

TYPE TL RATED

Constant Current LED Driver

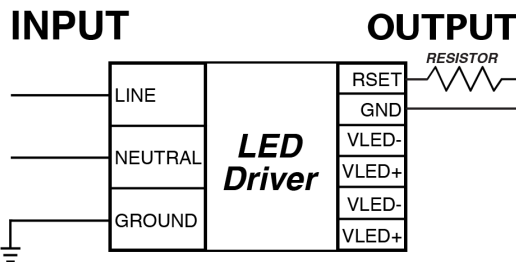
Model Number
AC-D54CI.5ARDM

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

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. Starting Temp.	Efficiency Up To
54W	63W	0.58A @ 120V 0.25A @ 277V	>0.95	<10%	28-36V	1000mA - 1500mA	90°C	-40°C	>86%

WIRING:



RSET TABLE

RSET (Ω)	Iout (mA)	RSET (Ω)	Iout (mA)
>4.7K	1500	2.1K	1000
4.7K	1500	1.8K	900
3.9K	1400	1.3K	730
3.3K	1300	1.0K	600
2.7K	1160		

PHYSICAL:



Dimensions

Length	12.4"
Width	1.3"
Height	1.1"
Mounting Length	11.8"
Weight	1.1 lbs.
Case Qty.	30 pcs.

Tref Max Value (°C)	Tc/Tref Value (°C)	Ta/Value (°C)
89	71	40

SAFETY & PERFORMANCE:

- UL Recognized US
- cUL LVLE
- UL Outdoor Type I
- 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 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/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 for complete warranty policy.



3401 Avenue D, Arlington, TX 76011 • 800-375-6355 • www.aceleds.com

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.

