

AC40CD1.05BPB0M Programmable, Digital, Wide-Range Adjustable Current & Dimming LED Driver

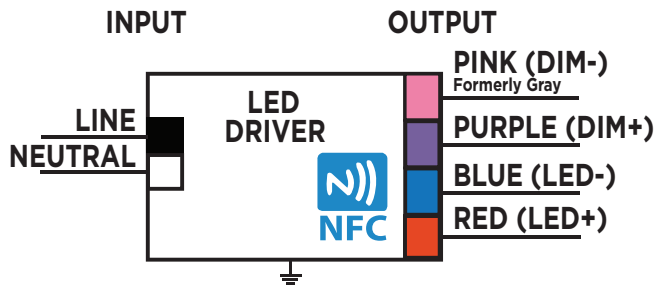


Primary Specifications:

Output Power	Input Power	Input Current	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Min Starting Temp**	IP Rating	Efficiency Up To	Dimming Protocol	Dimming Range
40 W	47 W	0.143 @ 347 V	>0.90	>20	23-38 V	250 mA-1050 mA ± 15%	90 °C	-40 °C	64	85	0 to 10 V	0 to 100%

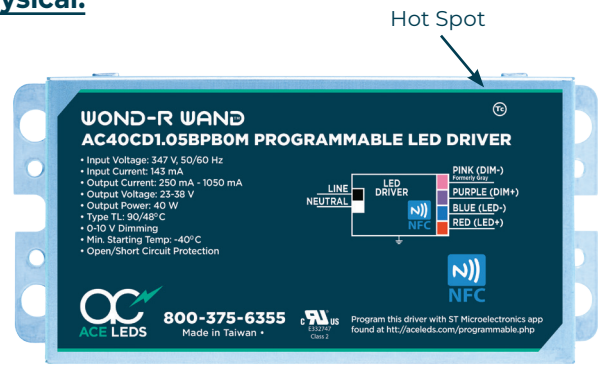
** This driver can operate down to -40 °C in a non-dimming condition. Below 0 °C some flicker may be observed.

Wiring:



Lead Lengths					
Black	5.9"	Blue	5.9"	Purple	7.1"
White	5.9"	Red	5.9"	Pink	7.1"

Physical:



Dimensions	Length	Width	Height
AC40CD1.05BPB0M	4.56"	2.48"	1.8"

Tref Max Value (°C)	Tc/Tref Value (°C)	Ta/Value (°C)
90	48.5	40

Safety:

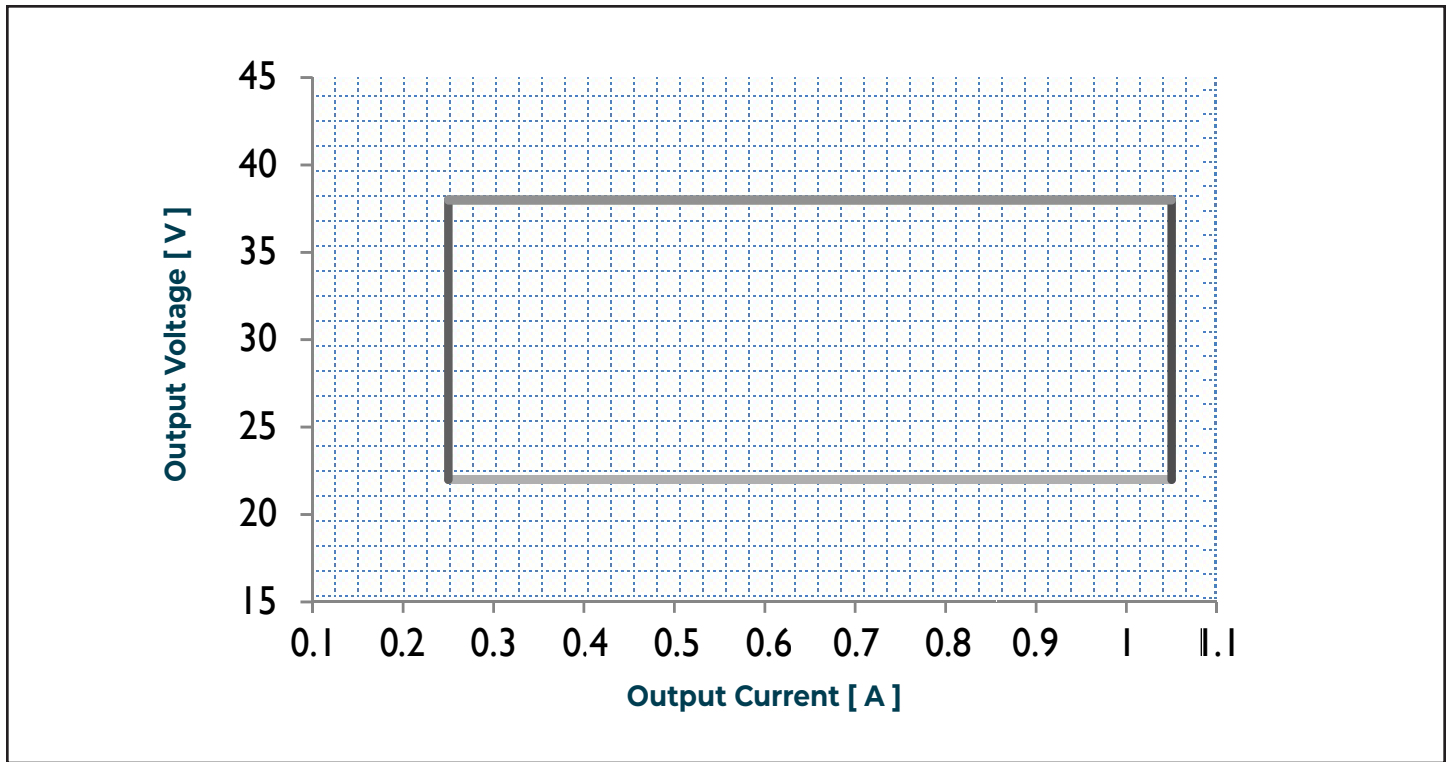
- UL and cUL Recognized
- Class 2
- UL outdoor Type 1
- Class A sound rating
- Overload Protection
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of ≤75°C
- LED driver has a life expectancy of 100,000 hours at Tcase of ≤65°C
- Warranty: 5 yrs based on max 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)
- **Dim-To-Off Programming Option**
 - Active: Code = A2 03 01 0E
 - Inactive: Code = A2 03 00 0E

Installation:

- IP 64
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded
- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105°C tinned stranded copper lead-wires are required for installation

For questions or to place an order contact us at oemsales@aceleds.com or 800-375-6355 or your local WPG American Sales representative at inquiry@wpgamericas.com or 888-WPG8881

IOOUT/VOUT Curve



Control the IOOUT with the programming wand. Download software from <http://aceleds.com/programmavle.php>

***AC Electronics/AC LED Power Designs warrants to the purchaser that each Emergency 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 -60°C when properly installed and under normal conditions of use. See aceleds.com for complete warranty policy.**

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