

# PRELIMINARY SPEC



## Switch-Hitter

Constant Current LED Driver

### Model Number AC-60CDI.4ATPY

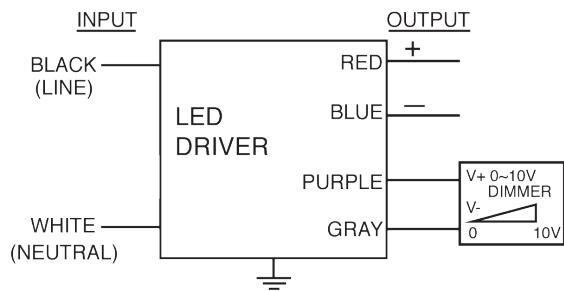
Input Voltage: 120-277V  
Input Frequency: 50/60Hz  
Side Mount/Leads

**MULTI-CURRENT SWITCHING AND DIMMING**

#### ELECTRICAL SPECIFICATIONS:

Output Power Max.	Input Power	Input Current	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Max.	Minimum Starting Temp.	IP Rating	Efficiency Up To	Dimming Protocol	Dimming Range
60W	72W @ 120V 71W @ 277V	0.6A @ 120V 0.26A @ 277V	>0.95	<20%	30-43V	1400mA±5%	90° C	-40° C	64	84%	0 to 10V	10 to 100%
45W	55W @ 120V 54W @ 277V	0.46A @ 120V 0.2A @ 277V	>0.95	<20%	30-43V	1050mA±5%	90° C	-40° C	64	83%	0 to 10V	10 to 100%
30W	37W @ 120V 36W @ 277V	0.31A @ 120V 0.13A @ 277V	>0.95	<20%	30-43V	700mA±5%	90° C	-40° C	64	83%	0 to 10V	10 to 100%

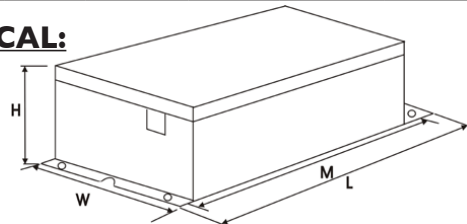
#### WIRING:



#### Lead Lengths

Black	5.9"	Blue	5.9"	Purple	5.9"
White	5.9"	Red	5.9"	Gray	5.9"

#### PHYSICAL:



#### Dimensions

Length	6.77"
Width	2.4"
Height	1.22"
Mounting Length	xxx
Weight	xxx lbs.
Case Qty.	xxx pcs.

#### SAFETY & PERFORMANCE:

- 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)
- Class A sound rating
- No PCBs

#### INSTALLATION:

This driver is NOT recommended for use in theater lighting applications.

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

\*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.

