



BRAMAL LED

Introducing the **8FT Tube solution**

Replaces all T8 and T12 Fluorescent tubes

Bramal LED tube solution for direct AC connection, 120Vac to 408Vac

FEATURES OF THE LED T10

- » **80,000 HOUR RATED LIFETIME**
- » **EQUIPPED WITH A UNIQUE INTERNAL CONSTANT CURRENT SOURCE[†]** ensuring proper electrical regulation over its entire lifespan
- » **VIEWING ANGLE OF 120 DEGREES WITH CLEAR OR FROSTED LENS**
- » **INSTANTLY STARTS IN ANY CLIMATE CONDITION:** cold, hot or humid
- » **SAVES UP TO 70% IN ENERGY CONSUMPTION** versus conventional fluorescents lamps
- » **GENERATES LESS HEAT:** ideal for refrigerated applications and air conditioned spaces
- » **MANUFACTURED WITH THERMOPLASTIC POLYMERS:** flexible, shatterproof and recyclable
- » **ENVIRONMENTALLY FRIENDLY:** components are RoHS (free of lead, mercury and cadmium), with zero persistent and volatile organic pollutants
- » **STANDARD SIZES AVAILABLE:** 2, 3, 4, 5, 6 & 8ft and metric versions of standard sizes
- » **CUSTOM SIZES AVAILABLE**
- » **UNIQUE BUILT IN SAFTY CIRCUIT – ALL PINS MUST BE CONNECTED FOR UNIT TO POWER UP**
- » **ONE SKU FITS ALL APPLICATIONS – NO MODIFICATION OR EXTERNAL DRIVERS REQUIRED**

[†] Patented Canadian Innovation – PATENT NUMBER 9,232,578



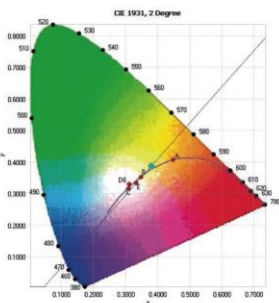
Tel: (450) 763-1443
BRAMALLED.COM



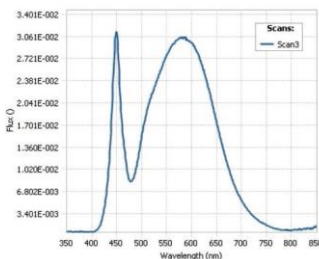
SPECIFICATIONS – LED-T10-8FT-XXXX-XXX

MODEL: 8' LED T-10		CLEAR LENS	FROSTED LENS
Power Consumption		32W	32W
Input Voltage		120, 208, 220, 240, 277, 347, 408 VAC	120, 208, 220, 240, 277, 347, 408 VAC
Operation Frequencies		40 Hz-200 kHz	40 Hz-200 kHz
Power Factor / THD% V/A		>0.95-0.99 / 0.5/5%	>0.95-0.99 / 0.5/5%
Luminous Efficiency (Bare Lamp)	3500K	124 lm/W	108 lm/W
	4200K	127 lm/W	111 lm/W
	5000K	131 lm/W	114 lm/W
	6500K	134 lm/W	117 lm/W
Light Output (Bare Lamp)	3500K	3968 lm	3456 lm
	4200K	4064 lm	3552 lm
	5000K	4192 lm	3648 lm
	6500K	4288 lm	3744 lm
Color Rendering Index (CRI)	3500K	80	
	4200K	80	
	5000K	80	
	6500K	80	
Standard Color Temperatures		3500K / 4200K / 5000K / 6500K	
Lumen Maintenance L70		97%	
Ambient Operating Temperature		20°C (-40 to +40°C)	
Length (FACE TO FACE)		93 1/10" or 2365mm	
Length (Pin to Pin)		93 11/16" or 2380mm	
Lifespan		80 000+ hours	
Warranty		5 years standard	
Construction		Thermoplastic polymers	
Certifications		C.S.A C22.2 – 1993, C22.2 – 250.0 TIL – 79 UL 1993, 1598, 1598C, 8750 NSF 2, 51, 169 (sanitation pending) FCC part 15 & 18	

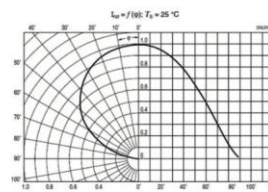
CIE 1931 CHROMATICITY DIAGRAM



SPECTRAL FLUX GRAPH



RADIATION CHARACTERISTIC



For More information contact info@Bramalled.com or call 450 763 1443

For Orders, please contact PO@Bramalled.com

Build your Bramal LED tube spec LED-T10-XXFT-(Metric)-XXXX-End cap G13 end cap)

Example LED-T10-8FT-4200-G13 (8FT, 4200k, with

*Note datasheet values subject to +/- 5% tolerance

Warning - not all ballasts are compatible with LED tubes, please read our disclaimer notice in the documents section of our site or contact our technical team for more information prior to installation.

