

# Titan LED Tube High Output Driver

# TITAN LED

LIGHTING SOLUTIONS

## 40 Watt 2 Channel Driver

Designed to be used exclusively with the Titan LED Hennessy and Platinum Series 4 foot Linear Tube Light

Model SKU #'s

**17-2CH-DR500-DIM**

Specifications -

Output Current: 2 X 500mA  
Output Voltage: 30-40V  
Input Current: 0.33A  
Inrush Current: 60A  
Type: Constant current  
Current Accuracy: 5%  
Output Channels: 2 - NEC Class2  
Maximun Output: 41 Watts  
Power Factor: 0.9  
Input Voltage 100 - 277V AC  
Ripple Voltage: 4.5V  
AC Input Current: 0.16A @ 115V AC  
Input Frequency: 50/60 Hz  
Efficiency: 86%  
THD: 19.8%  
Protections-  
Over Voltage: Protection to 280V AC  
Short Circuit: Automatic recovery  
Open Circuit: Open circuit voltage <50V  
Operating Temperature: -25°C - +50°C  
Working Humidity: Relative 20 - 85%  
EMC: Complies with EN55015, EN61000-3  
FCC Part 15B, EN61000 4-11, EN61547  
Insulation Resistance: I/P-O/P:3.75K Vac  
Rated Hours: 102,000  
Warranty: 5 Year Limited

Specifications - Mechanical

IP-20 Rated  
Dimming Capabilities: 0-10v Low Voltage  
Dimensions: 8.4"L x 1.6"W x 1.2"H  
Weight: 1.3 lbs / 0.41 kg  
Startup Time: 0.5 Seconds  
Non-Conductive Sealed Mini Plastic Housing  
Titan Tube Quick Clip Locking Connector  
Mounting: 4 - 1/8" Eyelets two on each end  
Active Power Factor Correction.  
FCC Compliance  
RoHS Compliance  
EMC Compliance  
Silent No Noise Operation



**102,000**  
RATED HOURS

**5** YEAR  
WARRANTY

Intended to power these Titan LED Tube Light Products:

### Platinum Series

28C-4-18-40K-DR  
28F-4-18-40K-DR  
28D-4-18-40K-DR  
28C-4-18-50K-DR  
28F-4-18-50K-DR  
28D-4-18-50K-DR

### Hennessy Series

17C-4-17-40K  
17F-4-17-40K  
17D-4-17-40K  
17C-4-17-50K  
17F-4-17-50K  
17D-4-17-50K



### High Efficiency

- Dual Channel, Isolated, Class 2, Constant Current, 2x18W Output
- Simple and Safe Power for Specific Titan LED Tube Lights
- Replace Old Tube Ballast Technology with Efficient Titan LED Tube light Drivers

### Improved Maintainability

- Lowers Cost of Ownership - Pays Back Purchase Amount with Energy Savings
- Direct Constant Current with Active Power Factor Correction
- Sealed Metal Driver Housing
- Environmentally Friendly, No Hazardous Material, Chemical Free, 80% Recyclable
- Typically Reduces Energy Consumption 60 - 70% Over Fluorescent Tube Ballast
- Noise Free, Instant On - Off Operation, No Flickering, No Warm Up Time
- Class 2 with Short Circuit and Open Citcuit Protection
- IP66 Rated for Water and Dust
- RoHS and FCC Compliance

### Titan LED Locking Connectors

- Titan LED Locking Quick Connector for use with Titan LED \*Power Supply

\* Titan LED Locking Power Supply Whips are required to connect Titan LED Specific Tube lights and ship with all Titan LED tubes.