



PROJECT:

DATE:

TYPE:

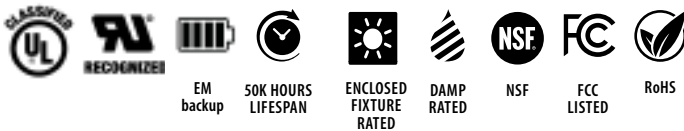
PREPARED BY:



KEY FEATURES

- Replaces Fluorescent T8 and T12 linear tubes.
T8HE: High Efficacy 9.5W LED tube
T8HO: High Output 2500lm LED tube
- **Integral driver** enables lamp to be wired directly to line voltage without need for an external driver ballast
- **Single-ender or double-ended wiring method**
- Works with non-shunted sockets AND shunted sockets
- **Approximately 50% more energy efficient** when compared to fluorescent T8 lamps
- **50,000** hour lifespan
- Rated for use in **enclosed and open fixtures in dry or damp locations**
- **Diffused frosted lens** will maintain the same light quality over time
- **Instant on full brightness**
- **Environmentally friendly**, no mercury used
- **NFS Listed:** NSF/ANSI standard 2- Food Equipment - Splash Zone (Not for Direct Food Zone without additional fixture considerations)
- **Internal thermal fuse** for added safety
- **Emergency back up drivers:**
DRI-5-EMGR-T8
DRI-10-EMER-TYPE B

T8HE and T8HO Ballast Bypass, Single & Doubled Ended Lamps



PERFORMANCE

Catalog Number	Equivalency	Input Wattage	Lumens	Efficacy	Color Temperature	CRI	L70 Lifespan	DLC ID
T8-9.5-48G-830-SD-BYP	F32T8	9.5W	1600	168	3000K	80	50,000	PLXBJ3DHHWCWQ
T8-9.5-48G-835-SD-BYP	F32T8	9.5W	1600	168	3500K	80	50,000	PLW0E0TIWC01
T8-9.5-48G-840-SD-BYP	F32T8	9.5W	1650	174	4000K	80	50,000	PL1BPHG7445H
T8-9.5-48G-850-SD-BYP	F32T8	9.5W	1650	174	5000K	80	50,000	PLJHCXASL4RT
T8-18.5-48G-830-SD-BYP	F32T8	18.5W	2400	130	3000K	80	50,000	PLJXBP7MZ56H
T8-18.5-48G-835-SD-BYP	F32T8	18.5W	2500	135	3500K	80	50,000	PLXMY0MYCI0I
T8-18.5-48G-840-SD-BYP	F32T8	18.5W	2600	141	4000K	80	50,000	PLEJ0FOU2UWG
T8-18.5-48G-850-SD-BYP	F32T8	18.5W	2600	141	5000K	80	50,000	PLDL8MEDV5EN

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type Linear	Endcap Finish White
Length (Nominal) 4FT	Lens Finish Frosted
Bulb Shape T8	Base Type T8: G13
Enclosure Material Glass	Beam Angle 160°

COMPLIANCE

Safety Listing

UL Classified, UL Recognized

Environment/Fixture Rating

Damp / Enclosed

DLC

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities

FCC

Complies with Part 15 of the FCC Rules.

NSF Listing

NSF/ANSI Standard 2 - Food Equipment (non-contact), Splash Zone, and Non-Food Zone. (Not for Direct Food Zone without additional fixture considerations).

RoHS

Mercury and UV free. RoHS-compliant components.

ELECTRICAL

THD

≤20%

Power Factor

>0.9

Input Voltage

120-277V

Operating Frequency

50/60Hz

Operating Temperature

-20°C to 45°C

Note

All values are typical (tolerance +/- 10%)

OTHER

Equivalency

Fluorescent F32T8

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.

INSTALLATION

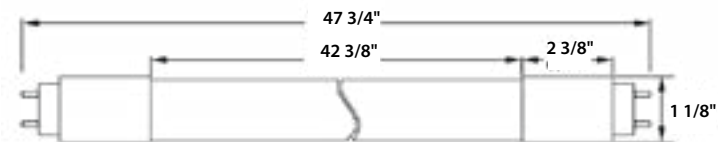
Installation Method

UL TYPE A and B (Dual Mode) - Single or Double-ended Wire

DIMENSIONS

T8 9.5W 4FT / T8 18.5W 4FT

Weight 0.5 lbs



ACCESSORIES

Emergency Back-up Drivers:

Catalog Number	Description	UPC
DRI-5-EMRG-T8	Emergency Driver for T8 5W	019813834467
DRI-10-EMRG-TYPE B	Emergency Driver for Type B	192552000338

T8HE/HO

ORDERING INFO

Catalog Number	Model Number (DLC/Energy Star)	UPC	Case Pack
T8-9.5-48G-830-SD-BYP	T10140(T8-9.5-48G-830-SD-BYP)	019813601724	25
T8-9.5-48G-835-SD-BYP	T10141(T8-9.5-48G-835-SD-BYP)	019813601731	25
T8-9.5-48G-840-SD-BYP	T10142(T8-9.5-48G-840-SD-BYP)	019813601748	25
T8-9.5-48G-850-SD-BYP	T10143(T8-9.5-48G-850-SD-BYP)	019813601755	25
T8-18.5-48G-830-SD-BYP	T10136(T8-18.5-48G-830-SD-BYP)	019813601762	25
T8-18.5-48G-835-SD-BYP	T10137(T8-18.5-48G-835-SD-BYP)	019813601779	25
T8-18.5-48G-840-SD-BYP	T10138(T8-18.5-48G-840-SD-BYP)	019813601786	25
T8-18.5-48G-850-SD-BYP	T10139(T8-18.5-48G-850-SD-BYP)	019813601793	25

ORDERING MATRIX

T8HE/HO Ballast Bypass Single & Doubled Ended

Family	Wattage	Length	Material	CRI/Color Temp	Installation	Installation Type
T8	-	48	G	-	SD	BYP
	9.5 9.5W 18.5 18.5W	48 48", 4ft T8	G Glass	850 80 CRI, 5000K 840 80 CRI, 4000K 835 80 CRI, 3500K 830 80 CRI, 3000K	SD Single and Double	BYP Ballast Bypass