AceLEDs
POWER DESIGNS ™
A division of AC Electronics

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

Constant Current LED Driver
Model Number
AC-40CD1.4APKV
AC-40CD1.4APBKV

AC-40CD1.4APMZ (Pending UL Approval)

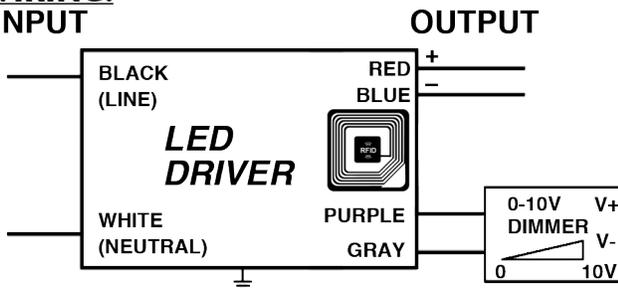Input Voltage: 120-277V
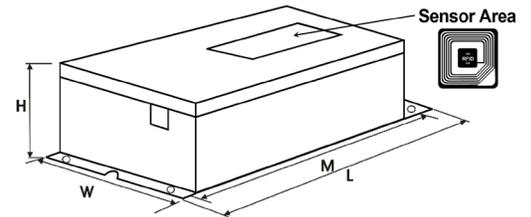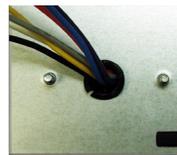Input Frequency: 50/60Hz
Side and Bottom Mount/Leads Options

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   OUTPUT

BLACK (LINE)   RED +
                      BLUE –

LED DRIVER

WHITE (NEUTRAL)   PURPLE
                      GRAY

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

Lead Lengths

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

PHYSICAL:

Sensor Area

Bottom Mount
Model No:
AC-40CD1.4APBKV

Dimensions	Length	Width	Height	Mounting
AC-40CD1.4APKV	5.23"	2.48"	1.18"	4.84"
AC-40CD1.4APBKV	6.22"	1.73"	1.18"	
AC-40CD1.4APMZ	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)

c**UL**us ®
E328847
Class 2

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/105C 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.
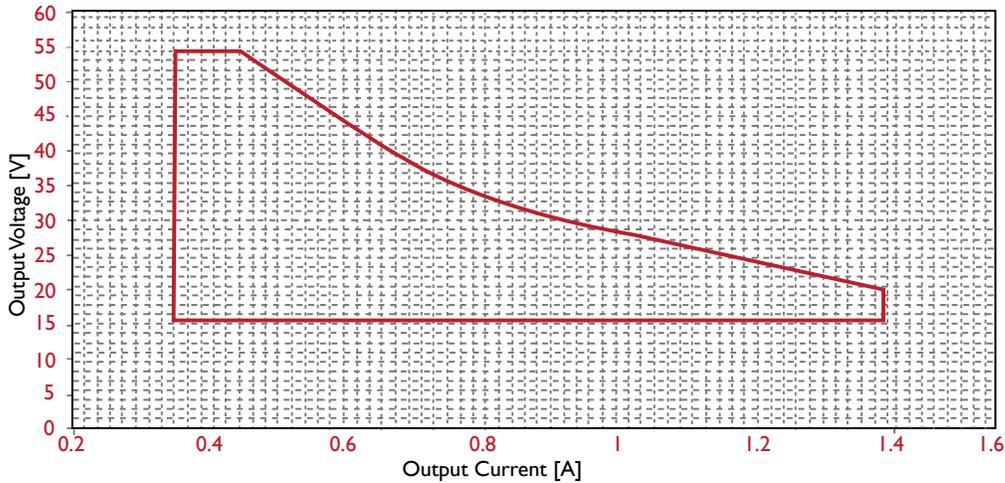
IP66 HARSH

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.

RoHS COMPLIANT LEAD-FREE

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Gate Drivers *category:*

Click to view products by AC Electronics *manufacturer:*

Other Similar products are found below :

00028 00053P0231 8967380000 56956 CR7E-30DB-3.96E(72) 57.404.7355.5 LT4936 57.904.0755.0 5801-0903 5803-0901 5811-0902 5813-0901 58410 00576P0030 00581P0070 5882900001 00103P0020 00600P0005 00-9050-LRPP 00-9090-RDPP 5951900000 01-1003W-10/32-15 LTILA6E-1S-WH-RC-FN12VXCR1 0131700000 00-2240 LTP70N06 LVP640 0158-624-00 5J0-1000LG-SIL 020017-13 LY1D-2-5S-AC120 LY2-0-US-AC120 LY2-US-AC240 LY3-UA-DC24 00-5150 00576P0020 00600P0010 LZNQ2M-US-DC5 LZNQ2-US-DC12 LZP40N10 00-8196-RDPP 00-8274-RDPP 00-8275-RDNP 00-8609-RDPP 00-8722-RDPP 00-8728-WHPP 00-8869-RDPP 00-9051-RDPP 00-9091-LRPP 00-9291-RDPP