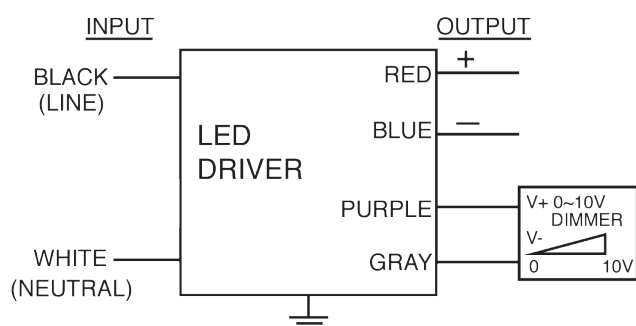


- ✓ **MULTI-CURRENT SWITCHING & DIMMING**
- ✓ **XICATO APPROVED**

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	IP Rating	Dimming Protocol	Dimming Range
50W	60W @ 120V 58W @ 277V	0.5A @ 120V 0.22A @ 277V	>0.90	<20%	33-48V	1050mA±5%	90° C	-40° C	86%	64	0 to 10V	10 to 100%
34W	40W @ 120V 41W @ 277V	0.35A @ 120V 0.15A @ 277V	>0.90	<20%	33-48V	700mA±5%	90° C	-40° C	85%	64	0 to 10V	10 to 100%
24W	28W @ 120V 29W @ 277V	0.25A @ 120V 0.11A @ 277V	>0.90	<20%	33-48V	500mA±5%	90° C	-40° C	84%	64	0 to 10V	10 to 100%

WIRING:



Lead Lengths

Black	5.9"	Blue	5.9"	Purple	7.1"
White	5.9"	Red	5.9"	Gray	7.1"

Driver Option:

- 12V Output Tap Wire (AC50CD1.05UVTTS)
- (AC50CD1.05ATECD)

- 10% dimming, Dim-To-Off and 1%
- 10Kv Surge Protection

SAFETY & PERFORMANCE:

- UL US Class 2
- 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 (3 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 www.aceleds.com for complete warranty policy.



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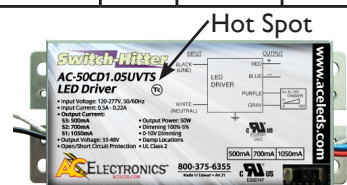
Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

Model Number AC-50CD1.05UVTS AC50CD1.05ATBCD AC50CD1.05UVTTS

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

PHYSICAL:

Side Mount
Model Number:
AC-50CD1.05UVTS

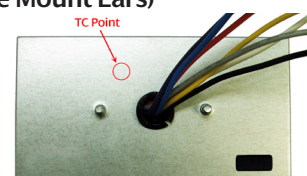


Dimensions

Length	6.50"	Mounting Length	5.90"
Width	2.90"	Weight	0.83 lbs.
Height	1.18"	Case Qty.	40 pcs.

Bottom Mount Option Model Number:
AC50CD1.05ATBCD (No Side Mount Ears)

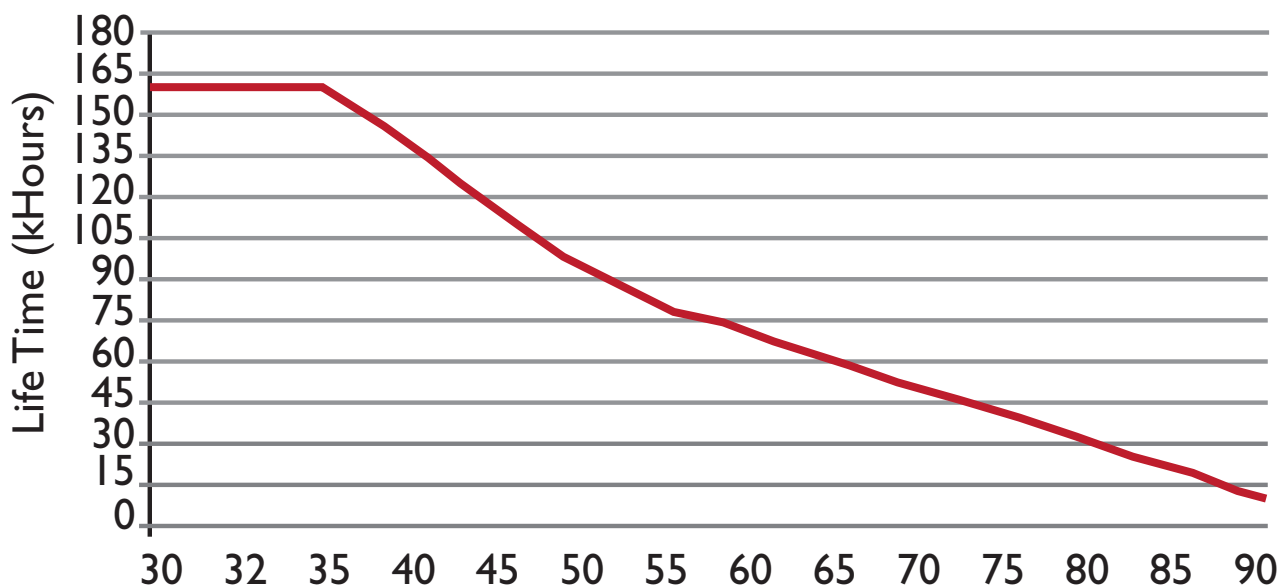
Length	5.31"
Width	2.90"
Height	1.18"
Length to Stud	2.00"



Consult Factory for model number
and form factor

Performance Characteristics

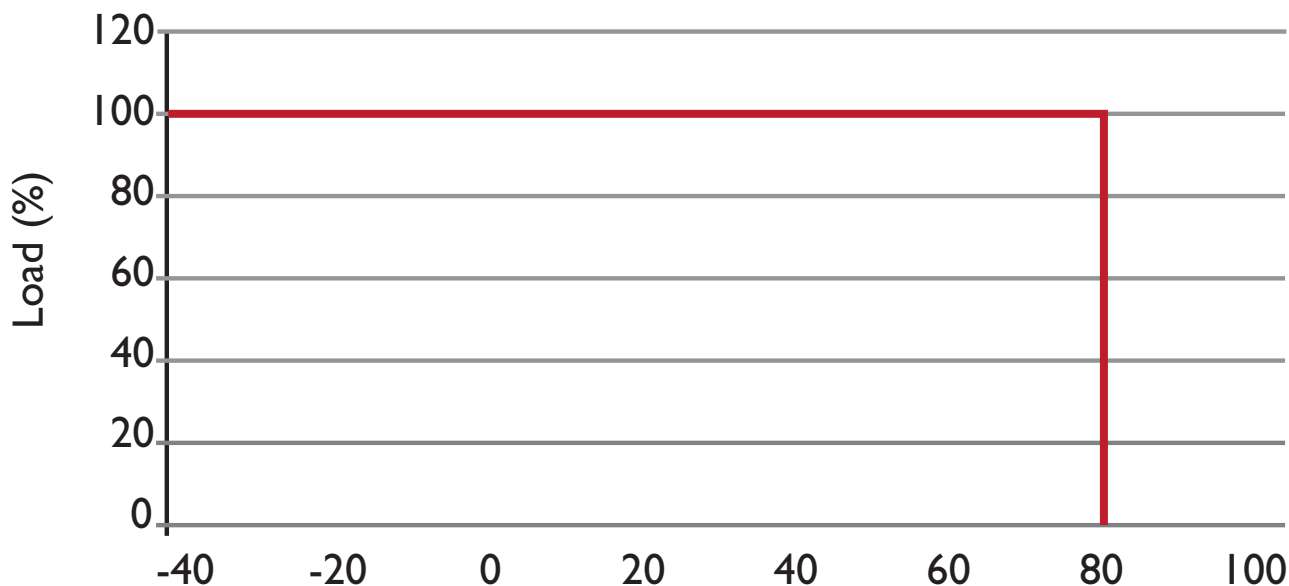
Life Time v.s. Case Temperature Curve



Case Temperature Curve (°C)

Derating Curve

120Vac & 277Vac



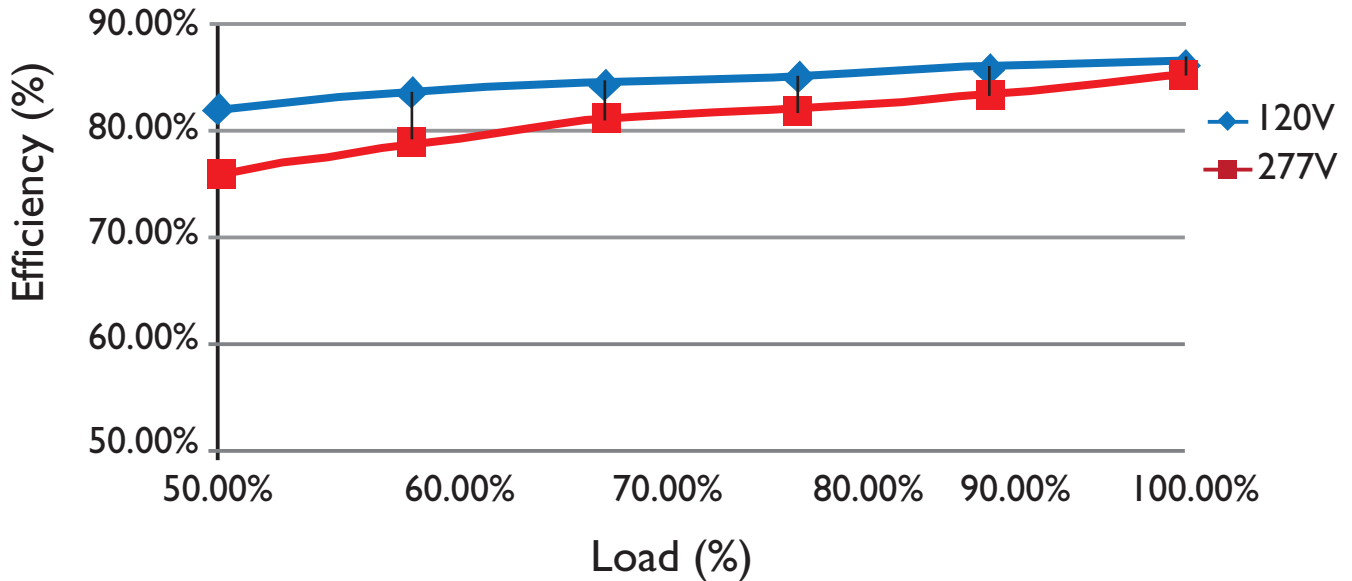
Outside Driver Ambient Temperature (°C)

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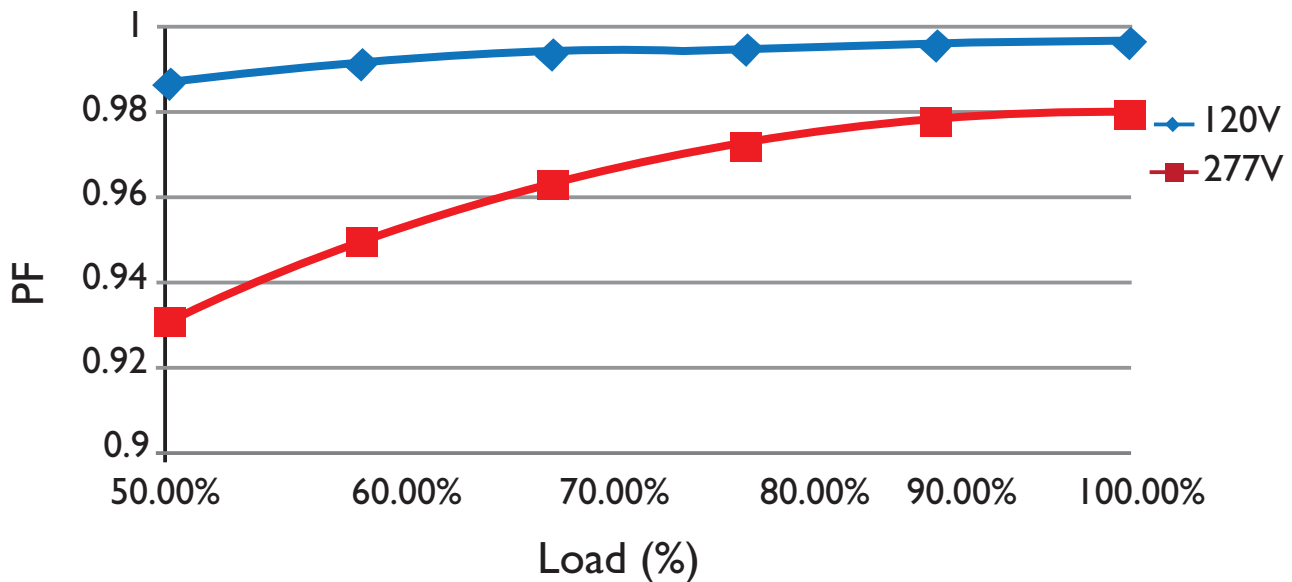
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Performance Characteristics

Efficiency v.s. Load



Power Factor v.s. Load

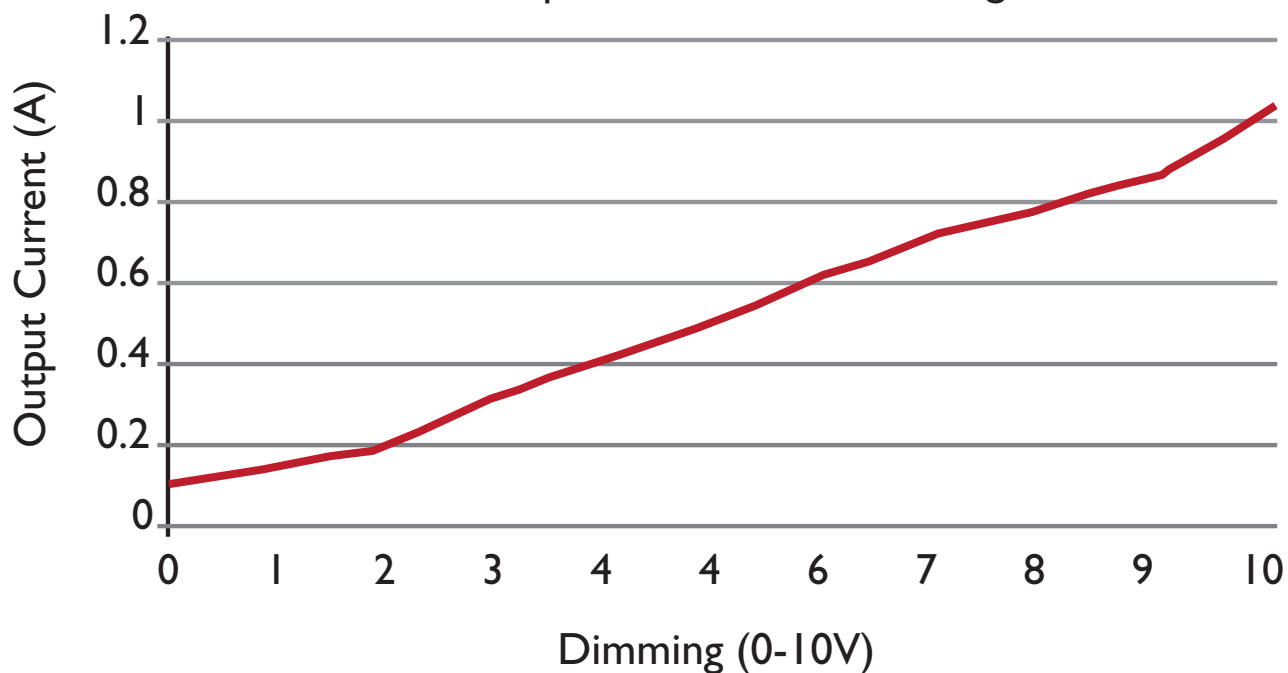


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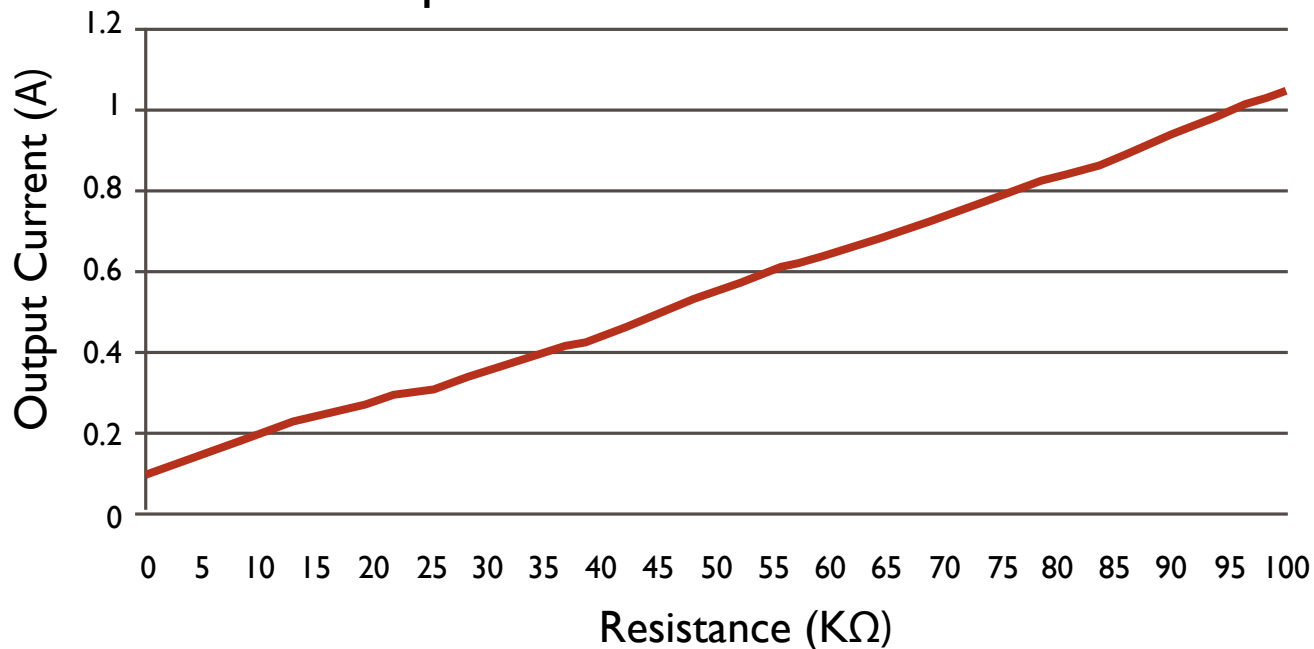
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Performance Characteristics

Output Current v.s. Dimming



Output Current v.s. Resistance



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