



KT-LEDXXT8-XXXP2SO-8CSK-DX2

DESCRIPTION

LED Sign Lamp | Double-Sided Illumination | Color Select | Advanced Optical Lens | Rotatable End Caps | Single or Double Ended Power | 120-277V Input

APPLICATION

Replacement for conventional T12HO and T8HO fluorescent lamps for single or double-sided sign applications



PRODUCT FEATURES

- Covered by one or more Patents: list available at <https://keystonetech.com/signhero-patent/>
- Keystone Color Select Technology (4000/5000/6500K)
- Ideal for both single-sided and double-sided signs
- 50,000+ hour lifetime
- 120–277V input
- Optical lens over individual LEDs for optimal light spread within the sign
- Listed in the UL SAM Manual
- Effective 360° beam spread
- Rotatable end caps
- Double-sided design provides even lighting in signs with no hot-spotting
- Over 50% more energy efficient than HO fluorescent lamps
- UL Classified: LED sign retrofit, evaluated to UL 48 / UL 879A Standards
- Installs using existing sockets in the sign; all necessary wiring can be done within ballast raceway
- No external driver or power supply needed
- Operating temperature: –30°C/–22°F to 55°C/131°F
- Optimized spacing 6" from the face and 12" on center

PERFORMANCE SPECIFICATIONS

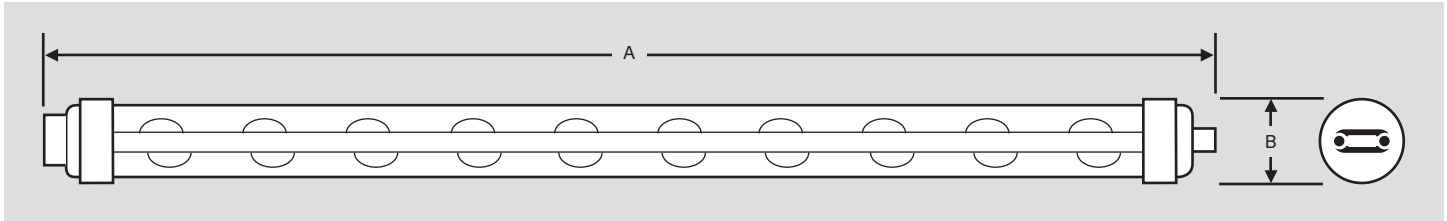
Catalog Number	Nominal Length	Wattage	Selectable CCT	Lumens	Efficacy	Input Current	CRI	Socket Type
KT-LED7T8-18P2SO-8CSK-DX2	18"	7W	4000/5000/6500K	900	129 lm/W	60mA	> 80	R17d
KT-LED10T8-24P2SO-8CSK-DX2	24"	10W	4000/5000/6500K	1,200	120 lm/W	90mA		
KT-LED13T8-30P2SO-8CSK-DX2	30"	13W	4000/5000/6500K	1,600	123 lm/W	115mA		
KT-LED16T8-36P2SO-8CSK-DX2	36"	16W	4000/5000/6500K	2,000	125 lm/W	140mA		
KT-LED18T8-42P2SO-8CSK-DX2	42"	18W	4000/5000/6500K	2,250	125 lm/W	160mA		
KT-LED21T8-48P2SO-8CSK-DX2	48"	21W	4000/5000/6500K	2,600	124 lm/W	185mA		
KT-LED26T8-60P2SO-8CSK-DX2	60"	26W	4000/5000/6500K	3,250	125 lm/W	230mA		
KT-LED28T8-64P2SO-8CSK-DX2	64"	28W	4000/5000/6500K	3,450	123 lm/W	245mA		
KT-LED31T8-72P2SO-8CSK-DX2	72"	31W	4000/5000/6500K	4,000	129 lm/W	275mA		
KT-LED37T8-84P2SO-8CSK-DX2	84"	37W	4000/5000/6500K	4,700	127 lm/W	325mA		
KT-LED42T8-96P2SO-8CSK-DX2	96"	42W	4000/5000/6500K	5,300	126 lm/W	370mA		
KT-LED47T8-108P2SO-8CSK-DX2	108"	47W	4000/5000/6500K	5,800	123 lm/W	415mA		
KT-LED50T8-117P2SO-8CSK-DX2	117"	50W	4000/5000/6500K	6,200	124 lm/W	440mA		
KT-LED52T8-120P2SO-8CSK-DX2	120"	52W	4000/5000/6500K	6,400	123 lm/W	460mA		



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PHYSICAL SPECIFICATIONS

LAMP DIMENSIONS



Catalog Number	Overall Length (A)			Diameter (B)
	Nominal Length	Min.	Max.	
KT-LED7T8-18P2SO-8CSK-DX2	18"	15.72"	15.92"	1.10"
KT-LED10T8-24P2SO-8CSK-DX2	24"	21.72"	21.91"	
KT-LED13T8-30P2SO-8CSK-DX2	30"	27.72"	27.91"	
KT-LED16T8-36P2SO-8CSK-DX2	36"	33.72"	33.91"	
KT-LED18T8-42P2SO-8CSK-DX2	42"	39.72"	39.91"	
KT-LED21T8-48P2SO-8CSK-DX2	48"	45.72"	45.91"	
KT-LED26T8-60P2SO-8CSK-DX2	60"	57.72"	57.91"	
KT-LED28T8-64P2SO-8CSK-DX2	64"	61.72"	61.91"	
KT-LED31T8-72P2SO-8CSK-DX2	72"	69.72"	69.91"	
KT-LED37T8-84P2SO-8CSK-DX2	84"	81.72"	81.91"	
KT-LED42T8-96P2SO-8CSK-DX2	96"	93.72"	93.91"	
KT-LED47T8-108P2SO-8CSK-DX2	108"	105.72"	105.91"	
KT-LED50T8-117P2SO-8CSK-DX2	117"	114.72"	114.91"	
KT-LED52T8-120P2SO-8CSK-DX2	120"	117.72"	117.91"	

ACCESSORIES (SOLD SEPARATELY)

Catalog Number	Description
KTSP-10KV	External surge protector; Input voltage 120 –277V; Max. peak current: 10KV; IP65 Rated
KT-SH-4L-CABLE-KIT	Cable kit for 1- 4 lamp applications; designed to prevent lamp sagging for horizontal applications over 8' long; includes options for mounting via magnets or tek screws
KT-SH-6L-CABLE-KIT	Cable kit for 1- 6 lamp applications. Designed to prevent lamp sagging for horizontal applications over 8' long; Includes options for mounting via magnets or tek screws



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ORDERING INFORMATION

CATALOG NUMBER	PACK QTY.	UPC	EASY CODE
KT-LED7T8-18P2SO-8CSK-DX2	9	843654163406	LEM-30
KT-LED10T8-24P2SO-8CSK-DX2		843654163413	GFE-94
KT-LED13T8-30P2SO-8CSK-DX2		843654163420	XXX-83
KT-LED16T8-36P2SO-8CSK-DX2		843654163437	XPP-34
KT-LED18T8-42P2SO-8CSK-DX2		843654163444	MEJ-14
KT-LED21T8-48P2SO-8CSK-DX2		843654163451	QQU-74
KT-LED26T8-60P2SO-8CSK-DX2		843654163468	IFE-64
KT-LED28T8-64P2SO-8CSK-DX2		843654163475	SMA-82
KT-LED31T8-72P2SO-8CSK-DX2		843654163482	RWV-15
KT-LED37T8-84P2SO-8CSK-DX2		843654163499	YBU-75
KT-LED42T8-96P2SO-8CSK-DX2		843654163505	EIE-51
KT-LED47T8-108P2SO-8CSK-DX2		843654163512	UUY-27
KT-LED50T8-117P2SO-8CSK-DX2		843654163529	HVV-00
KT-LED52T8-120P2SO-8CSK-DX2		843654163536	DLP-82

CATALOG NUMBER BREAKDOWN

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1	2	3	4	5	6	7	8	9	10	11	12
1 Keystone Technologies	2 LED Lamp	3 Wattage	4 Lamp Type	5 Nominal Length	6 Plastic	7 Double-Sided	8 Optical Lens	9 CRI	10 Color Select	11 Color Select Designation	12 Direct Drive Single & Double Ended
								8	> 80	K	3000/4000/5000K