

**PROGRAMMABLE,
DIGITAL, WIDE-RANGE
ADJUSTABLE CURRENT & DIMMING
TYPE TL RATED**

Constant Current LED Driver

**Model Number
AC-40CDI.4APKV
AC-40CDI.4APBKV**

AC-40CDI.4APMZ (Pending UL Approval)

Input Voltage: 120-277V

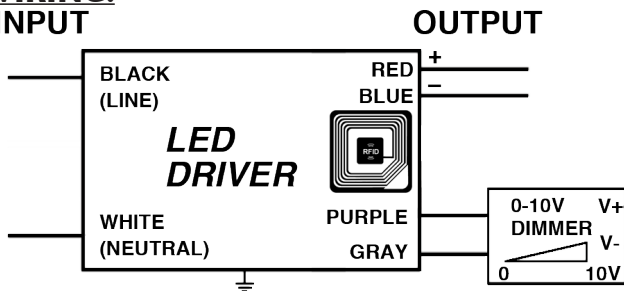
Input Frequency: 50/60Hz

Side and Bottom Mount/Leads Options

ELECTRICAL SPECIFICATIONS:

Output Power	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
10 to 40W	47W	0.4A @ 120V, 0.18A @ 277V	>0.95	<20%	15 to 55V	400 to 1400mA	90°C	-40°C	85%	0 to 10V	10 to 100%

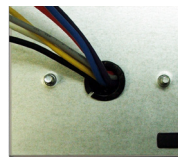
WIRING: INPUT



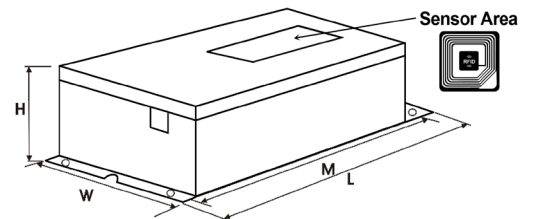
Lead Lengths

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

PHYSICAL:



Bottom Mount
Model No:
AC-40CDI.4APBKV



Dimensions	Length	Width	Height	Mounting
AC-40CDI.4APKV	5.23"	2.48"	1.18"	4.84"
AC-40CDI.4APBKV	6.22"	1.73"	1.18"	
AC-40CDI.4APMZ	9.5"	1.26"	1.17"	

Tref Max Value (°C)	Tc/Tref Value (°C)	Ta/Value (°C)
90	58.2	40

SAFETY:

- 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)



The LED Driver Type TL Program is intended to assist you in gaining greater market access for your LED drivers. This service is also intended to assist end-product LED Luminaire manufacturers improve their speed-to-market by making it easy to source a compliant LED Driver.

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/I05C 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.



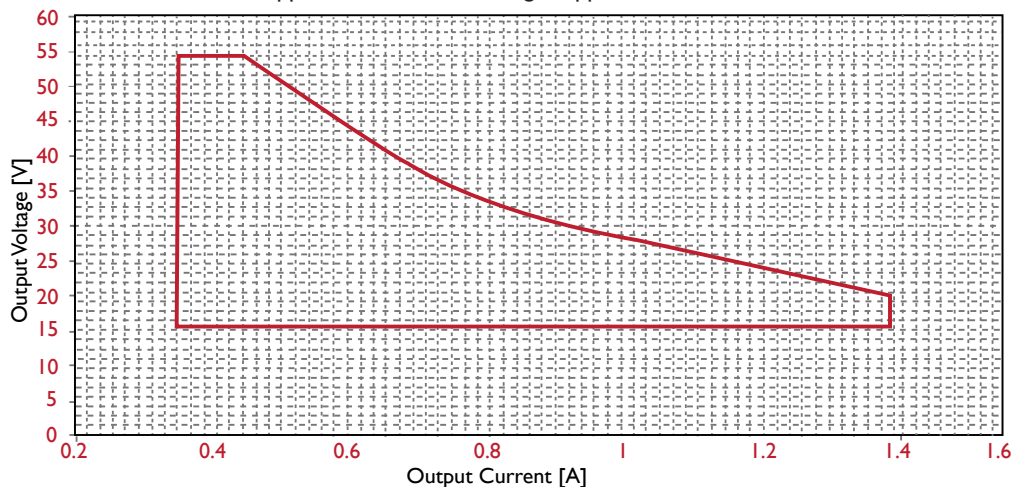
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Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications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



IOUT/VOUT CURVE

Use with NFC-V Reader App Available Free at Google App Store



**CONTROL THE IOUT
WITH THE PROGRAMMING WAND.
DOWNLOAD SOFTWARE FROM
<http://www.aceleds.com/programmable.php>**

Iout List				
Current Value (mA)	Correspond Iout Code			
400	4A	01	00	01
500	A4	01	00	01
600	FE	01	00	01
700	53	02	00	01
800	A8	02	00	01
900	02	03	00	01
1000	57	03	00	01
1050	84	03	00	01
1100	B1	03	00	01
1150	D9	03	00	01
1200	06	04	00	01
1250	2E	04	00	01
1350	88	04	00	01
1400	78	05	00	01