

Model #

28C-4-18-40K-DR

Platinum Series Tube Light

TITAN LED LIGHTING SOLUTIONS

# 18 Watt 4 Foot Linear Tube Light

HAND CRAFTED IN AMERICA

## Specifications - Light Output

Total Lumen Output:  
2,353 lm (Natural White Clear)  
Kelvin: Natural White (4,000K)  
CRI: 85  
Lighting Angle: 120°

## Specifications - Electrical

Wattage: 18 Watts  
Voltage: 120V A/C  
Power Factor: 0.99  
THD : 7% @ 120V  
Dimming : No  
Efficacy : 136 LPW  
Insitu. Diode temperature: 44.4°C  
Max. Ambient Peak temperature:  
-40 to 149°F / -40 to 65°C

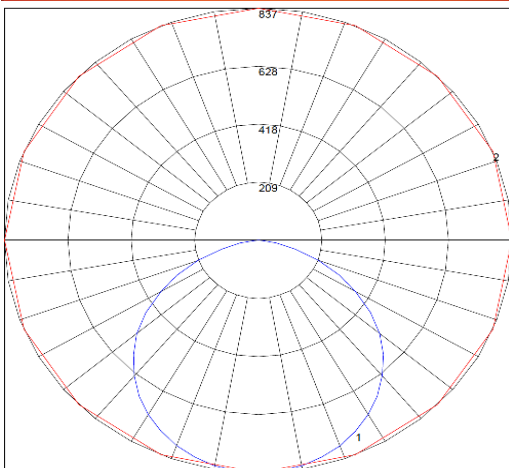
## Specifications - Mechanical

LED Count: 99 Mid Power  
Lumileds Luxeon 2835L Diodes  
Dimensions: 47-1/2" L x 1-1/16" W x 3/4" H  
Net Weight: .9 lbs / 0.4 kg  
Ultra Durable, Vibration and Shock Resistant  
Polycarbonate Lensing Clear  
No Flickering, No Noise, No Ultra Violet Emission  
No Hazardous Mercury or Toxic Chemicals  
Extruded USA 6063 Aluminum Heat Sink  
Over 96 Percent Recyclable  
Proprietary locking D/C Connector  
Proprietary Blue ABS End Caps  
Non Conductive Dura Flex ABS Single Pin & Bi-Pins  
Replaces 40 Watt Fluorescent Tube Light

## Compatible with Driver SKU's

- # 17-1CH-DR500-ND
- # 17-2CH-DR500-DIM
- # 17-3CH-DR500-DIM
- # 17-4CH-DR500-DIM

## Polar Graph



Maximum Candels = 836.72 Located At Horizontal Angle = 0, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)



The Titan LED wirewhip is (Shown Below) required for driver connection and included with each tube.



5 YEAR WARRANTY

65,000 RATED HOURS

**NOTICE: This lighting device Utilizes an External Driver!**  
Titan LED Tubes use a specifically engineered external LED driver to operate. Providing clean, surge protected, IC monitored constant current power is crucial to the longevity of the light emitting diodes.



## Increased Safety

- Ideal for illuminating Retail Space, Offices, Classrooms, Garages, Warehouses, Etc.
- Simple and Secure Retrofit Installation with Industry Standard Fixtures
- Improved Natural White Color and Increased Light Levels Improve Safety and Visibility

## Improved Maintainability

- Lowers Cost of Ownership - Pays Back Purchase Amount with Energy Savings
- Industry Leading Low LED Junction Temperature
- Heavy Gauge 6063 Aluminum Heat Sink
- Environmentally Friendly, No Toxic Gasses, Chemical Free, Over 95% Recyclable
- Typically Reduces Energy Consumption 50 - 70% Over Fluorescent Tubes
- Noise Free, Instant On - Off Operation, No Flickering, No Warm Up Time
- Lumileds Luxeon 2835L Diodes
- L-70 Rated at Over 65,000 Lifetime Hours DOE TM-21
- Quickly Go Green and Greatly Reduce Carbon Footprint

## Power Supply (Driver) Required

- The Driver that supplies power to this product is Not Included