

Field-Adjustable, Hybrid T8 U-Bend



PROJECT:

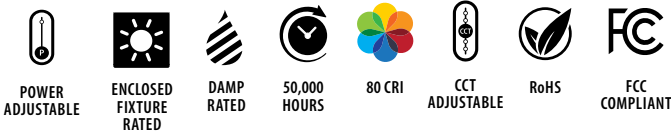
DATE:

TYPE:

PREPARED BY:



1 SKU with 15 options



KEY FEATURES

- 3 selectable wattages and 5 selectable CCTs
- Direct replacement for fluorescent lamps: F32T8/32W, F32R8/30W, F32T8/28W, F32T8/25W
- TYPE A - Plug and play compatible with most common commercial instant start T8 electronic ballasts
- TYPE B - Can be wired directly to line voltage 120-277V. Can be wired using single- or double-ended method

PERFORMANCE

Catalog Number	Length	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Input Voltage	Beam Angle	Color Temperature	CRI	L70 Life-span	Base Type	DLC IDs
T8-U6G-SD-HYB	2 ft	32W Fluorescent	11.5/13/15W	1,800/2,000/2,200 lm	156/154/147 lm/W	Type A: Ballast Dependent	160°	Field-Adjustable via dip switch	90	50,000	2G13	S-VS4W0X
T8-U1G-SD-HYB												S-7XQWPB

PERFORMANCE (CONT.)

Catalog Number	Wattage	CCT	Lumens			Efficacy			Equivalency
			11.5 W	13W	15W	11.5 W	13W	15W	
T8-U6G-SD-HYB	11.5/13/15W	3000K	1,700 lm	1,900 lm	2,100 lm	148 lm/W	146 lm/W	140 lm/W	32W Fluorescent
		3500K	1,700 lm	1,900 lm	2,100 lm	148 lm/W	146 lm/W	140 lm/W	
		4000K	1,800 lm	2,000 lm	2,200 lm	157 lm/W	154 lm/W	147 lm/W	
		5000K	1,800 lm	2,000 lm	2,200 lm	157 lm/W	154 lm/W	147 lm/W	
		6000K	1,800 lm	2,000 lm	2,200 lm	157 lm/W	154 lm/W	147 lm/W	

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PERFORMANCE (CONT.)

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		3500K	1,700 lm	1,900 lm	2,100 lm	148 lm/W	146 lm/W	140 lm/W	
		4000K	1,800 lm	2,000 lm	2,200 lm	157 lm/W	154 lm/W	147 lm/W	
		5000K	1,800 lm	2,000 lm	2,200 lm	157 lm/W	154 lm/W	147 lm/W	
		6000K	1,800 lm	2,000 lm	2,200 lm	157 lm/W	154 lm/W	147 lm/W	

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type Linear Tube	Endcap Material Plastic	Lens Finish Frosted
Length 2 ft	Enclosure Material Glass	
Shape T8U	Finish White	

INSTALLATION

Installation Method UL Type A/B, Hybrid	Base Type 2G13
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COMPLIANCE

Listings

UL Listed, UL Classified

Environment

Suitable for use in dry or damp environments.

Fixture Rating

Suitable for use in enclosed fixtures

DLC Listed

This product is on the Design Lights Consortium (DLC) Qualified Products List

California Title 20 Compliant

No

California Title 24 JA8 Compliant

No

California Energy Commission (CEC) Status

Lawful for Sale in California

NSF Listed

Meets NSD/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.

Note

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

ELECTRICAL

Dimmable

Type B: Triac Dimming
Type A: 0-10V dimmable on existing 0-10V dimming ballast

Input Voltage

Type A: Ballast dependent

Operating Frequency

50/60 Hz

Operating Temperature

-4°F to 113°F (-25°C to 40°C)

THD

<25%

Power Factor

>0.9

Flicker

<40%

LED CHARACTERISTICS

Beam Angle

160°

Color Temperature

Field adjustable via dip switch 3000K/3500K/4000K/5000K/6500K

Color Accuracy (CRI)

82 CRI

R9 Value

High color performance with R9 greater than 0

Color Consistency

<5-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

Color Uniformity

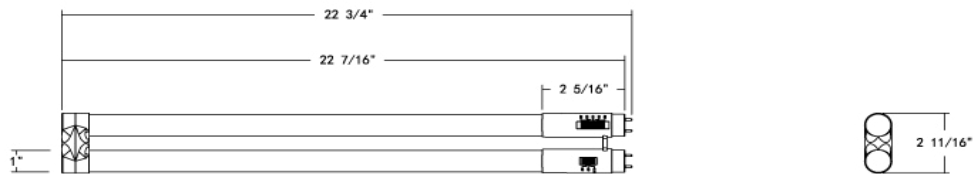
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

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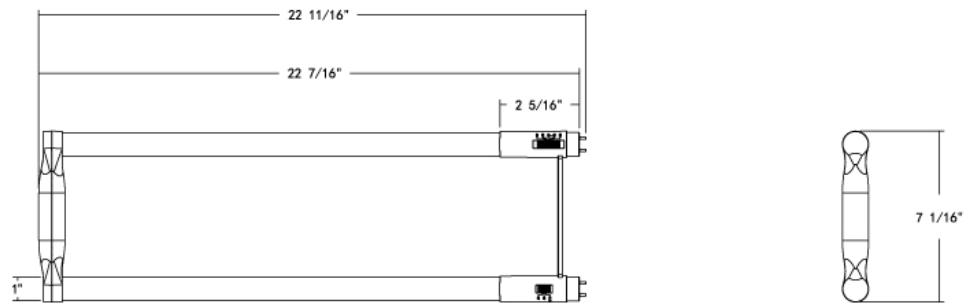


DIMENSIONS

T8-U6G-SD-HYB



T8-U6G-SD-HYB



ACCESSORIES



Catalog Number	UPC	Description
DRI-10-EMGR-TYPE-B*	11.5/13/15W	10W Emergency Driver for LED T8 Bypass Tubes Double Ended or Single/Double

*For use under Type B only

ORDERING MATRIX

Family	Wattage	Length/Material	CRI/Color Temp	Voltage/Dimming	Wiring Method	Installation Type
T8						HYB
	Blank 11.5/13/15W	U6G U1G Ubend 6", Glass Ubend 1", Glass	Blank 80 CRI; 3000/3500/4000/5000/6500K	Blank 120-277V	SD Single +Double Ended	HYB Hybrid