"Match-Book Sized"
LED Driver Family

The Smallest Possible Factors™

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LISTED
E332747

Constant Current LED Driver

Model Number AC29CD700AT2Q

Input Voltage: 120-277 VAC (310%)
Input Frequency: 50/60 Hz
Dimming: 5 to 100%
Surge Protection: 2 Kv
Side Mount/Leads
Multi-Switching Current

PHYSICAL DIMENSIONS:

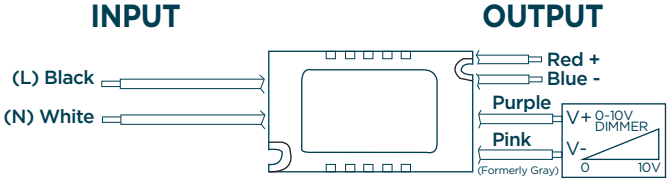
Length: 2.88”
Width: 1.43”
Height: 1.07”
Mounting: 2.68”
Weight: 0.15 lbs.

ACTUAL SIZE

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 Temps.	IP Rating	Dimming Protocol	Dimming Range	Efficiency Up To
29 W	33 W	0.28 A @ 120 V 0.12 A @ 277 V	>0.9	<20	20-42 V	700 mA 35%	75° C	0° C	20	0 to 10 V	5 to 100%	88%
21 W	24 W	0.20 A @ 120 V 0.09 A @ 277 V	>0.9	<20	20-42 V	500 mA 35%	75° C	0° C	20	0 to 10 V	5 to 100%	88%
15 W	17 W	0.14 A @ 120 V 0.06 A @ 277 V	>0.9	<20	20-42 V	350 mA 35%	75° C	0° C	20	0 to 10 V	5 to 100%	86%

WIRING:



Note: Gray (-) dimming wire has been changed to pink per the 2020 NEC section 410.69 and NEMA.

LEAD LENGTH:

Black	12”	Blue	6”	Purple	6”
White	12”	Red	6”	Pink	6”

APPROVED DIMMERS:

Lutron	NTSTV-DV	Leviton	IP710 DL
Lutron	NFTV	Watt Stopper	ADF 120277

To order or consult with one of our engineers, contact us at:
800-375-6355 / aceleads.com

ACE LEDS

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SAFETY & PERFORMANCE:

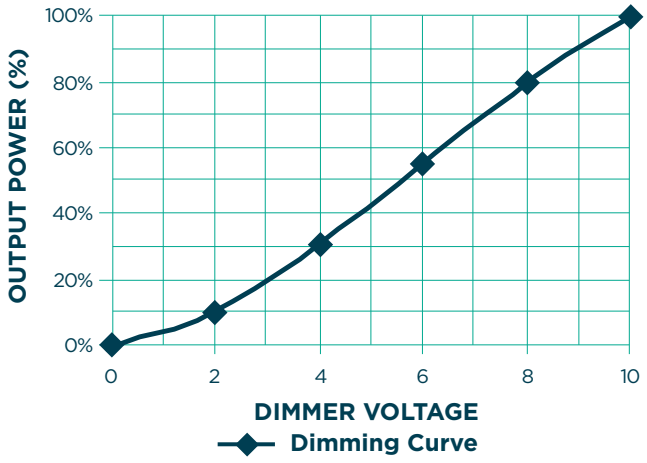
- Class P Listed
- Class A sound rating
- No PCBs
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of ≤75°C
- Warranty: 5 yrs based on max case temp of 75°C*
- Input/Output Isolation
- Surge Protection (2 KV)
- Dimming Curve on the next page
- Gray (-) dimming wire has been changed to pink per the 2020 NEC section 410.69 and NEMA.

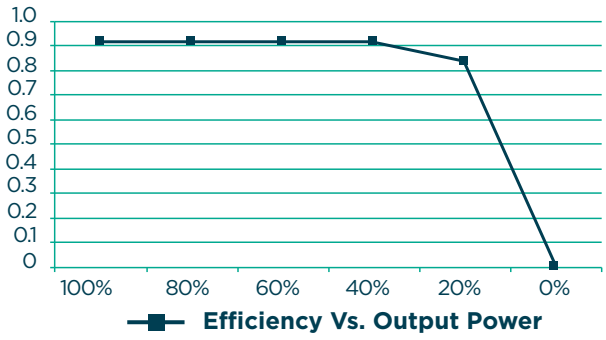
INSTALLATION:

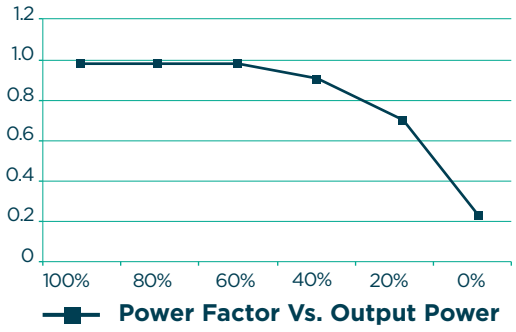
- LED drivers shall be installed inside electrical enclosures
- Max Remote installation distance is 33 ft
- 22 AWG 600V/105C tinned stranded copper lead-wires are required to use in installation

*ACE LEDS/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 from date of manufacture when operated at max case temp of up to ≤75°C when properly installed and under normal conditions of use. See aceleds.com for complete warranty policy.

PERFORMANCE METRICS: AC29CD700AT2Q







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Data is based upon tests performed by ACE LEDS 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.

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RoHS COMPLIANT LEAD-FREE

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