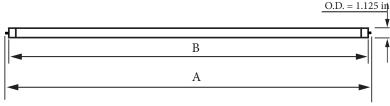


T8 TUBES SIGN SYSTEM T12 RETROFIT





Dimensions in inches

Product Type	A(max.)	B(max.)	
LED36 (22W)	33.18"	32.43"	
LED48 (26W)	45.19"	44.44"	
LED60 (32W)	57.20"	56.45"	
LED64 (35W)	61.14"	60.39"	
LED72 (40W)	69.17"	68.42"	
LED84 (46W)	81.18"	80.43"	
LED96 (52W)	93.18"	92.43"	

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED Direct/Indirect T8 Sign tubes are designed for the replacement of existing T12 fluorescent lighting systems. The DI-88 series tubes are offered in a variety of color temperatures and wattages for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T8 or T12 system fixtures.

APPLICATION

- · Sign Lighting
- · Office Lighting
- · School Lighting
- · Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- · Aluminum middle for excellent thermal management.
- · Double sided optics for direct / indirect lighting systems.
- · Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- · Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- · Mercury free design.
- · No radiated EMI interference.
- · High Output LED's.
- · High power factor, low THD internal driver.
- · InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- · 5 Year Warranty.

ORDERING INFORMATION

Sample Number: SGN-LED36-DI-T8-UNV-841-R17D Custom options and accessories available. Please consult factory

Series	Voltage	Color Temp.	Base	Wiring
SGN-LED36-DI-T8= 36" T8 Sign Tube	UNV = 120-277 VAC	835 = 3500°K	R17D = Recessed	1P = Single Pole Wiring
SGN-LED48-DI-T8 = 48" T8 Sign Tube		841 = 4100°K	Double Contact	2P = Dual Pole Wiring **
SGN-LED60-DI-T8 = 60" T8 Sign Tube		850 = 5000°K	FA8 = Single Pin	* See pg. 2 for details
SGN-LED64-DI-T8= 64" T8 Sign Tube			G13 = Bi-Pin	** FA8 lamp only offered
SGN-LED72-DI-T8= 72" T8 Sign Tube				in 2P wiring config.
SGN-LED84-DI-T8 = 84" T8 Sign Tube				
SGN-LED96-DI-T8= 96" T8 Sign Tube				







PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 -277	Power Factor	THD	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
SGN-LED36-DI-T8-UNV	22	0.192-0.083	>0.90	<20%	>80	2,200	100	36"	R17D	360°
SGN-LED48-DI-T8-UNV	26	0.227-0.098	>0.90	<20%	>80	2,600	100	48"	R17D	360°
SGN-LED60-DI-T8-UNV	32	0.279-0.121	>0.90	<20%	>80	3,200	100	60"	R17D	360°
SGN-LED64-DI-T8-UNV	35	0.306-0.132	>0.90	<20%	>80	3,500	100	64"	R17D	360°
SGN-LED72-DI-T8-UNV	40	0.349-0.151	>0.90	<20%	>80	4,000	100	72"	R17D	360°
SGN-LED84-DI-T8-UNV	46	0.402-0.174	>0.90	<20%	>80	4,600	100	84"	R17D	360°
SGN-LED96-DI-T8-UNV	52	0.454-0.197	>0.90	<20%	>80	5,200	100	96"	R17D	360°

SPECIFICATIONS

· LED Driver	
Power Supply	350mA
· Start Method	InstantON
Hot Re-start	InstantON
· Universal Input Line Voltage	120-277 VAC
Input Line Frequency	
Driver Off-State Draw	
· Sound Rating	Class A
· LED / Driver System Life	70,000 Hrs.
· Lumen Maintenance @50,000Hrs	> 70%
· Color Temperature	Various

	Color Rendering Index (CRI)	> 80
	Minimum Starting Temperature	
	Maximum Starting Temperature	
•	Lumens per Watt	> 100
	Shock / Vibration Resistant	
	Power Factor	> 0.90
	Total Harmonic Distortion	
	ETL Listed / UL Standard 1993	Yes
	FCC Compliance	
	Warranty	5 Year

WIRING DIAGRAM (See Complete Installation Instructions)

