

**DIMMING, TYPE  
TL RATED**

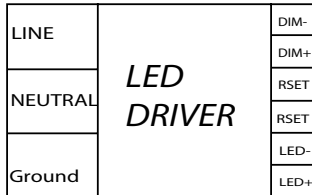
**ELECTRICAL SPECIFICATIONS:**

Output Power	Input Power	Input Current	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Minimum Starting Temp	Efficiency Up To	Dimming Protocol	Dimming Range
40W	47W @ 347V	0.14A @ 347V	>0.9	<20%	28 to 36V	600 to 1100mA±5%	90° C	-40° C	84%	0 to 10V	10 to 100%

**WIRING:**

**INPUT**

(BLACK) LINE  
(WHITE) NEUTRAL  
(GREEN) Ground



**OUTPUT**

DIM- (GRAY)  
DIM+ (PURPLE)  
RSET (GRAY)  
RSET (GRAY)  
LED- (BLUE)  
LED+ (RED)

**PHYSICAL:**



**Dimensions**

Length	12.4"
Width	1.3"
Height	1.1"
Mounting Length	11.8"

**RSET TABLE**

RSET (Ω)	Iout (mA)	RSET (Ω)	Iout (mA)
>100K	1100	6.8K	670
100K	1100	5.1K	590
51K	1050	3.9K	520
30K	1000		
15K	880		

Tref Max Value (°C)	Tc/Tref Value (°C)	Ta/Value (°C)
82	66	40

**SAFETY:**

- UL and cUL certified
- UL1310 Class 2
- Class A sound rating
- Overload Protection
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of ≤75°C
- LED driver has a life expectancy of 100,000 hours at Tcase of ≤65°C
- Warranty: 5 yrs based on max case temp of <75°C; 3 yrs based on max case temp of 90°C\*
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (2 KV)

**INSTALLATION:**

- IP 66 Harsh Weatherproof
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded
- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned stranded copper lead-wires are required for installation



\*AC Electronics/AC LED Power Designs warrants to the purchaser that each LED Driver will be free from defects in material or workmanship for a period of 5 years when operated at max case temp of up to <75°C; 3 years from date of manufacture when operated at a max case temp of up to 90°C when properly installed and under normal conditions of use. See [aceleds.com](http://aceleds.com) for complete warranty policy.

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Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

