

Model Number
AC-54CDI.5BRMA

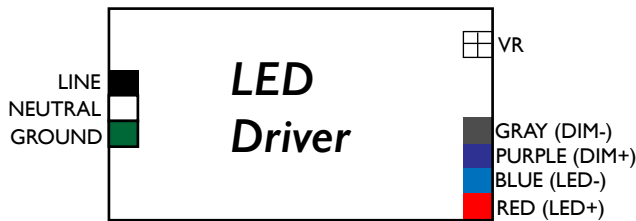
Input Voltage: 347Vac
Input Frequency: 50/60Hz
Side Mount

**DIMMING, TYPE
TL RATED**

ELECTRICAL SPECIFICATIONS:

Output Power	Input Power	Input Current	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Minimum Starting Temp	Efficiency Up To	IP Rating	Dimming Protocol	Dimming Range
54W	62W	0.21A @ 347V	>0.9	<20%	28 to 36V	1000 to 1500mA±5%	90° C	-40° C	87%	30	0 to 10V	1 to 100%

WIRING:



Quick Start Feature modified to 0.8 second turn on delay
VR: Control Io: 1.0-1.5A

PHYSICAL:



Dimensions	
Length	12.4"
Width	1.34"
Height	1.08"
Mounting Length	11.8"

Tref Max Value (°C)	Tc/Tref Value (°C)	Ta/Value (°C)
82	66	40

SAFETY:

- UL and cUL,
- UL Outdoor Type I,
- Class A sound rating
- Overload Protection
- 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 (3 KV)

INSTALLATION:

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



*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.

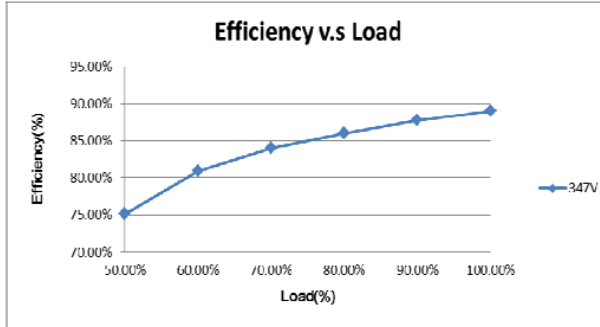
3401 Avenue D, Arlington, TX 76011 • 800-375-6355 • www.aceleds.com

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.

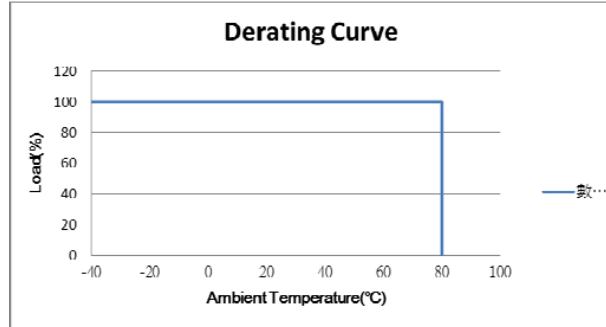


Performance Characteristics

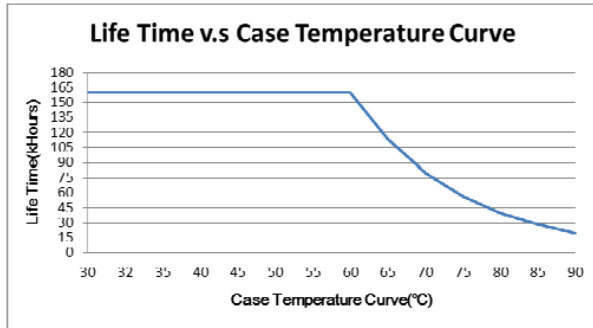
Efficiency V.S. Load



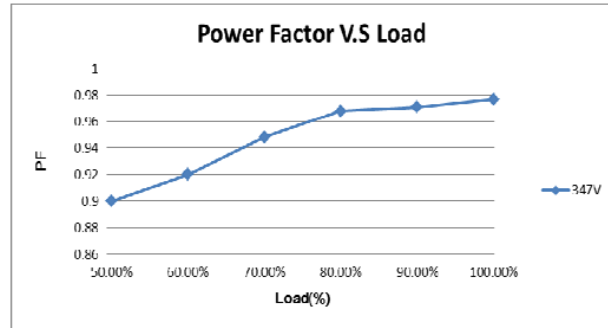
Derating Curve



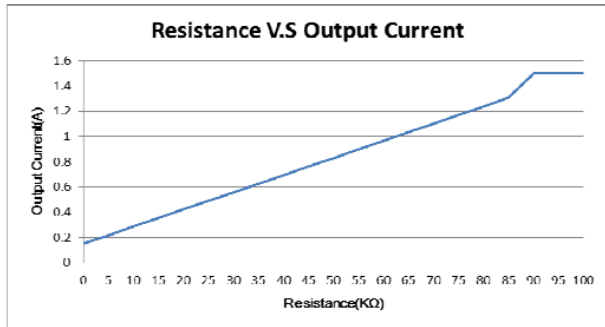
Life Time Curve



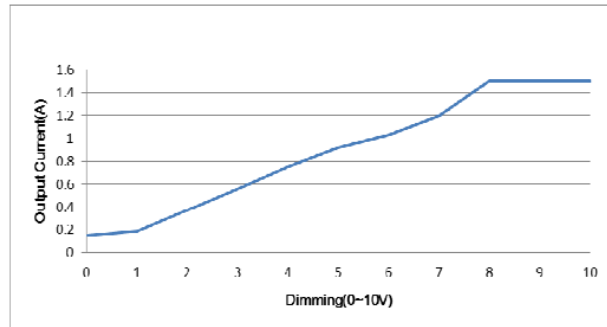
Power Factor V.S. Load



Resistance V.S. Output Current



Dimming Characteristic



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.