Cut all existing connections to ballast and re-wire fixture as shown below.

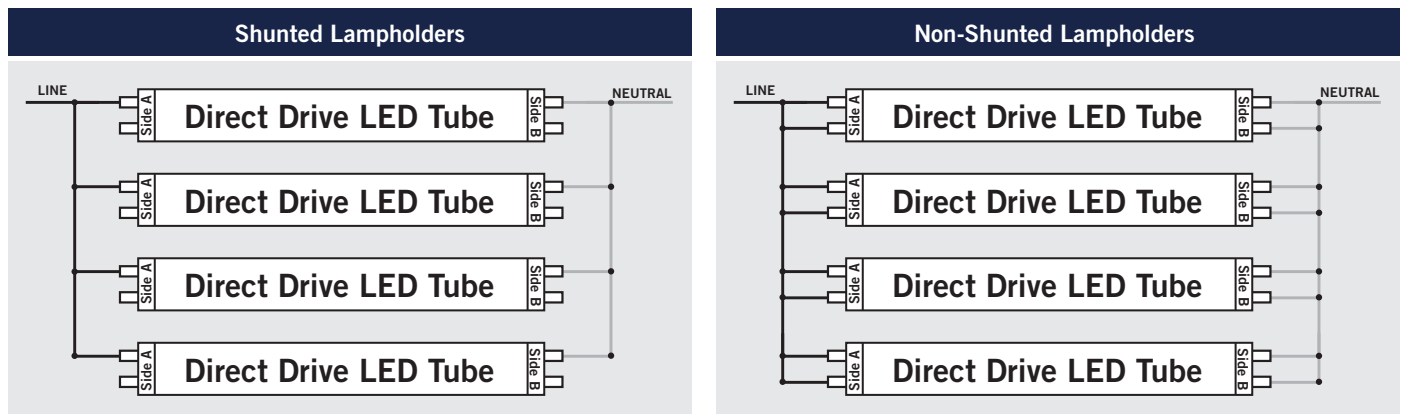
Note: Single-ended wiring requires non-shunted lampholders.



DOUBLE-ENDED WIRING DIAGRAM

1. Cut all existing connections to ballast and re-wire fixture as shown below. For double-ended wiring, use either shunted or non-shunted lampholders.

Note: There should not be any exposed wires at the end of installation.



PRODUCT SPECIFICATIONS

Catalog Number	Nominal Length	Color Temp.	Input Voltage	Power Consumption	Power Factor	Input Current	Lumens	CRI	Efficacy	Beam Angle	Light Spread
KT-LED7T8-24GC-830-DX2	2'	3000K	120-277Vac	7W	>0.9	0.06A @ 120V 0.03A @ 277V	850	>83	121 lm/W	240°	325°
KT-LED7T8-24GC-835-DX2	2'	3500K	120-277Vac	7W	>0.9	0.06A @ 120V 0.03A @ 277V	850	>83	121 lm/W	240°	325°
KT-LED7T8-24GC-840-DX2	2'	4000K	120-277Vac	7W	>0.9	0.06A @ 120V 0.03A @ 277V	900	>83	129 lm/W	240°	325°
KT-LED7T8-24GC-850-DX2	2'	5000K	120-277Vac	7W	>0.9	0.06A @ 120V 0.03A @ 277V	950	>83	136 lm/W	240°	325°
KT-LED7T8-24GC-865-DX2	2'	6500K	120-277Vac	7W	>0.9	0.06A @ 120V 0.03A @ 277V	950	>83	136 lm/W	240°	325°
KT-LED12T8-36GC-835-DX2	3'	3500K	120-277Vac	12W	>0.9	0.10A @ 120V 0.04A @ 277V	1,350	>83	113 lm/W	240°	325°
KT-LED12T8-36GC-840-DX2	3'	4000K	120-277Vac	12W	>0.9	0.10A @ 120V 0.04A @ 277V	1,400	>83	117 lm/W	240°	325°
KT-LED12T8-36GC-850-DX2	3'	5000K	120-277Vac	12W	>0.9	0.10A @ 120V 0.04A @ 277V	1,450	>83	121 lm/W	240°	325°
KT-LED10.5T8-48G-830-DX2	4'	3000K	120-277Vac	10.5W	>0.9	0.09A @ 120V 0.04A @ 277V	1,650	>83	157 lm/W	240°	325°
KT-LED10.5T8-48G-835-DX2	4'	3500K	120-277Vac	10.5W	>0.9	0.09A @ 120V 0.04A @ 277V	1,650	>83	157 lm/W	240°	325°
KT-LED10.5T8-48G-840-DX2	4'	4000K	120-277Vac	10.5W	>0.9	0.09A @ 120V 0.04A @ 277V	1,700	>83	162 lm/W	240°	325°
KT-LED10.5T8-48G-850-DX2	4'	5000K	120-277Vac	10.5W	>0.9	0.09A @ 120V 0.04A @ 277V	1,720	>83	164 lm/W	240°	325°
KT-LED15T8-48GC-830-DX2	4'	3000K	120-277Vac	15W	>0.9	0.16A @ 120V 0.07A @ 277V	1,750	>83	114 lm/W	240°	325°
KT-LED15T8-48GC-835-DX2	4'	3500K	120-277Vac	15W	>0.9	0.16A @ 120V 0.07A @ 277V	1,800	>83	117 lm/W	240°	325°
KT-LED15T8-48GC-840-DX2	4'	4000K	120-277Vac	15W	>0.9	0.16A @ 120V 0.07A @ 277V	1,850	>83	121 lm/W	240°	325°
KT-LED15T8-48GC-850-DX2	4'	5000K	120-277Vac	15W	>0.9	0.16A @ 120V 0.07A @ 277V	1,930	>83	127 lm/W	240°	325°
KT-LED15T8-48GC-865-DX2	4'	6500K	120-277Vac	15W	>0.9	0.16A @ 120V 0.07A @ 277V	1,900	>83	127 lm/W	240°	325°
KT-LED18.5T8-48GC-835-DX2	4'	3500K	120-277Vac	18.5W	>0.9	0.15A @ 120V 0.07A @ 277V	2,450	>83	132 lm/W	240°	325°
KT-LED18.5T8-48GC-840-DX2	4'	4000K	120-277Vac	18.5W	>0.9	0.15A @ 120V 0.07A @ 277V	2,500	>83	135 lm/W	240°	325°
KT-LED18.5T8-48GC-850-DX2	4'	5000K	120-277Vac	18.5W	>0.9	0.15A @ 120V 0.07A @ 277V	2,600	>83	141 lm/W	240°	325°

PHYSICAL CHARACTERISTICS

Nominal Length	Base Type	A (Illuminated Length)	B (Body Length)	C (Diameter)
24"	G13 (Medium Bi-Pin)	20.96"	23.19"	1.10"
36"	G13 (Medium Bi-Pin)	31.81"	35.19"	1.10"
48"	G13 (Medium Bi-Pin)	44.38"	47.15"	1.10"



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For a **FREE SAMPLE**, call 800-464-2680 or email DX2@keystonetech.com. Some restrictions apply.
Learn more about DirectDrive DX2 at: keystonetech.com/dx2