

## LED T8 Retrofit/Conversion Luminaire Series

CLASS: LED.T8.277VAC

cULus, CE and RoHS  
Certified

Release Date: 2010.09.01

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### GENERAL INFORMATION:

This new LED light tube is a versatile alternative to conventional fluorescent lighting. Our LED T8 Series tubes offer a variety of colour temperatures in two different energy saving wattages.

It can be used in lighting retrofits, conversions or in new lighting installations to provide a superior and more effective lighting.

This tube does **NOT** require a ballast and therefore installation procedures must be followed accordingly.



### BENEFITS:

- Reduction in overall lighting power consumption
- Environmentally Friendly: No Mercury, Phosphorous or Toxic Gases
- No "Hum" or "Flicker"
- 50,000 – 80,000 hours of operation
- Easy Installation
- SMD Circuitry
- UL and CUL Approved
- Designed and Developed in Canada



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### Specifications:

Model:	LED.T815W3200	LED.T815W4500	LED.T815W6500	LED.T820W3200	LED.T820W4500	LED.T820W6500
Length	1,200mm (48")					
Watts	15W (±1W)			20W (±1W)		
LED (SMD) Quantity	240			300		
Input Voltage VAC	250-297					
LED Operating Voltage VDC	45-50					
Input Current AC	60mA(±10mA)					
Luminance(Lumens)	1,200+			1,700+		
Short Current	10mA					
Power Factor	0.9					
Work Humidity	≤ 85%					
Colour Rendering Index	85					
Power Consumption	15W (±1W)			20W (±1W)		
Colour Temperature	3,200K (± 500K)	4,500K (± 500K)	6,500K (± 500K)	3,200K (± 500K)	4,500K (± 500K)	6,500K (± 500K)
Working Temperature	-25°C to 55°C					
Storage Temperature	-25°C to 55°C					
Active Tube Temperature	-25°C to 50°C					
Luminous Flux (@ 1m)	350 lux			500 lux		
Luminous Efficacy	+85 lm/W			+94 lm/W		
Mcd (per LED)	1,800-1,900 MCD					
Operating Frequency	50/60 Hz					
Colour Co-ordinates	X0.3215 Y0.3323					
Life Span (hours)	>50,000					
Light Casting Angle	120°					

### Site Install Examples:

