



**BRAMAL LED**

# 100/347 VAC tube solution

Replaces T8 & T12 tubes with direct 100 to 347 V connection

**4FT LED Tube - Lifetime of 50,000 hours, 5 year Warranty**

## The Bramal LED tube solution for direct AC connection – Type B

Building on the patented BRAMAL LED multi-purpose tube, we have developed a low-cost AC tube solution for eliminating energy-hungry ballasts and lowering the cost of commercial and industrial lighting. This new development remains consistent with the strict specification requirements of BRAMAL LED, with high quality, low power (12W), a 50,000-hour lifetime, familiar T8 form factor and only requiring a ballast bypass and no additional rewiring.

### FEATURES OF THE BRAMAL LED AC TUBE SOLUTION

- » **SUITABLE for direct connection on alternating current 100 to 347v** (see installation instructions for details)
- » **MINIMUM OPERATING TIME OF 50,000 HOURS.**
- » **VISUAL ANGLE OF 180 DEGREES FOR FROSTED TUBE - DLC Certified**
- » **LIGHTS UP INSTANTLY NO MATTER THE CLIMATE:** cold, hot or humid
- » **REDUCES ENERGY CONSUMPTION BY UP TO 50%** compared to conventional fluorescent lamps
- » **PRODUCES LESS HEAT:** ideal for applications in refrigerated or air-conditioned environments
- » **PLASTIC AND ALUMINIUM construction**
- » **ENVIRONMENTALLY FRIENDLY:** components are RoHS (do not contain lead mercury or cadmium), with zero persistent and volatile organic pollutants
- » **AVAILABLE FORMATS:** 3 & 4 FT



TEL.: 450-763-1443  
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## CHARACTERISTICS – LED-T8-4FT-100/347V-12-C-40K-1440

MODEL : T8 LED 4FT		CLEAR TUBE
Energy Consumption		12W
Input Voltage		100 VAC – 347 VAC
Waterproof		IP22
Load Factor / THD%		>0.95 / <15%
Light Efficiency	4000K	120 lm/w
	5000K	120 lm/w
Luminous Power	4000K	1440 lm
	5000K	1440 lm
Color Rendering Index (IRC)	4000K	>83
	5000K	>82
Standard Color Temperatures		4000K / 5000K
Light Flow Maintenance L <sub>70</sub>		97 %
Operating Ambient Temperature		-35 to + 65°C
Length (FACE TO FACE)		1200mm
Lifetime		50,000 hours
Warranty		5 years
Standard End cap		G13
Certifications		<u>cETLus</u> <u>DLC</u>

For more information, please send an email to [info@Bramalled.com](mailto:info@Bramalled.com) or call at 450-763-1443.

To place an order, please contact [PO@Bramalled.com](mailto:PO@Bramalled.com).

Please note that the values of the datasheet have a margin of +/- 3 %.

