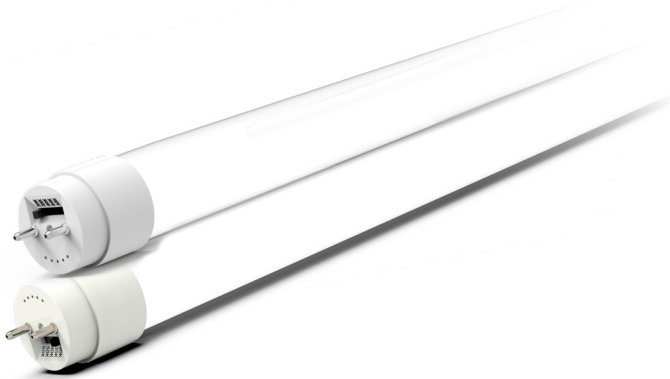


T8 Type B - 5CCT-Adjustable



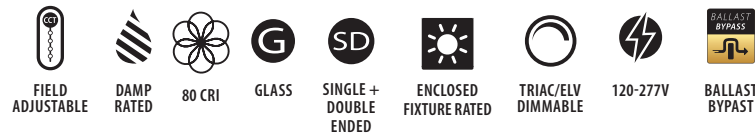
PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____

2 ft, 3 ft, 4 ft T8 UL Type B, Single or Double Ended, CCT-Adjustable, Glass



KEY FEATURES

- Replacement for traditional fluorescent T8 lamps
- Single or double-ended line voltage wiring
- Selectable CCT: 3000/3500/4000/5000/6500K
- Frosted glass lens diffuses light evenly
- 50,000-Hour lifespan, DLC Listed, UL Classified, and dimmable in certain applications.

PRODUCT OVERVIEW

Catalog Number	Length	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Color Temperature
T8-7.5-24G-8CCT-BYP	2 ft	17W T8 Fluorescent	7.5W	1,150 lm	153 lm/W	Default: 4000K Field adjustable via dip switch 3000/3500/4000/5000/6500K
T8-11-36G-8CCT-BYP	3 ft	25W T8 Fluorescent	11W	1,500 lm	136 lm/W	
T8-10.5-48G-8CCT-BYP	4 ft	32W T8 Fluorescent	10.5W	1,650 lm	157 lm/W	
T8-12-48G-8CCT-BYP			12W	1,650 lm	138 lm/W	
T8-15-48G-8CCT-BYP			15W	2,100 lm	140 lm/W	

T8 Type B - 5CCT-Adjustable



PERFORMANCE

Catalog Number	Wattage	CCT	Lumens (lm)	Efficacy (lm/W)	Equivalency Wattage
T8-7.5-24G-8CCT-BYP	7.5W	3000K	1,150 lm	153 lm/W	17W T8 Fluorescent
		3500K	1,150 lm	153 lm/W	
		4000K	1,150 lm	153 lm/W	
		5000K	1,150 lm	153 lm/W	
		6500K	1,150 lm	153 lm/W	
T8-11-36G-8CCT-BYP	11W	3000K	1,500 lm	136 lm/W	25W T8 Fluorescent
		3500K	1,500 lm	136 lm/W	
		4000K	1,500 lm	136 lm/W	
		5000K	1,500 lm	136 lm/W	
		6500K	1,500 lm	136 lm/W	
T8-10.5-48G-8CCT-BYP	10.5W	3000K	1,650 lm	157 lm/W	32W T8 Fluorescent
		3500K	1,650 lm	157 lm/W	
		4000K	1,650 lm	157 lm/W	
		5000K	1,650 lm	157 lm/W	
		6500K	1,650 lm	157 lm/W	
T8-12-48G-8CCT-BYP	12W	3000K	1,650 lm	138 lm/W	32W T8 Fluorescent
		3500K	1,650 lm	138 lm/W	
		4000K	1,650 lm	138 lm/W	
		5000K	1,650 lm	138 lm/W	
		6500K	1,650 lm	138 lm/W	
T8-15-48G-8CCT-BYP	15W	3000K	2,100 lm	140 lm/W	32W T8 Fluorescent
		3500K	2,100 lm	140 lm/W	
		4000K	2,100 lm	140 lm/W	
		5000K	2,100 lm	140 lm/W	
		6500K	2,100 lm	140 lm/W	

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

LED T8 UL Type B - Glass

Enclosure Material

Glass

Length

2 ft, 3 ft, and 4 ft.

Bulb Shape

T8

Finish

White

Lens Finish

Frosted

Base Type

G13

INSTALLATION

Installation Method

UL Type B, Ballast Bypass, Single or Double Ended wiring method

ELECTRICAL

Dimmable

Yes, dimmable down to 20% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

Driver**Catalog Number****Input Currents**

T8-7.5-24G-8CCT-BYP Constant Current 120-277V 50/60 Hz; @120V: 85 mA; @277V: 30 mA

T8-11-36G-8CCT-BYP Constant Current 120-277V 50/60 Hz; @120V: 102 mA; @277V: 44 mA

T8-10.5-48G-8CCT-BYP Constant Current 120-277V 50/60 Hz; @120V: 98 mA; @277V: 42 mA

T8-12-48G-8CCT-BYP Constant Current 120-277V 50/60 Hz; @120V: 112 mA; @277V: 48 mA

T8-15-48G-8CCT-BYP Constant Current 120-277V 50/60 Hz; @120V: 140 mA; @277V: 60 mA

Input Voltage

120-277V

Operating Frequency

50/60 Hz

Operating Temperature

-4°F to 113°F (-20°C to 45°C)

THD

<20%

Power Factor

0.9

Flicker

30/60K: <35%

35/40/50K: <45%

LED CHARACTERISTICS

Beam Angle

200°

Color Temperature

Default: 4000K

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 warranted 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

Listing

UL Recognized; UL Classified

Environment

Suitable for use in dry and damp environments.

Fixture Rating

Suitable for use in enclosed fixtures

DLC Listed

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

California Energy Commission (CEC) Status

Lawful for sales 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.

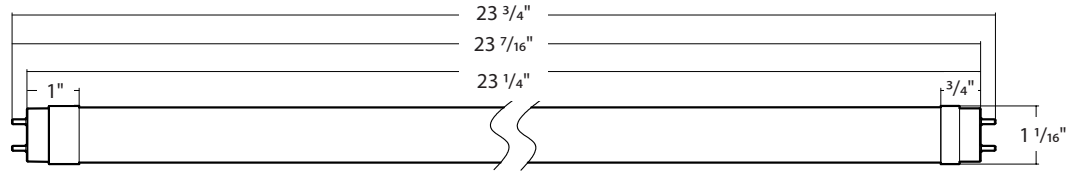
T8 Type B - 5CCT-Adjustable



DIMENSIONS

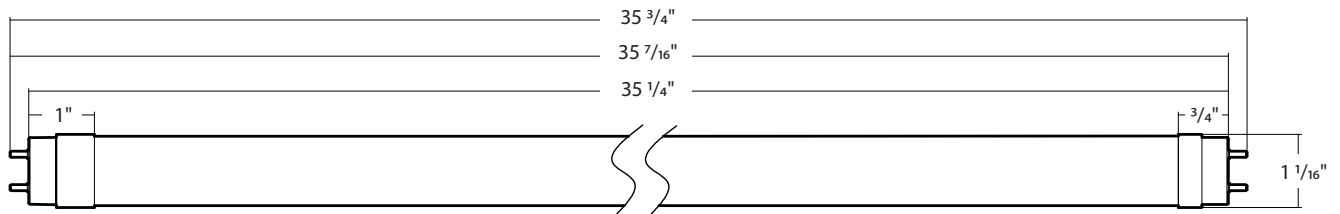
2 ft T8

Weight: 0.26 lbs



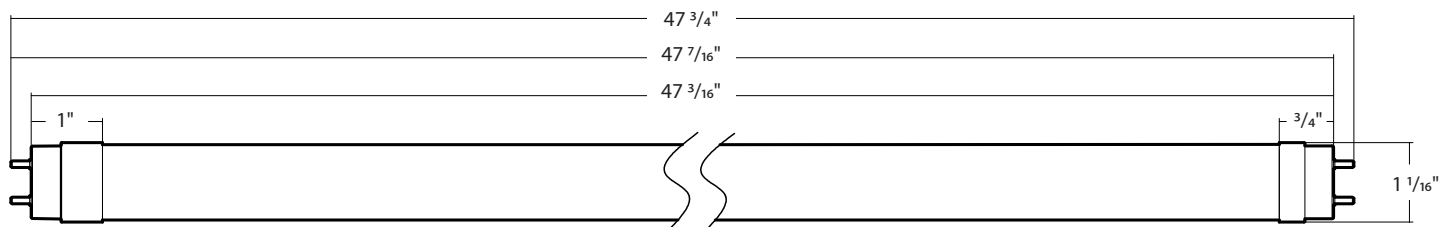
3 ft T8

Weight: 0.35 lbs



4 ft T8

Weight: 0.41 lbs



T8 Type B - 5CCT-Adjustable



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
T8-7.5-24G-8CCT-BYP	T20145 (T8-7.5-24G-8CCT-BYP)	192552056793	25
T8-11-36G-8CCT-BYP	T20146 (T8-11-36G-8CCT-BYP)	192552056809	25
T8-10.5-48G-8CCT-BYP	T20147 (T8-10.5-48G-8CCT-BYP)	192552056816	25
T8-12-48G-8CCT-BYP	T20148 (T8-12-48G-8CCT-BYP)	192552056823	25
T8-15-48G-8CCT-BYP	T20149 (T8-15-48G-8CCT-BYP)	192552056830	25

ORDERING MATRIX

Family	Wattage	Length/Material	CRI/Color Temp	Driver	Wiring Method	Installation Type
T8	-	-	-	-	SD	BYP
	7.5 7.5W (2 ft) 11 11W (3 ft) 10.5 10.5W (4 ft) 12 12W (4 ft) 15 15W (4 ft)	24G 2 ft., Glass 36G 3 ft., Glass 48G 4 ft., Glass	8CCT 80CRI, 3000/3500/ 4000/5000/6500K	Blank 120-277V	Blank Single/ Double Ended	BYP Ballast Bypass