



Borealis T8 LED Tube Lighting is an energy efficient replacement for traditional fluorescent tube lamps. The virtually unbreakable Borealis LED Tube eliminates the need for ballasts in any retrofit or new installation significantly reducing maintenance costs. The Borealis T8 tubes provide a high quality, uniform light and do not contain Mercury, UV or other hazardous substances so recycling costs associated with traditional tube lighting are eliminated.

Features:

- 50,000 hours of operating life
- No UV, Mercury or other hazardous substances
- Bi-Pin Available - Single Pin on custom orders only
- Shatterproof UV stabilized V1 rated carbon proof tube
- Tightly binned LED selection to ensure uniformity of color from tube to tube
- Clear and frosted tubes available
- Every tube serial numbered and in data base
- Suitable for refrigeration T8 applications (not freezers)
- 5 year warranty
- Power surge protection up to 1000V with automatic shut down

Specifications:

- 120° beam pattern
- LPW >90
- Power factor >0.94
- Operating temperature -15°C to +45°C
- Operating humidity 10%~70%

Certifications & Compliance:

- RoHS compliant
- Meets V1 flame rating
- ANSI/NF 2 Food service standard
- IES LM-79 tested. Independent laboratory
- UL File No.'s
 - E321474 – UL 1993 Self-Ballasted Lamps and Lamp Adapters
 - UL 8750 Light Emitting Diode (LED) Equipment for use in Lighting Products
 - E345269 – UL 153 Portable Electric Luminaires
 - UL 1598 Luminaires
 - UL 1598B Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires
 - E303143 – UL 879 Electric Sign Components

BOREALIS® T8 LED TUBE

T8 tubes are available in both frosted and clear finish.

Item	Correlated Color Temperature (CCT)	Watt	Comparable wattage	Luminous flux	CRI	Universal Voltage
2ft T8 tube	3000°K	10W	20W Fluorescent	800	80	100V – 277V _{AC}
2ft T8 tube	4100°K	10W	20W Fluorescent	900	80	100V – 277V _{AC}
2ft T8 tube	5000°K	10W	20W Fluorescent	990	80	100V – 277V _{AC}
4ft T8 tube	3000°K	18W	32W Fluorescent	1550	80	100V – 277V _{AC}
4ft T8 tube*	4000°K	18W	32W Fluorescent	1600	80	100V – 277V _{AC}
4ft T8 tube*	5000°K	18W	32W Fluorescent	1700	80	100V – 277V _{AC}
5ft T8 tube	3000°K	24W	40W Fluorescent	2000	80	100V – 277V _{AC}
5ft T8 tube	4100°K	24W	40W Fluorescent	2200	80	100V – 277V _{AC}
5ft T8 tube	5000°K	24W	40W Fluorescent	2350	80	100V – 277V _{AC}
8ft T8 tube	3000°K	36W	65W Fluorescent	3300	80	100V – 277V _{AC}
8ft T8 tube	4100°K	36W	65W Fluorescent	3500	80	100V – 277V _{AC}
8ft T8 tube	5000°K	36W	65W Fluorescent	3700	80	100V – 277V _{AC}

* The US Department of Energy Lighting Facts Program has verified product performance based on industry standard testing. For details see PolyBrite International model #LEDT8C-4000K-277V, LEDT8C-5000K-277V at www.lightingfacts.com/products.



BOREALISSM
INNOVATIVE LED LIGHTING

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