

T8 Double-Sided sign tubes, UL Type B

PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Replacement for traditional T12HO & T8HO fluorescent tubes used in sign applications.
- Optics designed to deliver smooth even light without hot spots
- Multiple lengths available for any application need
- 120V-277V - Universal voltage
- Ambient temperature: -20°C to 55°C
- Rotatable endcaps all installer to direct light where needed
- Robust plastic and aluminum construction to minimize breakage
- Mercury and UV free. RoHS-compliant components
- Double-ended bypass installation for simple install and reduced maintenance costs



PERFORMANCE

Catalog Number	Equivalency	Length	Input Wattage	Lumen	Efficacy	Color Temperature	CRI	L70 Lifespan
T8-7-18P2S-865-DE-BYP	T8HO and T12HO	18 In	7W	900	128	6500K	80	50,000
T8-9-24P2S-865-DE-BYP	T8HO and T12HO	24 In	9W	1200	133	6500K	80	50,000
T8-12-30P2S-865-DE-BYP	T8HO and T12HO	30 In	12W	1600	133	6500K	80	50,000
T8-15-36P2S-865-DE-BYP	T8HO and T12HO	36 In	15W	1950	130	6500K	80	50,000
T8-17.5-42P2S-865-DE-BYP	T8HO and T12HO	42 In	17.5W	2300	131	6500K	80	50,000
T8-19.5-48P2S-865-DE-BYP	T8HO and T12HO	48 In	19.5W	2600	133	6500K	80	50,000
T8-24-60P2S-865-DE-BYP	T8HO and T12HO	60 In	24W	3250	135	6500K	80	50,000
T8-26-64P2S-865-DE-BYP	T8HO and T12HO	64 In	26W	3500	135	6500K	80	50,000
T8-29.5-72P2S-865-DE-BYP	T8HO and T12HO	72 In	29.5W	3900	132	6500K	80	50,000
T8-35-84P2S-865-DE-BYP	T8HO and T12HO	84 In	35W	4550	130	6500K	80	50,000
T8-39.5-96P2S-865-DE-BYP	T8HO and T12HO	96 In	39.5W	5200	131	6500K	80	50,000
T8-43-108P2S-865-DE-BYP	T8HO and T12HO	108 In	43W	5850	136	6500K	80	50,000
T8-46-117P2S-865-DE-BYP	T8HO and T12HO	117 In	46W	6200	135	6500K	80	50,000
T8-47.5-120P2S-865-DE-BYP	T8HO and T12HO	120 In	47.5W	6500	136	6500K	80	50,000

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type Linear	Lens Finish Clear
Length (Nominal) 18", 24", 30", 36", 42", 46" 60", 64", 72", 84", 96", 108" 117" & 120"	Base Type Rotatable R17D
Bulb Shape T8	Beam Angle 360°
Enclosure material Plastic-Aluminum (Cable Kits: Metal)	

COMPLIANCE

Safety Listing UL Listed, UL Classified
Environment/Fixture Rating Damp / Enclosed
FCC Complies with Part 15 of the FCC Rules.
RoHS Mercury and UV free. RoHS-compliant components.

INSTALLATION METHOD

UL Type B, Ballast Bypass - Double Ended Wire

ELECTRICAL

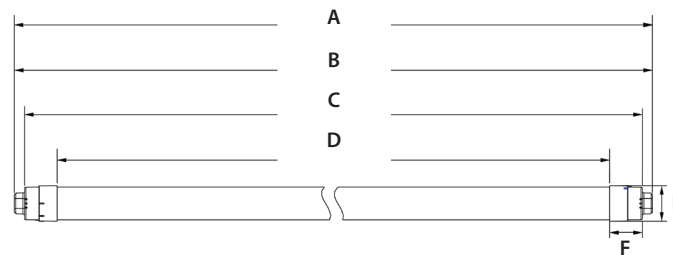
THD ≤20%
Power Factor >0.9
Input Voltage 120-277V
Operating Frequency 50/60Hz
Operating Temperature -20°C to 55°C
Note All values are typical (tolerance +/- 10%)

OTHER

Warranty
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

DIMENSIONS



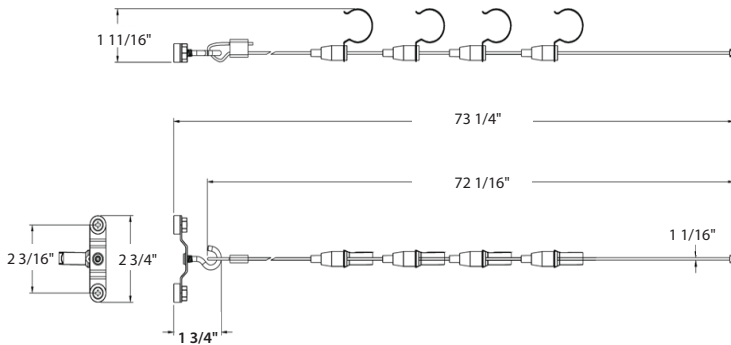
CATALOG NUMBER	WEIGHT	A	B	C	D	E	F
T8-7-18P2S-865-DE-BYP	0.3 lb	15 13/16 "	15 1/2"	15 3/16"	13 3/16"	1 1/8"	1"
T8-9-24P2S-865-DE-BYP	0.4 lb	21 13/16"	21 1/2"	21 3/16"	19 3/16"	1 1/8"	1"
T8-12-30P2S-865-DE-BYP	0.5 lb	27 13/16"	27 1/2"	27 3/16"	25 3/16"	1 1/16"	1"
T8-15-36P2S-865-DE-BYP	0.7 lb	33 1/2"	33 13/16"	33 3/16"	31 3/16"	1 1/8"	1"
T8-17.5-42P2S-865-DE-BYP	0.7 lb	39 13/16"	39 1/2"	39 3/16"	37 3/16"	1 1/16"	1"
T8-19.5-48P2S-865-DE-BYP	0.7 lb	45 13/16"	45 1/2"	45 3/16"	43 3/16"	1 1/8"	1"
T8-24-60P2S-865-DE-BYP	1 lb	57 13/16"	57 1/2"	57 3/16"	55 3/16"	1 1/8"	1"
T8-26-64P2S-865-DE-BYP	1 lb	61 13/16"	61 1/2"	61 3/16"	59 3/16"	1 1/16"	1"
T8-29.5-72P2S-865-DE-BYP	1 lb	69 13/16"	69 1/2"	69 3/16"	67 3/16"	1 1/8"	1"
T8-35-84P2S-865-DE-BYP	1.5 lbs	81 13/16"	81 1/2"	81 3/16"	79 3/16"	1 1/8"	1"
T8-39.5-96P2S-865-DE-BYP	1.8 lbs	93 13/16"	93 1/2"	93 3/16"	91 3/16"	1 1/8"	1"
T8-43-108P2S-865-DE-BYP	2 lbs	105 13/16"	105 1/2"	105 3/16"	103 3/16"	1 1/8"	1"
T8-46-117P2S-865-DE-BYP	2 lbs	114 13/16"	114 1/2"	114 3/16"	112 3/16"	1 1/16"	1"
T8-47.5-120P2S-865-DE-BYP	2 lbs	117 13/16"	117 1/2"	117 3/16"	115 3/16"	1 1/8"	1"

ACCESSORIES (SOLD SEPERATELY)

ST-4L-CABLE-KIT

Cable mounting accessory for sign Hero LED lamps: 1-4 lamp applications: designed to prevent lamp sagging for horizontal applications.

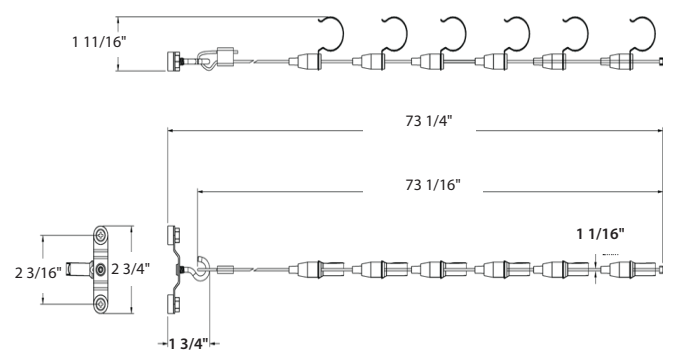
Over 8' long: Includes options for mounting via magnets or tek screws



ST-6L-CABLE-KIT

Cable mounting accessory for sign Hero LED lamps: 1-6 lamp applications: designed to prevent lamp sagging for horizontal applications.

Over 8' long: Includes options for mounting via magnets or tek screws



ORDERING INFO

Catalog Number	UPC	Case Pack
T8-7-18P2S-865-DE-BYP	019813510170	10
T8-9-24P2S-865-DE-BYP	019813510187	10
T8-12-30P2S-865-DE-BYP	192552000147	10
T8-15-36P2S-865-DE-BYP	019813510194	10
T8-17.5-42P2S-865-DE-BYP	192552000154	10
T8-19.5-48P2S-865-DE-BYP	019813510200	10
T8-24-60P2S-865-DE-BYP	019813510217	10
T8-26-64P2S-865-DE-BYP	192552000161	10
T8-29.5-72P2S-865-DE-BYP	019813510224	10
T8-35-84P2S-865-DE-BYP	019813510231	10
T8-39.5-96P2S-865-DE-BYP	019813510248	10
T8-43-108P2S-865-DE-BYP	019813510255	10
T8-46-117P2S-865-DE-BYP	192552000178	10
T8-47.5-120P2S-865-DE-BYP	019813510262	10
ST-4L-CABLE-KIT	019813510279	45
ST-6L-CABLE-KIT	019813510286	45