

CCT-Adjustable Emergency Tube



SBR10

PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- Designed to install quickly and simply as an emergency solution for T8 linear fixtures
- True UL 924-certified LED retrofit tube that is hardwired 24/7 to mains power
- Bypass the ballast: driver integrated directly into the lamp body
- 3 selectable color temperatures
- Backup battery provides 400 lumens of emergency illumination for a minimum of 90 minutes up to 200 minutes
- Easy to install, simply remove existing sockets from fixture and wire tube directly

Meets UL924 requirements



PERFORMANCE

Catalog Number	Length	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Dim Type	Input Voltage	Beam Angle	Color Temperature	CRI	L70 Lifespan	Base Type	DLC ID
SBR10	4 ft	32W Fluorescent	14.5W	3500K @ 1,750 lm; 4000K @ 1,800 lm; 5000K @ 1,800 lm	3500K @ 121 lm/W; 4000K @ 124 lm/W; 5000K @ 124 lm/W	TRIAC/ELV	120-277V	140°	3500K/ 4000K/5000K	80 CRI	50,000 hrs	Hardwired	S-ZGJKLK

CCT-Adjustable Emergency Tube



TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

Emergency Linear Tube

Length

4 ft

Shape

T10

Endcap Material

Polycarbonate

Enclosure Material

Aluminum + Polycarbonate

Finish

White

INSTALLATION

Installation Method

UL Type B, Ballast Bypass

Base Type

Hardwired

ELECTRICAL

Dimmable

Yes, dimmable down to 15-20% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

Input Voltage

120-277V

Operating Frequency

50/60 Hz

Operating Temperature

32°F to 104°F (0° to 40°C)

THD

0.2

Power Factor

0.9

Flicker

0.5

Emergency Operation

90 minutes @ 0° ambient temperature; 200-minutes @ 77° (25°)

Emergency Lumens

400 lm (3.5W)

Battery Recharge Time

24 hours @ 0° ambient temperature

LED CHARACTERISTICS

Beam Angle

140°

Color Temperature

3500K/4000K/5000K

Color Accuracy (CRI)

80 CRI

R9 Value

High color performance with R9 greater than 0

Color Consistency

7-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 Recognized, UL Classified

Environment

Suitable for use indoors in dry and damp environments.

Fixture Rating

Suitable for use in enclosed fixtures

DLC Listed

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 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

CCT-Adjustable Emergency Tube



TECHNICAL SPECIFICATIONS (CONT.)

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.

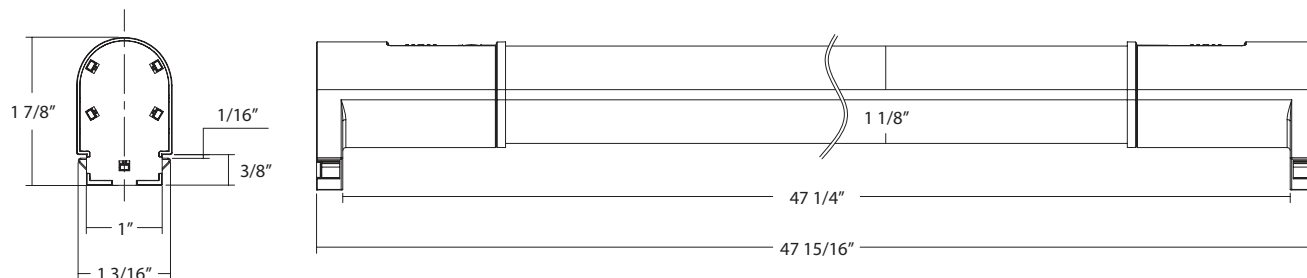
Note

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

DIMENSIONS

SBR10

Weight: 1.20 lbs.



ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
SBR10	BT01(SBR10)	192552037051	10

ORDERING MATRIX

Family		Length/Wattage		Material		CRI/Color Temp		Voltage		Installation Type	
SBR10											
SBR10	SaberT10	Blank	4 ft, 14.5W	Blank	Plastic	Blank	80 CRI, 3500/4000/5000K	Blank	V: 120V-277V	Blank	Type B, Ballast Bypass