

MULTI-CURRENT SWITCHING AND DIMMING

Constant Current LED Driver

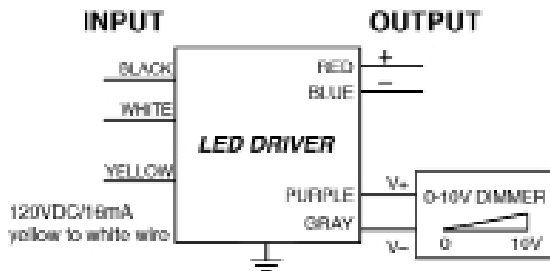
**Model Number
AC25CDI.05ATEAR**

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

ELECTRICAL SPECIFICATIONS:

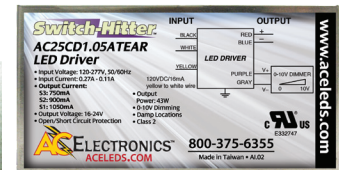
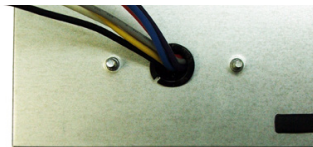
Output Power Max.	Input Power	Input Current	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Max.	Min Start-Temp.	Efficiency Up To	IP Rating	Dimming Protocol	Dimming Range
25W	32W @ 120V 32W @ 277V	0.27A @ 120V 0.11A @ 277V	>0.9	<20%	16-24V	1050mA±5%	90° C	-40° C	80%	64	0 to 10V	10 to 100%
21W	26W @ 120V 26W @ 277V	0.22 @ 120V 0.1A @ 277V	>0.9	<20%	16-24V	900mA±5%	90° C	-40° C	80%	64	0 to 10V	10 to 100%
18W	23W @ 120V 23W @ 277V	0.2A @ 120V 0.09A @ 277V	>0.9	<20%	16-24V	750mA±5%	90° C	-40° C	80%	64	0 to 10V	10 to 100%

WIRING:



Lead Lengths	Brown	5.9"	Yellow	5.9"	
Black	5.9"	Blue	5.9"	Purple	5.9"
White	5.9"	Red	5.9"	Gray	5.9"

PHYSICAL:



Dimensions

Length	5.3"
Width	2.9"
Height	1.18"
Weight	lbs.
Case Qty.	30 pcs.

SAFETY & PERFORMANCE:

- UL and cUL Recognized, Class 2
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- Overload Protection
- IP64
- 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 years based on max case temp of 90°C*
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (3 Kv)

INSTALLATION:

- LED drivers shall be installed inside UL approved 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 shall 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 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.

