

T8 Hybrid Field-Adjustable



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Direct replacement for fluorescent lamps: **F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W**
- TYPE A - plug-and-play compatible with most common commercial T8 electronic ballasts
- TYPE B - can be wired directly to line voltage 120-277V. Can be wired using single- or double-ended method
- Works with both **shunted and non-shunted sockets**
- **5 color temperatures in 1 SKU** (3000/3500/4000/5000/6500K)
- **50,000-Hour** lifespan

One T8 to rule them all!



PERFORMANCE

Catalog Number	Length	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Dim Type	Input Voltage	Color Temperature	DLC ID
T8-10.5-48G-8CCT-HYB	4 ft	32W Fluorescent	12W	1,650 lm	138 lm/W	Type A: 0-10V	Type A: Ballast dependent Type B: 120-277V	Field-adjustable via dip switch 3000/3500/4000/5000/6500K	S-4WQKWM
T8-12-48G-8CCT-HYB	4 ft	32W Fluorescent	12W	1,650 lm	138 lm/W				S-0GTH45
T8-15-48G-8CCT-HYB	4 ft	32W Fluorescent	15W	2,100 lm	140 lm/W				S-CONSAX
T8-15-48G-8CCT-HYB-C	4 ft	32W Fluorescent	16.5W	2,150 lm	130 lm/W				N/A
T8-7.5-24G-8CCT-HYB	2 ft	17W Fluorescent	7.5W	1,150 lm	153 lm/W				S-T4JAPF
T8-11-36G-8CCT-HYB	3 ft	25W Fluorescent	11W	1,500 lm	136 lm/W				S-YAUBC3

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Catalog Number	Lamp Wattage Type B (W)	System Wattage with Ballast Type A (W)	CCT (K)	Lumens (lm)	Efficacy (lm/W)	Equivalency Wattage (W)
T8-10.5-48G-8CCT-HYB	10.5W	13.4W	3000K	1,677	115	32W Fluorescent
			3500K	1,708	117	
			4000K	1,737	119	
			5000K	1,758	120	
			6500K	1,742	119	
T8-12-48G-8CCT-HYB	11.3W	12.9W	3000K	1,600	141	32W Fluorescent
			3500K	1,647	146	
			4000K	1,663	147	
			5000K	1,679	148	
			6500K	1,609	142	
T8-15-48G-8CCT-HYB	14.6W	16.5W	3000K	2,124	145	32W Fluorescent
			3500K	2,186	149	
			4000K	2,200	150	
			5000K	2,218	151	
			6500K	2,133	146	
T8-15-48G-8CCT-HYB-C	15W	17.6W	3000K	2,153	144	32W Fluorescent
			3500K	2,253	151	
			4000K	2,306	154	
			5000K	2,317	155	
			6500K	2,212	148	
T8-7.5-24G-8CCT-HYB	7.7W	8.8W	3000K	1,081	140	17W Fluorescent
			3500K	1,111	144	
			4000K	1,133	147	
			5000K	1,146	149	
			6500K	1,137	148	
T8-11-36G-8CCT-HYB	10.8W	12.2W	3000K	1,527	141	25W Fluorescent
			3500K	1,580	146	
			4000K	1,612	149	
			5000K	1,636	151	
			6500K	1,612	149	

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type Linear tube	Endcap Material Plastic
Length 2 ft, 3ft, 4ft	Finish White
Shape T8	
Enclosure Material Glass	

INSTALLATION

Installation Method UL Type A+B, Hybrid
Base Type G13

ELECTRICAL

Dimmable Type A: 0-10V dimming with compatible dimmable fluorescent ballast and 0-10V Dimmer Type B: non-dimmable
Input Voltage Type A: Ballast dependent Type B: 120-277V
Operating Frequency 60Hz
Operating Temperature -4°F to 104°F (-20°C to 40°C)
THD ≤25%
Power Factor >0.9
Flicker <40%

LED CHARACTERISTICS

Beam Angle 220°
Color Temperature Field-adjustable via dip switch 3000/3500/4000/5000/6500K
Color Accuracy (CRI) >80
R9 Value High color performance with R9 greater than 0
Color Consistency <6-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color
Color Stability LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period
Color Uniformity RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

COMPLIANCE

Listings UL Listed, UL Classified
Environment Suitable for use indoors in dry and damp environments.
Fixture Rating Suitable for use in enclosed fixtures.
DLC This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
California Title 20 Compliant No
California Title 24 JA8 Compliant No
California Energy Commission (CEC) Status Lawful for Sale in California
NSF Listed Meets NSF/ANSI standards for use in Food Zone (non-contact), Splash, and Non-Food Zones. Tube guard required in open fixtures.
RoHS Mercury and UV free. RoHS-compliant components.
FCC Complies with Part 15 of the FCC Rules.

OTHER

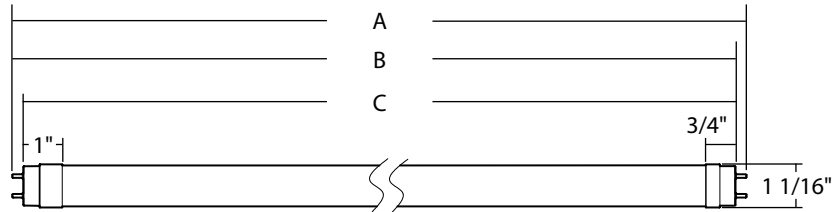
Warranty RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty .

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DIMENSIONS

T8 Hybrid field-adjustable tube



Catalog Number	Length	Weight	A	B	C
T8-7.5-24G-8CCT-HYB	2 ft	0.26lb	23 3/4"	23 7/16"	23 3/16"
T8-11-36G-8CCT-HYB	3 ft	0.35lb	35 3/4"	35 7/16"	35 3/16"
T8-10.5-48G-8CCT-HYB	4 ft	0.41lb	47 3/4"	47 7/16"	47 3/16"
T8-12-48G-8CCT-HYB					
T8-15-48G-8CCT-HYB					
T8-15-48G-8CCT-HYB-C					

ACCESSORIES



DRI-10-EMGR-TYPE B



DRI-5-EMGR-T8

Catalog Number	UPC	Description
DRI-10-EMGR-TYPE B	192552000338	10W Emergency driver Type B DE or SE
DRI-5-EMGR-T8	019813834467	5W Emergency driver Type B DE or SE

ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
T8-12-48G-8CCT-HYB	T10370(T8-12-48G-8CCT-HYB)	192552024587	25
T8-15-48G-8CCT-HYB	T10371(T8-15-48G-8CCT-HYB)	192552024594	25
T8-7.5-24G-8CCT-HYB	T10384(T8-7.5-24G-8CCT-HYB)	192552027922	25
T8-11-36G-8CCT-HYB	T10385(T8-11-36G-8CCT-HYB)	192552027939	25
T8-15-48G-8CCT-HYB-C	T10298(T8-15-48G-8CCT-HYB-C)	192552024587	25
T8-10.5-48G-8CCT-HYB	T10299(T8-10.5-48G-8CCT-HYB)	192552024594	25

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ORDERING MATRIX

Family	Wattage	Length/ Material	CRI/Color Temp	Voltage	Wiring Method	Installation Type	Lens Finish
T8			8CCT			HYB	
	7.5 7.5W (2 ft)	24G 2 ft, Glass	8CCT 80CRI, CCT adjustable	Blank 120-277V	Blank Single & Double Ended	HYB Hybrid	Blank Frosted C Clear
	10.5 10.5W (4 ft)	36G 3 ft, Glass	3000/3500/4000/5000/6500K				
	11 11W (3 ft)	48G 4 ft, Glass					
	12 12W (4 ft)						
	15 15W (4 ft)						