



BRAMAL LED
WWW.BRAMALLED.COM

Introducing the **3FT Tube solution**

Replaces all T8 and T12 Fluorescent tubes

Bramal LED tube solution for direct AC connection, 120Vac to 240Vac

FEATURES OF THE LED T10

- » **80,000 HOUR RATED LIFETIME**
- » **EQUIPPED WITH A UNIQUE INTERNAL CONSTANT CURRENT SOURCE[†]** ensuring proper electrical regulation over it's 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



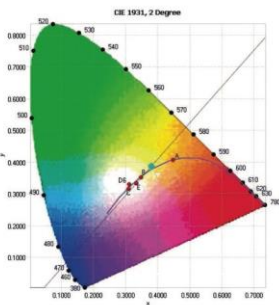
Tel: (450) 763-1443
BRAMALLED.COM



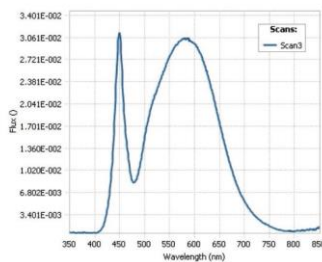
SPECIFICATIONS – LED-T10-3FT-XXXX-XXX

MODEL: 3' LED T-10		CLEAR LENS	FROSTED LENS
Power Consumption		12W	12W
Input Voltage		120, 208, 220, 240 VAC	120, 208, 220, 240 VAC
Operation Frequencies		40 Hz-60 Hz	40 Hz-60 Hz
Power Factor / THD% V/A		>0.95-0.99 / 0.5/5%	>0.95-0.99 / 0.5/4%
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
Light Output (Bare Lamp)	3500K	1488 lm	1296 lm
	4200K	1524 lm	1332 lm
	5000K	1572 lm	1368 lm
Color Rendering Index (CRI)	3500K	81	
	4200K	83	
	5000K	84	
Standard Color Temperatures		3500K / 4200K / 5000K	
Lumen Maintenance L70		97%	
Ambient Operating Temperature		20°C (-40 to +40°C)	
Length (FACE TO FACE)		35 1/10° or 892mm	
Length (Pin to Pin)		35 11/16° or 907mm	
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	

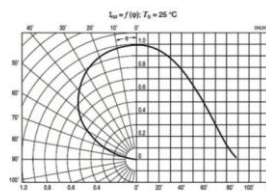
CIE 1931 CHROMATICITY DIAGRAM



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 Example LED-T10-4FT-4200-G13 (4FT, 4200k, with G13 end cap)

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.

