

# BCTUBE T8 G3 UL TYPE A BALLAST COMPATIBLE & DIMMABLE



## UL Type A T8. dimmable.

THE BCTUBE T8 G3 IS OUR LATEST GENERATION OF LED TUBE WHICH BUILDS ON OUR PREVIOUS G1 AND G2 MODELS. THE PERFECT FLUORESCENT BALLAST COMPATIBLE LED TUBE SOLUTION: LOW COST, HIGH EFFICACY, BEAUTIFUL ILLUMINATION AND COMPATIBLE WITH VIRTUALLY EVERY ELECTRONIC T8 FLUORESCENT BALLAST, INCLUDING DIMMABLE BALLASTS AND EMERGENCY BATTERY BALLASTS.



### NEW HIGH PERFORMANCE NANO LENS MATERIAL

Manufactured from a plastic and glass copolymer. Higher transmission rate, more uniform illumination and increased rigidity compared with plastic lenses without the breakage issues of an all glass tube.

### PLUG & PLAY INSTALLATION

- UL Type A: plug & play compatible with almost all fluorescent ballasts (see ballast compatibility guide for more details).
- Compatible with FL ballasts that are 120-277VAC and 347-480VAC.

### DIMMING & EMG BALLAST COMPATIBLE

Intelligent circuit design allows this tube to be compatible with almost all FL dimming ballasts (both line voltage + low voltage types) as well as FL emergency battery ballasts including older models (see ballast compatibility guide for details).



### NEW 135LPW EFFICACY

Improved driver design, higher efficiency LED chips and high performance NANO lens.

### NEW WIDE 240° BEAM ANGLE

Perfect for either direct or direct/indirect applications.

### NEW G3 SMARTSENSE-TLED INTELLIGENT SAFETY SYSTEM

Faster installation with our new switch-less technology. This safety system prevents any risk of electricity flowing from one end of the tube and also prevents against "socket to lamp pin" electrical arcing.

### AVAILABLE IN 2FT, 3FT, 4FT

Available in multiple CCTs. Available in standard and HO outputs for the 4ft model only. For UBend - see RemPhos TOTALTUBE T8 G3.

### SUITABLE FOR DRY & DAMP LOCATIONS

### UL LISTED LED TUBE

(See ordering guide for DLC QPL part numbers)

### 5 YEAR STANDARD WARRANTY, L70 >100,000HRS

### OPTIONAL "BAA" BUY AMERICA ACT

Compliant models available, assembled in our state-of-the-art Middleton, MA assembly center. (BAA SECTION 1605 COMPLIANT)

**PLEASE NOTE:** When installing an LED tube with an existing or new fluorescent ballast, always confirm that: (1) the ballast is compatible with the LED tube by checking the ballast compatibility guide (2) the lamp holders utilized and the wiring diagram are correct for that specific fluorescent ballast, by checking the fluorescent ballast installation guide (for example, DO NOT use non-shunted sockets on instant-start ballasts (3) the lamp holders are in good working condition and are making contact with all of the LED tube pins (for example, DO NOT install an LED tube in a loose lamp holder where there is a visible air gap between the end of the LED tube and the lamp holder) so that there is no risk of arcing.

01.10.18 Information is subject to change without notice.

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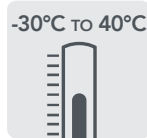
- PRO
- BASE
- SUPPLY
- CUSTOM



INSTALL METHOD



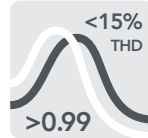
EFFICACY



OPERATING TEMP



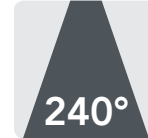
LENS



PWR FACTOR/THD



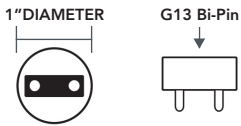
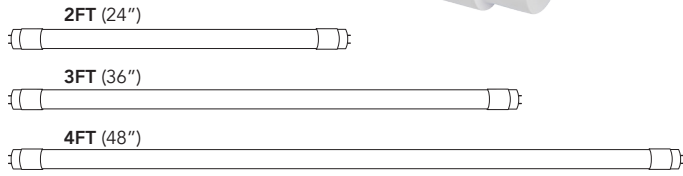
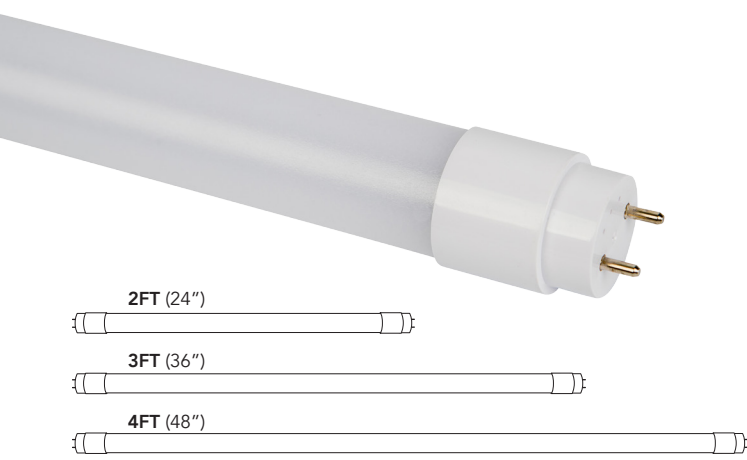
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BEAM ANGLE



RATED LIFE



SIMPLE PLUG & PLAY INSTALLATION (UL TYPE A)

DIMMING & EM FL BALLAST COMPATIBLE

NEW WIDE 240° BEAM ANGLE

NEW G3 SMARTSENSE-TLED INTELLIGENT SAFETY SYSTEM

AVAILABLE IN 2FT, 3FT AND 4FT LENGTHS

SUITABLE FOR DRY & DAMP LOCATIONS

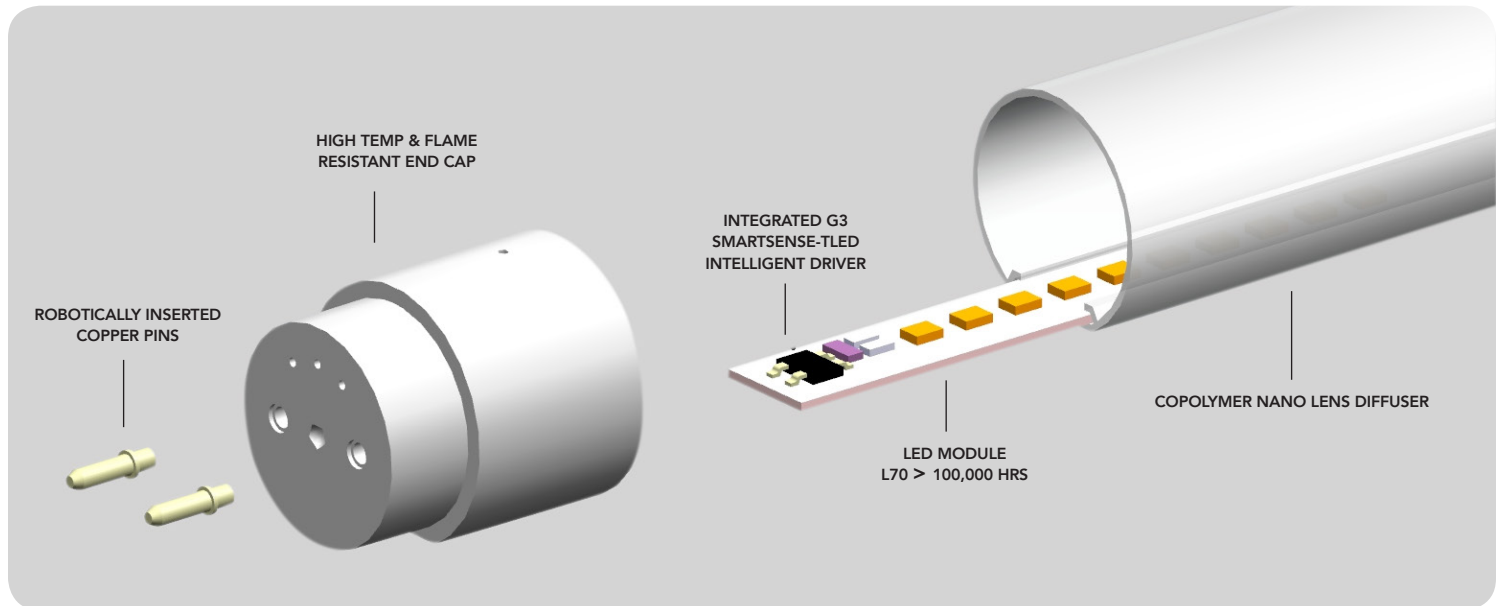
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OPTIONAL "BAA" BUY AMERICA ACT

NEW HIGH PERFORMANCE NANO LENS MATERIAL

NEW 135LPW EFFICACY DUE TO IMPROVED DRIVER DESIGN, HIGHER EFFICIENCY LED CHIPS AND HIGH PERFORMANCE NANO LENS.



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RemPhos • 877.997.3674 • www.remphos.com  
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**RemPhos**  
lighting on target

# BCTUBE T8 G3 UL TYPE A BALLAST COMPATIBLE & DIMMABLE

-  PRO
-  BASE
-  SUPPLY
-  CUSTOM

## PART NUMBER BUILDER

MFR	FAMILY	PRODUCT	GEN	SIZE	COLOR	VERSION	BAA
RPT	B	BCTUBE-T8	G3			A	

2FT 830=3000K/85CRI  
 3FT 835=3500K/85CRI  
 4FT 840=4000K/85CRI  
 4FTHO 850=5000K/85CRI

BLANK=NON-BAA  
 BAA=BAA SECTION  
 1605 COMPLIANT



### ORDERING EXAMPLE

RPT-B-BCTUBE-T8-G3-2FT-830-A

## ORDERING GUIDE

CASE QTY	ENERGY		PART #	WATTAGE (W) (BARE LAMP ONLY VALUES)	VOLTAGE RANGE (VAC)	WARRANTY (YRS)	TRADITIONAL EQUIVALENT
	STAR	DLC					
42		●	RPT-B-BCTUBE-T8-G3-2FT-8XX-A	12	Ballast only	5	17W FL
42			RPT-B-BCTUBE-T8-G3-3FT-8XX-A	12	Ballast only	5	25W FL
42		●	RPT-B-BCTUBE-T8-G3-4FT-8XX-A	12	Ballast only	5	32W FL
42		●	RPT-B-BCTUBE-T8-G3-4FTHO-8XX-A	14	Ballast only	5	32W FL

● DLC STANDARD ▲ DLC PREMIUM

## SYSTEM POWER AND LUMINOUS FLUX INFORMATION (WITH A BALLAST)

PART #	AVERAGE SYSTEM POWER (W)			AVERAGE LAMP FLUX (LM)		
	LOW BF (0.78)	NORMAL BF (0.88)	HIGH BF (1.10)	LOW BF (0.78)	NORMAL BF (0.88)	HIGH BF (1.10)
RPT-B-BCTUBE-T8-G3-2FT-8XX-A	13.5	14.5	16.5	1765	1885	2145
RPT-B-BCTUBE-T8-G3-3FT-8XX-A	13.5	14.5	16.5	1765	1885	2145
RPT-B-BCTUBE-T8-G3-4FT-8XX-A	13.5	14.5	16.5	1765	1885	2145
RPT-B-BCTUBE-T8-G3-4FTHO-8XX-A	15.5	16.5	18.5	2105	2145	2402

**NOTE** The average system power is calculated by measuring the average system wattage for a single LED tube including the ballast. Average system power was measured at 120V and 277V with multiple ballasts from Philips, Osram, GE, Keystone, Sunpark, Howard.

## DIMMING AND EMERGENCY OPERATION GUIDE

UL TYPE A

DIMMABILITY	YES (see ballast compatibility guide)
EMERGENCY OPERATION	YES (see ballast compatibility guide)

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