



T8 LED INDUSTRIAL LIGHTING SPECIFICATION SHEET


Total System Solutions

T8 LED Lighting

T8 LED Lighting from J&D Manufacturing is a cost-effective, energy-efficient light source that can be easily installed in any new or retrofit application. The super bright LED chips produce up to 2,250 lumens per tube in a pleasing neutral daylight color. Increase your payback and production by using J&D LED Lighting for your dairy long-day lighting practices. T8 LED Lighting is also an excellent choice for other types of livestock and agricultural buildings, manufacturing facilities, warehouses, shipping docks, and gymnasiums.



Luminaire Features

- Fixtures UL certified for wet locations (File # E470542) 
- Available in 4', 8' or 2x4' configurations
- No ballasts to replace or repair
- Standard models are wired with 2-circuits which allow the fixture to be wired enabling the powering down to only one tube at 0.20 amps per fixture, a cost saving "safety/night light" feature. *Fixture may also be rewired to only 1-circuit at time of installation.*
- Does not create RF (radio frequency) interference that can hinder livestock tracking tags/collars, cell phones, wireless remotes, or two-way radios
- Does not emit UV (ultraviolet) or IR (infrared) radiation
- Power surge protection up to 1,500V with automatic shut down
- Suitable for refrigeration applications
- Save up to 90% versus incandescents, or up to 70% versus fluorescents
- **5 Year Warranty**
(Contact J&D for complete warranty details)

Luminaires UL Certified For Wet Locations!

2 Tube - 4' Fixture



3 Tube - 4' Fixture



1 Tube - 8' Fixture



6 Tube - 8' Fixture



4 Tube - 2x4' Fixture



6 Tube - 2x4' Fixture (High Bay)



⚠ WARNING: This product can expose you to chemicals including chromium, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov/product.

www.jdmfg.com



#2 Chootoo Road, South Aranguez, San Juan, Trinidad



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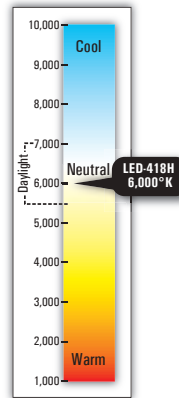
T8 LED Lighting

Enclosure Features

- Choose either clear or frosted/crepe acrylic lens
- IP 65 rated against dust particles and pressure washers from any direction

LED Tube Features

- Clear rotatable 4' long tubes
- Full-intensity instant startup with no humming or flickering, even at cold temperatures
- Minimum 60,000 hours of operation life
- Internal driver
- Safe for animal and human eyes (*EN62471 tested*)
- Shatterproof UV-stabilized, V1-rated polycarbonate tubes
- Uses high-efficiency, super bright LED chips rated at 125 lumens per watt
- Tightly binned LED selection for color uniformity from tube to tube
- Cool to the touch; lowest heat emission of standard lighting
- Environmentally friendly – no mercury or other hazardous substances; eliminates costly recycling fees associated with fluorescent tubes



LED Tube Specifications

- T8, 18W, 110-277V, G13 base
- Lumens: > 2,250
- Lumens per Watt (lm/W): > 125
- Color Rendering Index (CRI): > 82
- Beam angle: 120°
- Power factor: > 0.99
- Total Harmonic Distortion (THD): < 24%
- Operation temperature: -20°F to 130°F (-28°C to 54°C)
- Operation humidity: 10% - 70%

LED Tube Certifications

- UL approved (*File # E359465*)
- RoHS compliant **RoHS** COMPLIANT
- ANSI/NF 2 Food Service Standard
- Meets V1 flame rating



Clear Tubes 6,000°K			# of LED Tubes	Volts	Amp	Hz	Lumens / NL
LEDG-2-4	LEDGF-2-4	4'	2	110-277	0.41	50/60	4,441 / 2,250
LEDG-3-4	LEDGF-3-4	4'	3	110-277	0.61	50/60	6,558 / 2,250
LEDG-4-8	LEDGF-4-8	8'	4	110-277	0.81	50/60	10,723 / 2,250
LEDG-6-8	LEDGF-6-8	8'	6	110-277	1.21	50/60	14,389 / 2,250
LEDG-4-24	LEDGF-4-24	2 x 4'	4	110-277	0.81	50/60	8,611 / 2,250
LEDG-6-24	LEDGF-6-24	2 x 4'	6	110-277	1.21	50/60	12,969 / 2,250
LED T8 Replacement Tube							
LED-418H	4' Rotatable		1	110-277	0.20	50/60	2,250

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