PRELIMINARY SPEC

AC LED POWER DESIGNS

Switch-Hitter™

Model Number
AC-150CD3.0UVTS

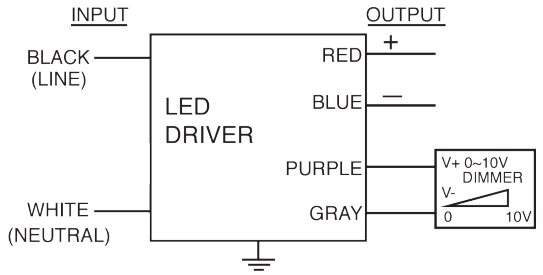
Type: Constant Current LED Driver
Input Voltage: 120-277V
Input Frequency: 50/60Hz

MULTI-CURRENT SWITCHING AND DIMMING

ELECTRICAL SPECIFICATIONS:

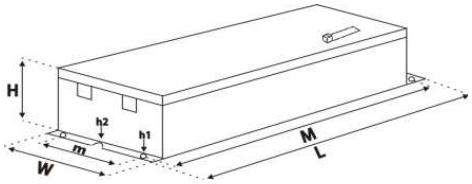
Output Power Max.	Input Power	Input Current	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Max.	Minimum Starting Temp.	Efficiency Up To	Dimming Protocol	Dimming Range	IP Rating
150W	169W	1.48A @ 120V 0.62A @ 277V	>0.95	<20%	30-50V	3000mA±5%	90° C	-40° C	89%	0 to 10V	10 to 100%	66
100W	119W	1A @ 120V 0.44A @ 277V	>0.95	<20%	30-50V	2000mA±5%	90° C	-40° C	84%	0 to 10V	10 to 100%	66
50W	69W	0.6A @ 120V 0.26A @ 277V	>0.95	<20%	30-50V	1000mA±5%	90° C	-40° C	73%	0 to 10V	10 to 100%	66

WIRING:



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

PHYSICAL:



Dimensions	
Length	9.5"
Width	2.4"
Height	1.6"
Mounting Length	8.9"
Weight	lbs.
Case Qty.	pcs.

SAFETY & PERFORMANCE:

- Class A sound rating
- No PCBs
- 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 (2 KV)

INSTALLATION:

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

RoHS COMPLIANT LEAD-FREE

*A.C.E. 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 90°C when properly installed and under normal conditions of use. See www.aceleds.com for complete warranty policy.

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