AC ELECTRONICS™
ACELEDS.COM
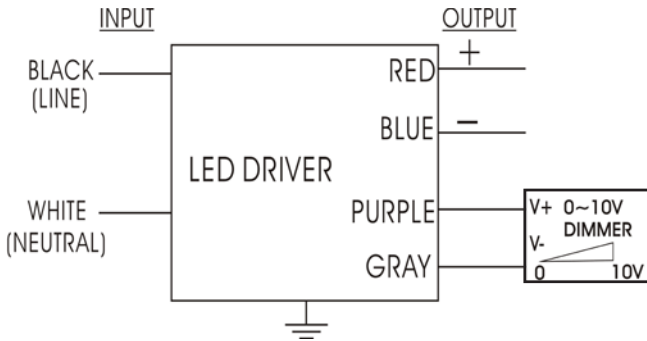
DIMMING

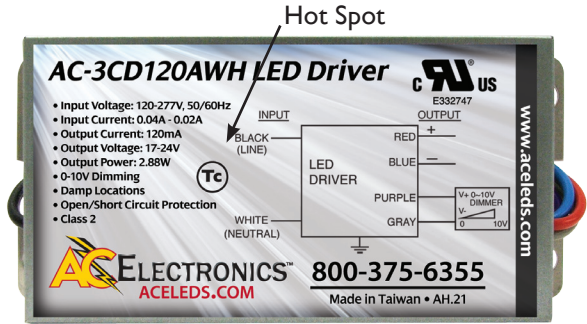## Constant Current LED Driver
Model Number
AC-3CD120AWH

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

ELECTRICAL SPECIFICATIONS:

Output Power Max	Input Power	Input Current	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Min Starting Temp	Efficiency Up To	Dimming Protocol	Dimming Range
2.88W	5W	0.04A@120V 0.02A@277V	>0.9	<20	17-24V	120mA +/- 5%	90°C	-40°C	60%	0 to 10V	10 to 100%

WIRING:

INPUT
BLACK (LINE)
WHITE (NEUTRAL)

LED DRIVER

OUTPUT
RED +
BLUE —
PURPLE
GRAY

V+ 0~10V DIMMER
V-
0   10V

Lead Lengths

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

PHYSICAL:

Hot Spot

AC-3CD120AWH LED Driver

• Input Voltage: 120-277V, 50/60Hz
• Input Current: 0.04A - 0.02A
• Output Current: 120mA
• Output Voltage: 17-24V
• Output Power: 2.88W
• 0-10V Dimming
• Damp Locations
• Open/Short Circuit Protection
• Class 2

INPUT
BLACK (LINE)
WHITE (NEUTRAL)

LED DRIVER

OUTPUT
RED +
BLUE —
PURPLE
GRAY

V+ 0~10V DIMMER
V-
0   10V

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Tc

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ACELEDS.COM
800-375-6355
Made in Taiwan • AH.21

Dimensions

Length	5.24"	Height	1.18"
Width	2.48"	Mounting Length	4.84"

SAFETY:

• UL and cUL Recognized
• UL Outdoor Type 1
• 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 (2 KV)

INSTALLATION:

• IP 66 Harsh Weatherproof
• 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

c UL us

*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.

IP66 HARSH

RoHS COMPLIANT
LEAD-FREE