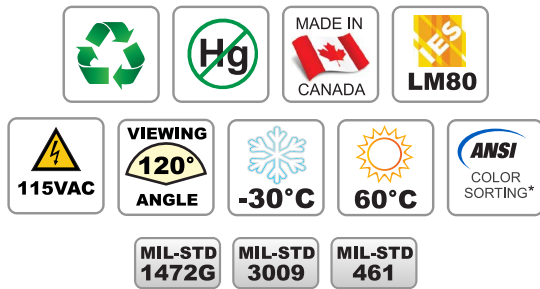




NSN: 6240-01-650-0055



HOW TO ORDER

DESCRIPTION: LED Replacement Lamp, 12", 4100K
ORDER CODE #: FLZ-T5-12

STANDARD FEATURES

- 12" length
- 4100K White LEDs
- 115VAC Operating Voltage
- Milk White Lens
- G5 Bi-Pin
- Direct replacement anywhere T5 fluorescent is used (replaces NSN: 6240-00-299-5546)

NOTES & PATENT INFORMATION

US Patent #7,307,391 8,115,411 8,791,650 9,179,513
Canada Patent #2,651,224 2,255,065 2,831,641
International Patents Pending
For complete and up to date patent information see our website

*Starter removed as, per MIL-DTL-16377/86A(SH)

DESCRIPTION

The LED lighting tube has been designed to work with conventional MIL-DTL-16377 T5 fluorescent fixtures in order to replace the short lived fluorescent lamps that are typically used in interior lighting. The LED tube works with a ballast. This lamp is suitable for use in all MIL-DTL-16377/7, /9, /14, /16, /17, /49, /59, /86 fixtures.

SPECIFICATIONS

- MIL-DTL-16377J compliant
- Operating Temperature: 77° F (25° C), Range -22° F (-30° C) to 130° F (60° C)
- Power Factor: 0.99 (without ballast)
- L80 60,000 Hours (based on TM21)
- Minimum 80 CRI, Typical 85 CRI (based on LM80 and ANSI 78.377-2008)
- Uniform color (based on LM80 and ANSI 78.377-2008)
- MIL-STD-461 Compliant (Navy RE101, RE102, CE101, CE102)
- Anti-Vibration compliant (MIL-STD-167-1A)
- V0 Rated Plastics (Smoke and Toxicity tested)

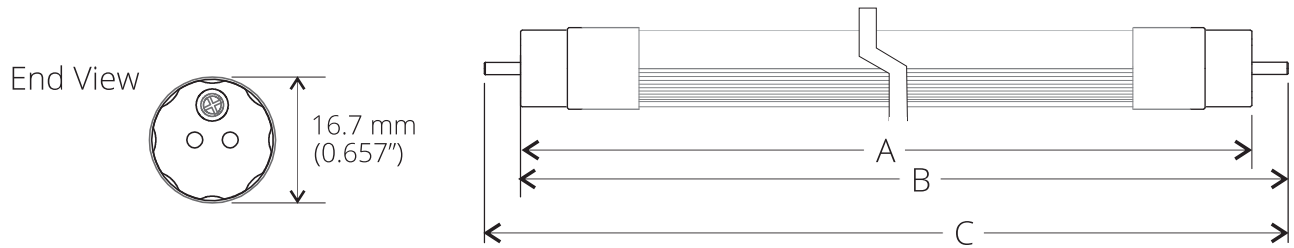
FEATURES

- Solid state lighting device, works well in harsh environments of hot or cold temperatures
- Instant on, no warm up time required
- Lasts 10 times longer than T5 fluorescent
- The extrusion acts as a heat sink to extend life of the LEDs
- Low EMI emissions
- Designed to replace conventional fluorescent lamps
- Lead and mercury free

ELECTRICAL STATS & OPERATING FUNCTIONS

TYPE	Nominal Length (inch)	Lens Type	TYPE	Input Voltage (AC Volts)			Input Current (Amp)			Luminous Intensity	Power Consumption	CRI
				MIN	TYP	MAX	MIN	TYP	MAX	4100K	TYP	TYP
FLZ	12	MILK WHITE	0-G	100	115	127	0.04	0.09	0.10	610	5	85

DIMENSIONS



Nominal Length	A (End to End)				B (Pin to End)				C (Pin to Pin)			
	INCH		MM		INCH		MM		INCH		MM	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
12"	-	11.3465	-	288.2	11.5276	11.6299	292.8	295.4	-	11.9094	-	302.5

ORDERING INFORMATION

SERIES	SIZE	END CAP	LENGTH	VOLTAGE	TYPE	WATTAGE	COLOR	LENS
FLZ	T5	G	12	115	0-G	8	41	S