

# Switch-Hitter™

## Constant Current LED Driver

### Model Number AC-40C500UV-DSC

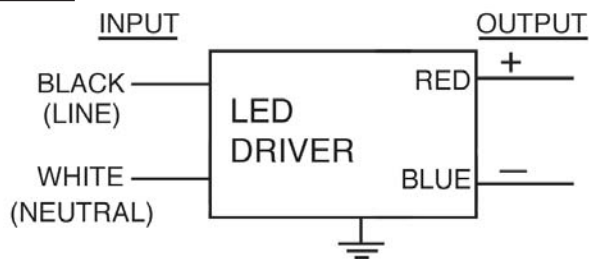
Input Voltage: 120-277V  
Input Frequency: 50/60Hz  
Side Mount/Leads

**MULTI-  
CURRENT SWITCHING**

#### 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.	Efficiency Up To
40W	50W	0.42A @ 120V 0.18A @ 277V	>0.95	<20%	60-80V	500mA±5%	90° C	-40° C	87.5%
28W	37W	0.23A @ 120V 0.1A @ 277V	>0.9	<20%	60-80V	350mA±5%	90° C	-40° C	85%

#### WIRING:



#### Lead Lengths

White	5.9"
Black	5.9"
Red	5.9"
Blue	5.9"

#### PHYSICAL:



#### Dimensions

Length	12.8"
Width	1.34"
Height	1.14"
Mounting	12.5"
Weight	lbs.
Case Qty.	30 pcs.

#### SAFETY & PERFORMANCE:

- UL and cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/I05C 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.

**RoHS**  
COMPLIANT  
LEAD-FREE