

Constant Current LED Driver

Model Number
AC-25CDI.25APME
AC25CDI.25APBME

AC-25CDI.25APMV (Pending UL Approval)

Input Voltage: 120-277V

Input Frequency: 50/60Hz

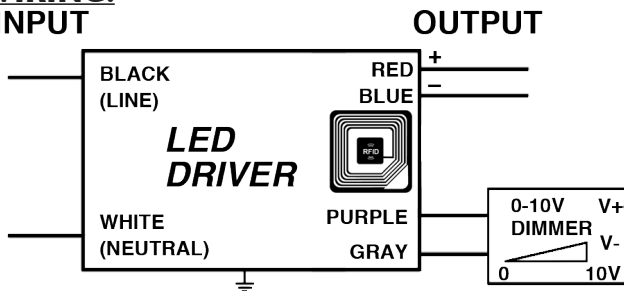
Side and Bottom Mount/Leads Options

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

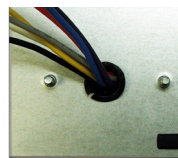
ELECTRICAL SPECIFICATIONS:

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
8 to 25W	31W	0.27A @ 120V, 0.11A @ 277V	>0.95	<20%	15 to 55V	350 to 1250mA	90°C	-40°C	82%	0 to 10V	10 to 100%

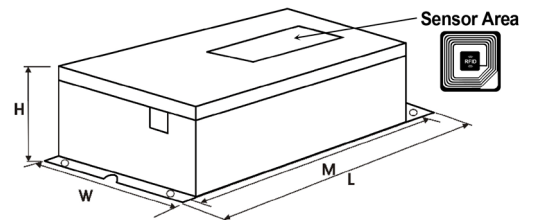
WIRING: INPUT



PHYSICAL:



Bottom Mount
Model No:
AC25CDI.25APBME



Lead Lengths

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

Dimensions	Length	Width	Height	Mounting
AC-25CDI.25APME	5.23"	2.48"	1.18"	4.84"
AC-25CDI.25APMV	6.22"	1.73"	1.22"	5.86"
AC25CDI.25APBME	5.23"	2.48"	1.18"	4.84"

SAFETY:

- Class A sound rating
- Overload Protection
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of $\leq 75^{\circ}\text{C}$
- LED driver has a life expectancy of 100,000 hours at Tcase of $\leq 65^{\circ}\text{C}$
- Warranty: 5 yrs based on max case temp of $< 75^{\circ}\text{C}$; 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.

Tref Max Value ($^{\circ}\text{C}$)	Tc/Tref Value ($^{\circ}\text{C}$)	Ta/Value ($^{\circ}\text{C}$)
90	58.2	40

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 $< 75^{\circ}\text{C}$; 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.



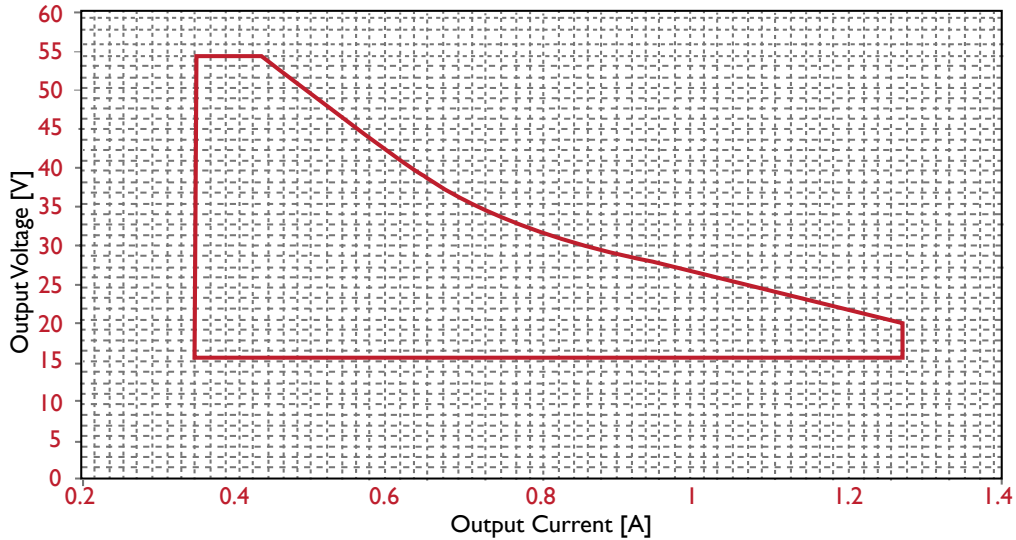
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Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications 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			
350	22	01	00	02
400	4D	01	00	02
440	72	01	00	02
500	A2	01	00	02
530	B8	01	00	02
600	F2	01	00	02
636	13	02	00	02
700	4B	02	00	02
735	69	02	00	02
800	A5	02	00	02
900	00	03	00	02
1050	84	03	00	02
1250	4C	04	00	02

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