


## 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 2,300 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
- 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.*
- No ballasts to replace or repair
- 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)



2 Tube - 4' Fixture



3 Tube - 4' Fixture



4 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](http://www.P65Warnings.ca.gov/product).

Due to our continual effort to provide the best products available and adhere to market conditions; literature, products, prices and availability are subject to change without notice.

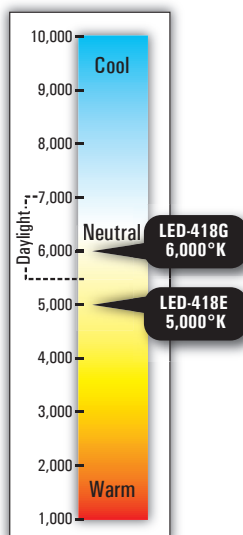
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### Enclosure Features

- 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 over 127 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: > 2,300
- Lumens per Watt (lm/W): > 127
- Color Rendering Index (CRI): > 75
- Beam angle: 120°
- Power factor: > 0.97
- 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

### Rotatable



Clear Tubes				Fixture	# of LED Tubes	Volts	Amp	Hz	Lumens / NL
5,000°K		6,000°K							
Clear Lens	Frosted Lens	Clear Lens	Frosted Lens						
LEDA-2-4	LEDAF-2-4	LEDG-2-4	LEDGF-2-4	4'	2	110-277	0.41	50/60	4,441 / 2,300
LEDA-3-4	LEDAF-3-4	LEDG-3-4	LEDGF-3-4	4'	3	110-277	0.61	50/60	6,558 / 2,300
LEDA-4-8	LEDAF-4-8	LEDG-4-8	LEDGF-4-8	8'	4	110-277	0.81	50/60	10,723 / 2,300
LEDA-6-8	LEDAF-6-8	LEDG-6-8	LEDGF-6-8	8'	6	110-277	1.21	50/60	14,389 / 2,300
LEDA-4-24	LEDAF-4-24	LEDG-4-24	LEDGF-4-24	2 x 4'	4	110-277	0.81	50/60	8,611 / 2,300
LEDA-6-24	LEDAF-6-24	LEDG-6-24	LEDGF-6-24	2 x 4'	6	110-277	1.21	50/60	12,969 / 2,300
Replacement Tubes									
LED-418E	LED T8 Tube, 4' Rotatable, Clear, 5,000 K				1	110-277	0.20	50/60	2,300
LED-418G	LED T8 Tube, 4' Rotatable, Clear, 6,000 K				1	110-277	0.20	50/60	2,300

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