AC ELECTRONICS™
ACELEDS.COM

Constant Current LED Driver

Model Number AC-98CD2.1APTMX

Input Voltage: 120 - 277V
Input Frequency: 50/60Hz
Side Mount/Leads
< 1 Sec. Start time/(Starting with batch code AKT.48)

energy
EPA POLLUTION PREVENTER

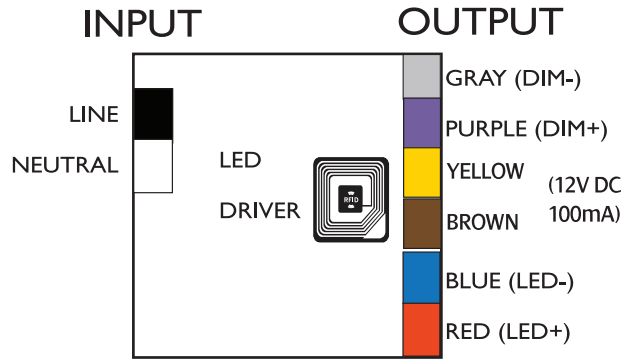
PROGRAMMABLE, DIGITAL, WIDE-RANGE AJUSTABLE CURRENT & DIMMING TYPE TL RATED

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	IP Rating	Dimming Protocol	Dimming Range
98W	113W	0.94@120V 0.41@277V	>90	<20	27-55V	1050mA to 2100mA	90˚C	-40˚C	88%	64	0 to 10V	10 to 100%

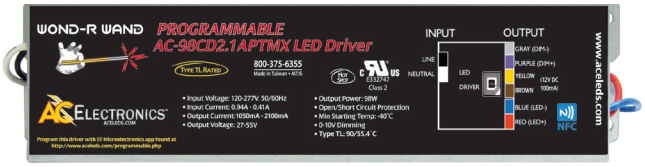
** This driver can operate down to -40˚C in a non-dimming condition. Below 0˚C some ficker may be observed.

WIRING:



Lead Lengths							
Black	5.9"	Blue	5.9"	Purple	5.9"	Yellow	5.9"
White	5.9"	Red	5.9"	Gray	5.9"	Brown	5.9"

PHYSICAL:



Length	Width	Height	Mounting
9.5"	2.4"	1.46"	8.9"

Tref Max Value (˚C)	Tc/Tref Value (˚C)	Ta Value (˚C)
55.4	90	50

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 (3 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:

- 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.

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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.

RoHS COMPLIANT LEAD-FREE

Revised 02/28/2018

ACELEDS.COM

AC-98CD2.1APTMX

Performance Characteristics

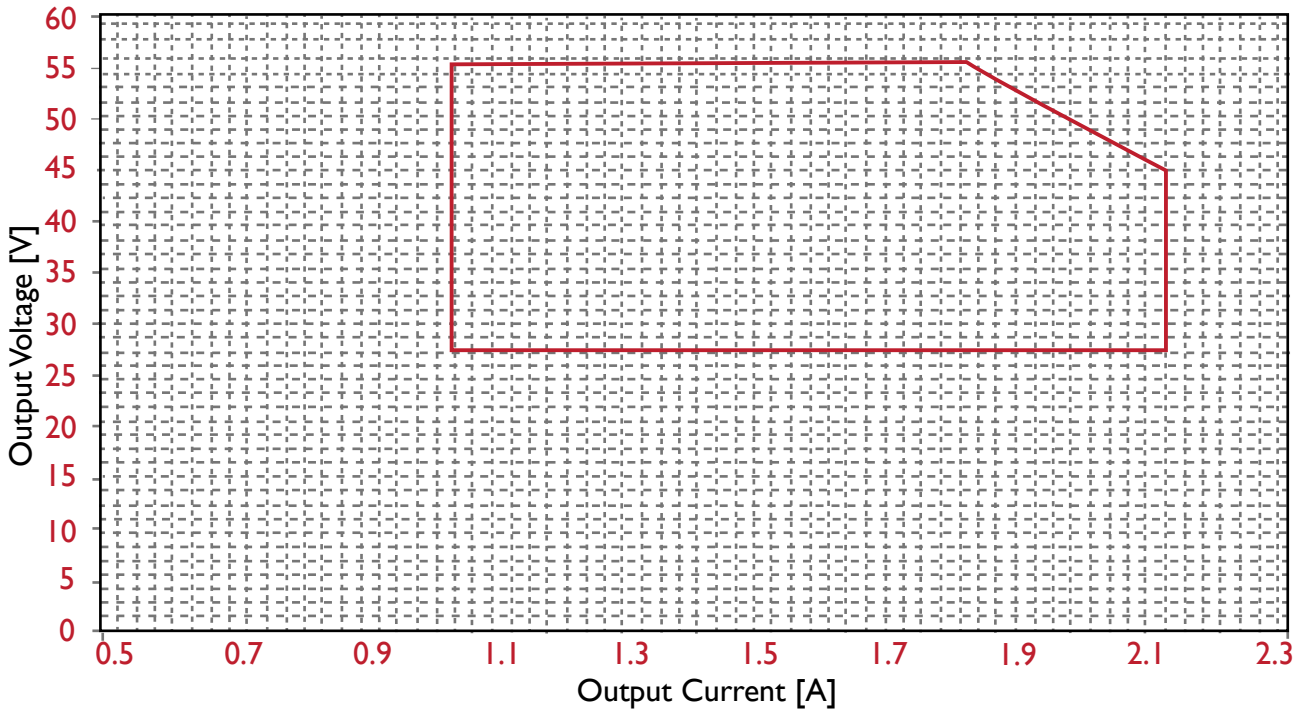
Use with NFC-V Reader App Available Free at Google App Store

Phone Instructions

First you must have a Android device (phone/tablet) with NFC-V app downloaded.
Open App; then place the device on top of the driver matching up sensors until it syncs up
Basic format
Write
Insert the appropriate code from chart above
Write
Successfully written will appear

To Check: Read
Read
Shows you the Block - 00 00 00 00
This is where the code you input appears

IOUT/VOUT CURVE



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

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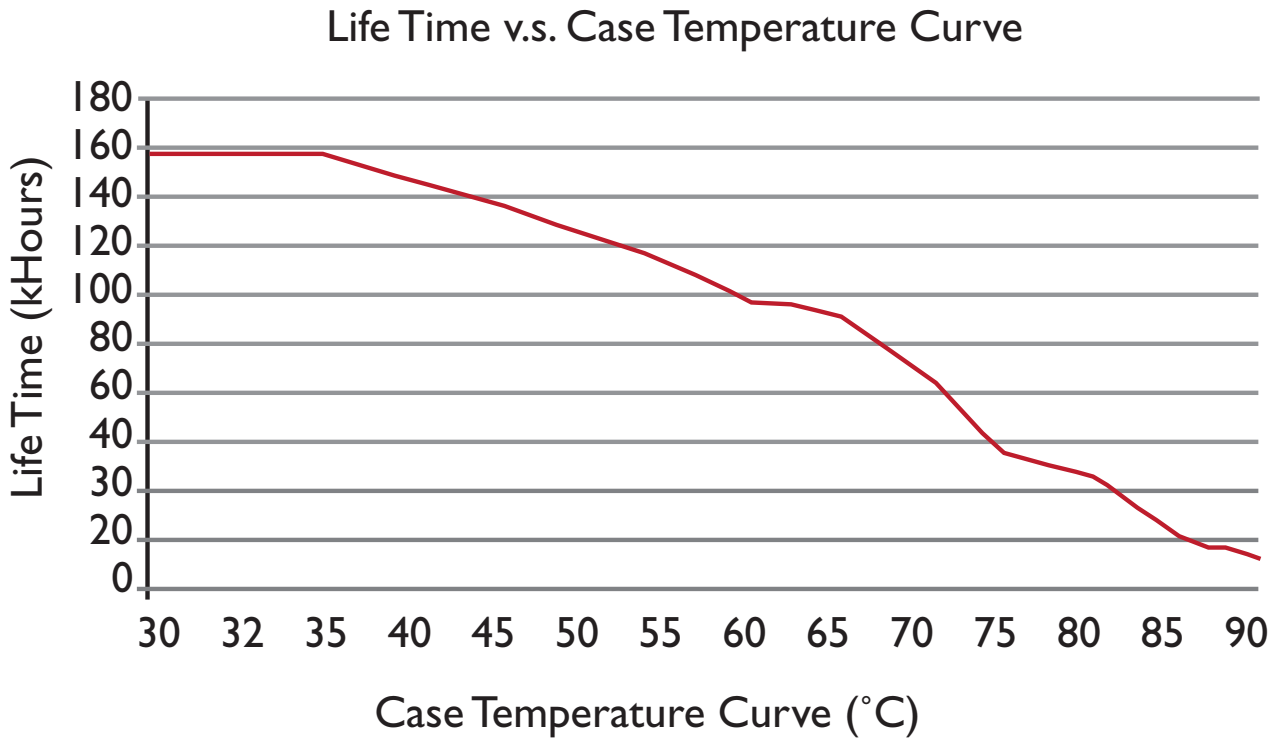

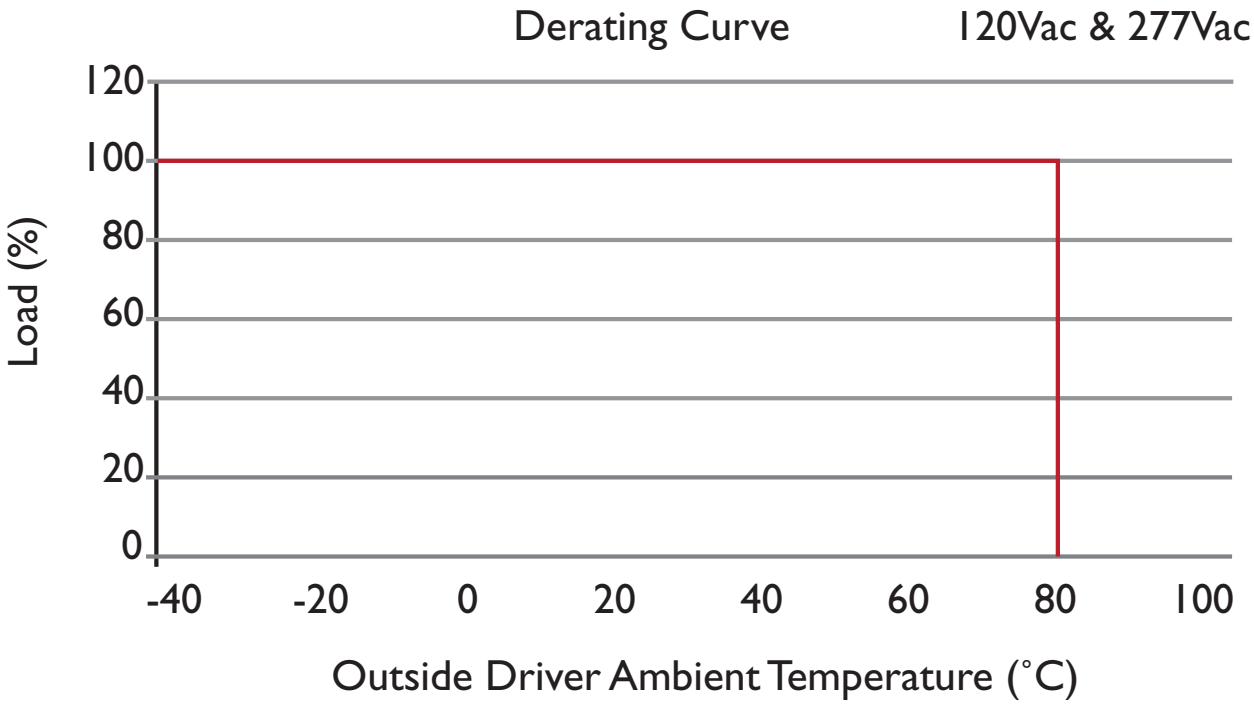

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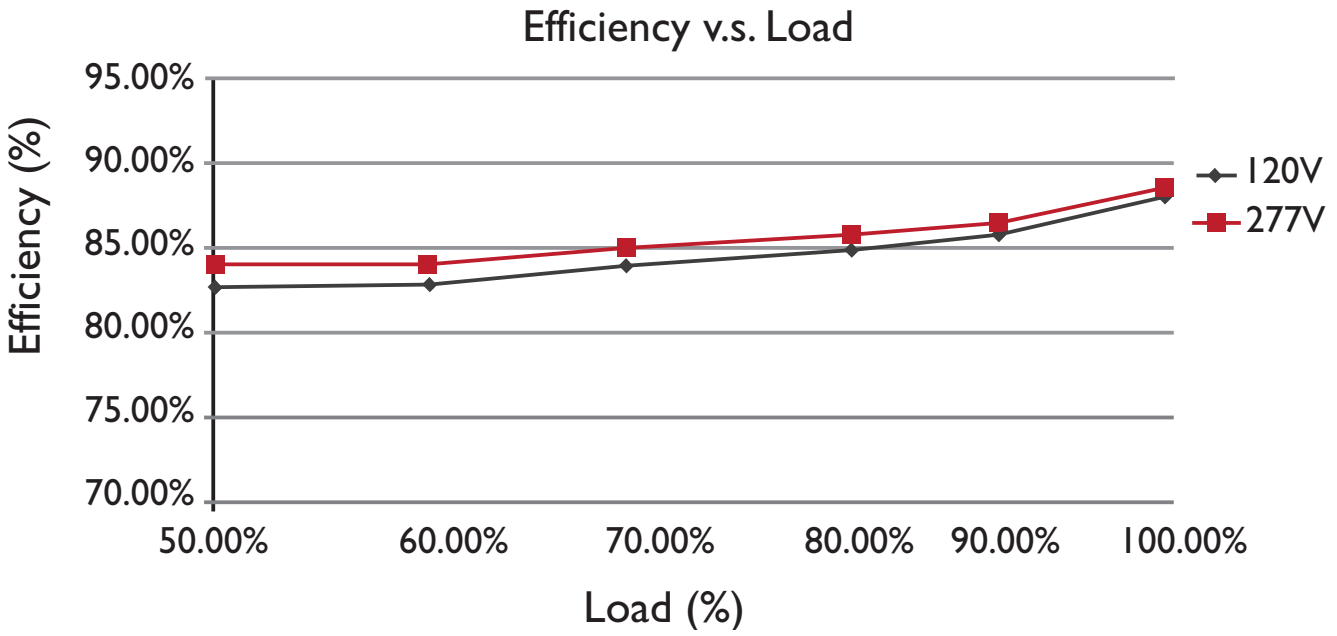

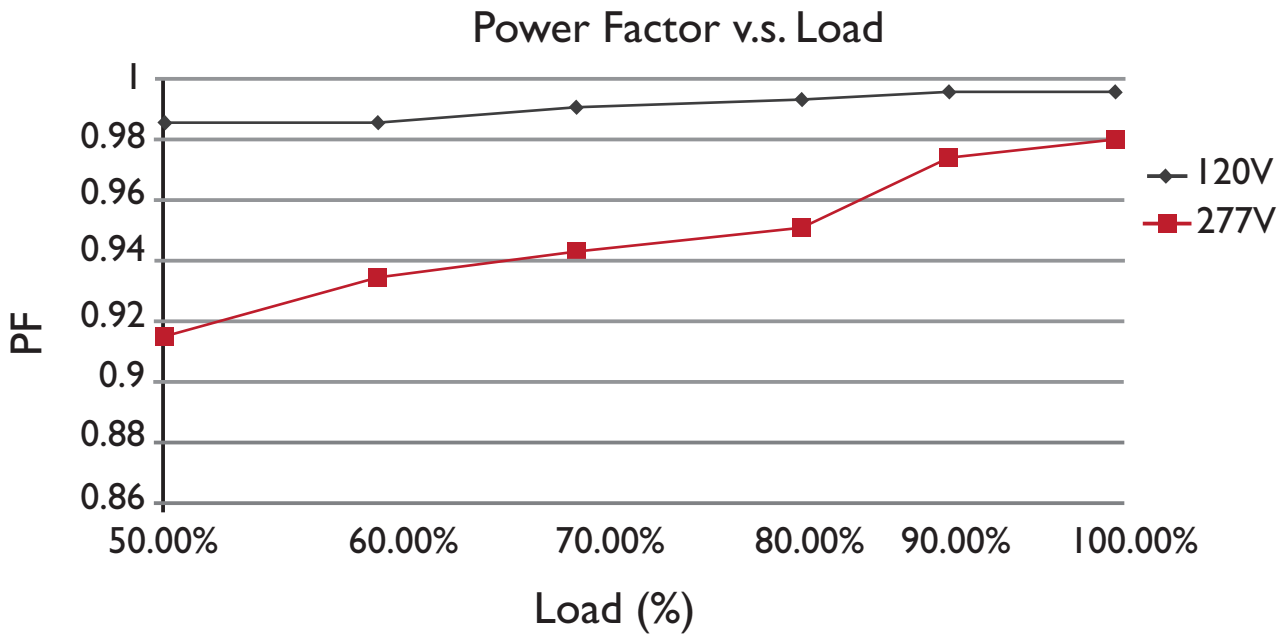

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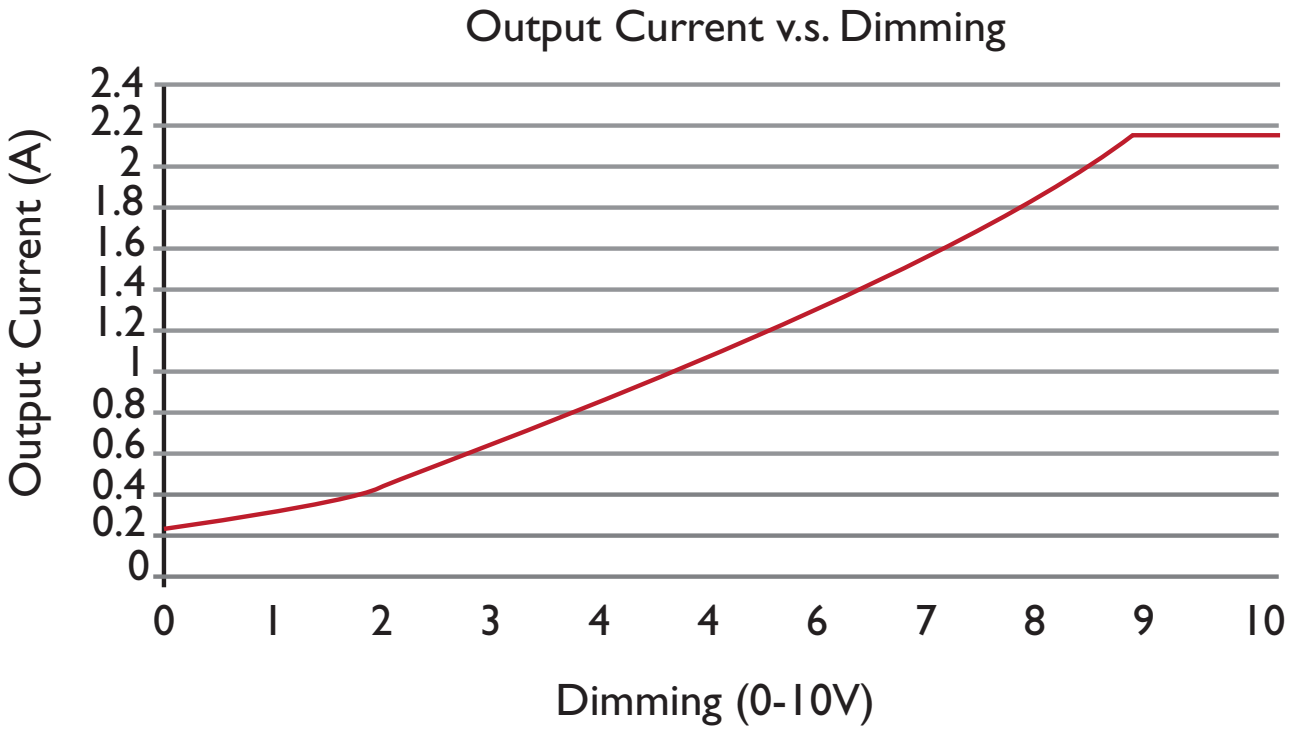

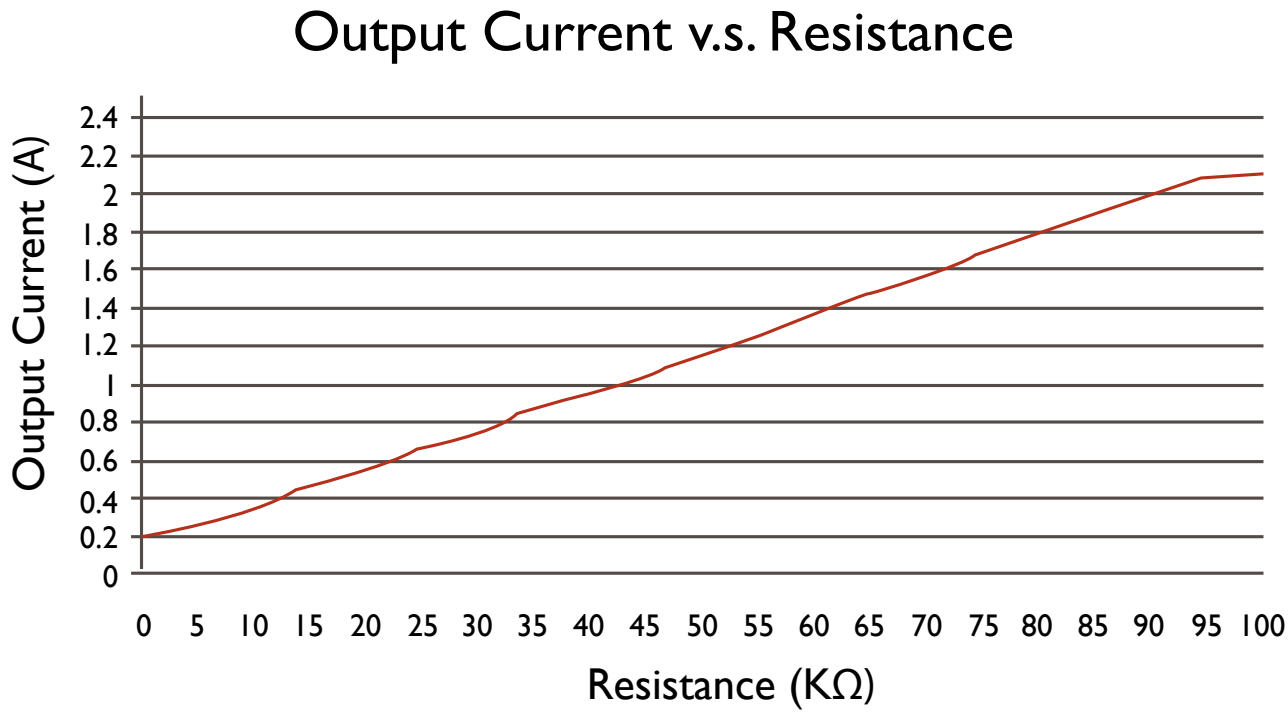

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