

MULTI-CURRENT SWITCHING AND DIMMING

Switch-Hitter™

Constant Current LED Driver

Model Number

AC-40CD950AQQG
AC-40CD950AQBGG

Input Voltage: 120-277V

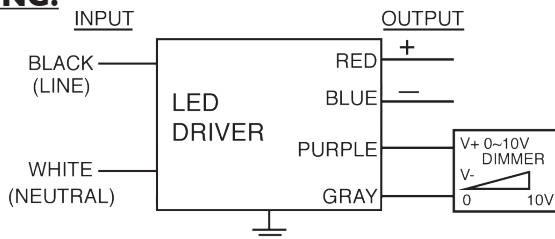
Input Frequency: 50/60Hz

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
40W	48W @ 120V 47W @ 277V	0.4A @ 120V 0.17A @ 277V	>0.95	<20%	24-43V	950mA±5%	90° C	-40° C	83%	64	0 to 10V	10 to 100%
30W	39W @ 120V 38W @ 277V	0.33A @ 120V 0.14A @ 277V	>0.95	<20%	24-43V	700mA±5%	90° C	-40° C	82%	64	0 to 10V	10 to 100%
23W	29W @ 120V 28W @ 277V	0.24A @ 120V 0.11A @ 277V	>0.95	<20%	24-43V	550mA±5%	90° C	-40° C	80%	64	0 to 10V	10 to 100%
18W	23W @ 120V 22W @ 277V	0.19A @ 120V 0.08A @ 277V	>0.95	<20%	24-43V	440mA±5%	90° C	-40° C	80%	64	0 to 10V	10 to 100%

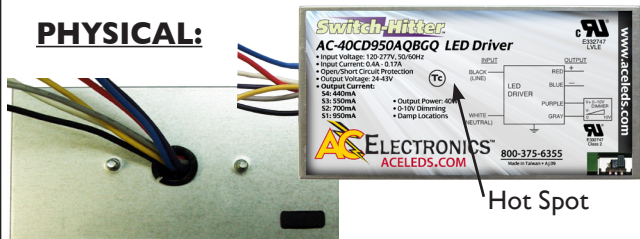
WIRING:



Lead Lengths

Color	Length	Color	Length	Color	Length
Black	5.9"	Blue	5.9"	Gray	5.9"
White	5.9"	Red	5.9"	Purple	5.9"

PHYSICAL:



Dimensions

Model	Length (L)	Width (W)	Height (H)	Mounting (M)	Weight	QTY
AC-40CD950AQQG	6.5"	2.9"	1.18"	5.9"	.88 lbs	30pcs.
* AC-40CD950AQBGG	5.3"	2.9"	1.18"	2.00"	xxx	xxx

* Bottom Mount

SAFETY & PERFORMANCE:

- UL US and cUL LVLE
- 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 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 stranded 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.



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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*7



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