

0/1-10V LED dimmable driver--Constant voltage 360W

Feature:

- Output constant voltage
- Universal AC input:200-240VAC
- Built-in active PFC function
- High efficiency up to 90%
- Protections: Short circuit/Over current/Over loading
- Cooling by free air convection
- IP66 design for indoor or outdoor installation
- Class 1 power unit
- Three in one dimming function(0/1-10Vdc or PWM signal or resistance)
- Dimming range: 0-100%
- Suitable for LED lighting and moving sign applications
- Compliance to worldwide safety regulations for lighting
- Five years warranty



■ Specification

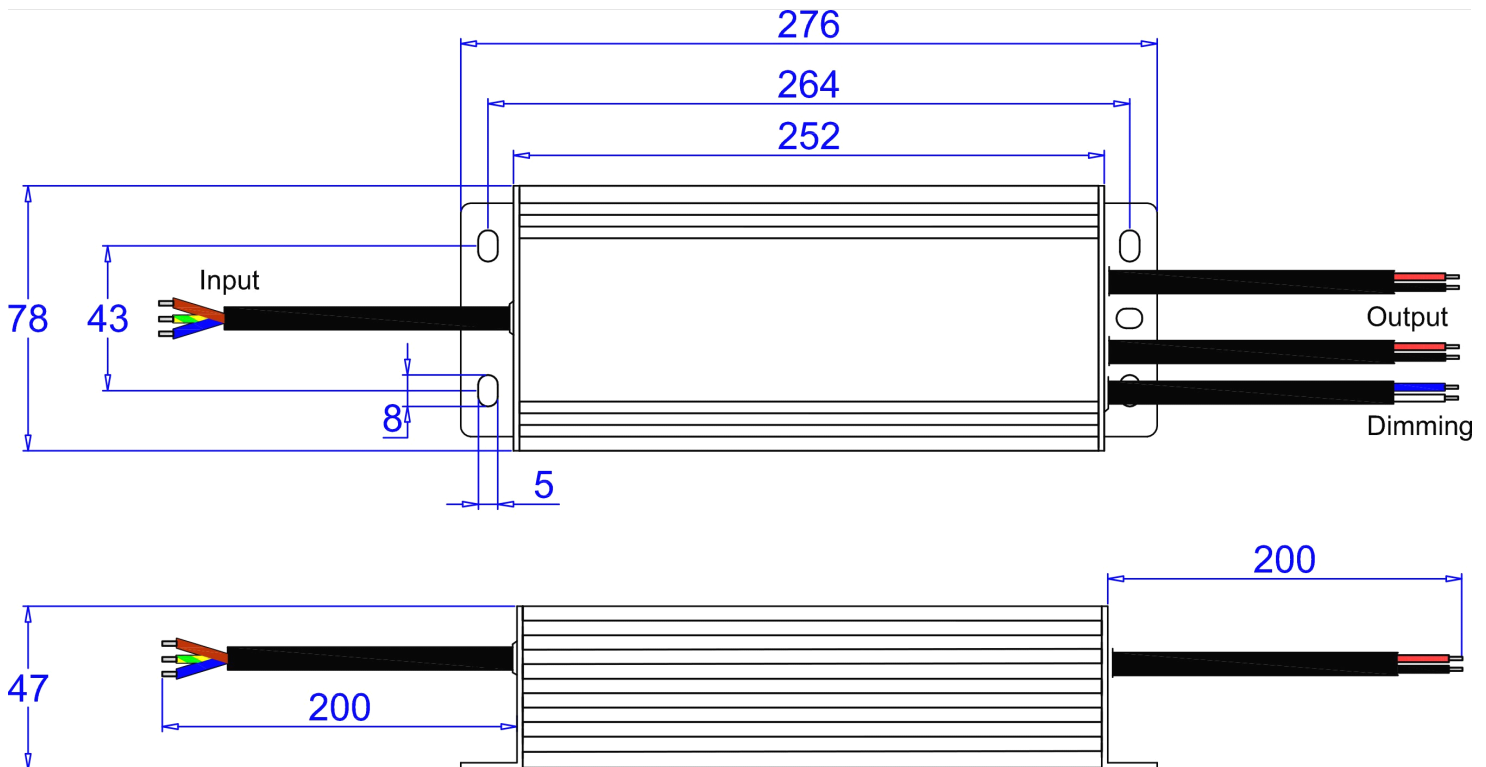


Model		KV-24360-A-DIM
Output	DC Voltage	24V
	Voltage Tolerance	±0.5V
	Rated current	0 - 15A
	Rated power	360W
Input	Voltage Range	200-240VAC
	Frequency Range	47-63HZ
	Power Factor	PF ≥ 0.98/230VAC
	Efficiency(Typ.)	90%
	AC Current(Max.)	2.4A
	Leakage current	<0.5mA
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
	Over Loading	≤120%
	Over Current	≤1.2*I _{out}
Environment	Working TEMP.	-40~+60℃
	Working Humidity	20-95%RH non-condensing
	Storage TEMP., Humidity	-40~+80℃, 10-95%RH
	TEMP. coefficient	±0.03%/℃ (0-50℃)
	Vibration	10~500Hz, 5G 12min./1 cycle, period for 72min.each along X,Y,Z axes
Safety&EMC	Safety standards	EN61347-1 EN61347-2-13
	Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC
	Isolation resistance	I/P-O/P I/P-FG O/P-FG:100M Ohms/500VDC/25℃/70%RH
	EMC EMISSION	EN55015,EN61000-3-2 (≥60%load)

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	EMC IMMUNITY	EN61000-4-2,3,4,5,6,11,EN61547, light industry Level Criteria A
Others	Net. Weight	1.7Kg
	Size	276*78*47mm(L*W*H)
	packing	390*310*185mm/10pcs /CTN
Notes	<p>1. All parameters NOT specially mentioned are measured at 230VAC input , rated load and 25℃ of ambient temperature.</p> <p>2. Tolerance: includes set up tolerance, line regulation and load regulation .</p> <p>3. The power supply is considered as a component that will be operated in combination with final Equipment. Since EMC performance will be affected by the complete installation, the final equipment manufactures must be-qualify EMC Directive on the complete installation again.</p>	

■ 360W 0-10V dimmable driver Mechanical Specification



■ Label

● L Brown

INPUT

Y/G

● N Blue

ZHUHAI SHENGCHANG ELECTRONICS CO.,LTD.

Made in China

Dimmable LED Driver
Constant Voltage

Model: KV-24360-A-DIM

Input: 200-240V~ 2.4A 50/60Hz

Output: 24V~ 15A 360W

ta: 40℃ tc: 80℃ For LED module only

Building 3, No.19, Yongtian Road, Qianshan Industrial Zone, Zhuhai City, Guangdong Province, China

• tc

SELV

CE

IP66

+ Red ●

- Black ●

+ Blue ●

- White ●

DIM+ OUTPUT

DIM- OUTPUT

※Input Rubber cable H05RN-F 3*1.0mm² ,the green /yellow cable connect with (FG),Brown with AC (L),Blue with AC(N)

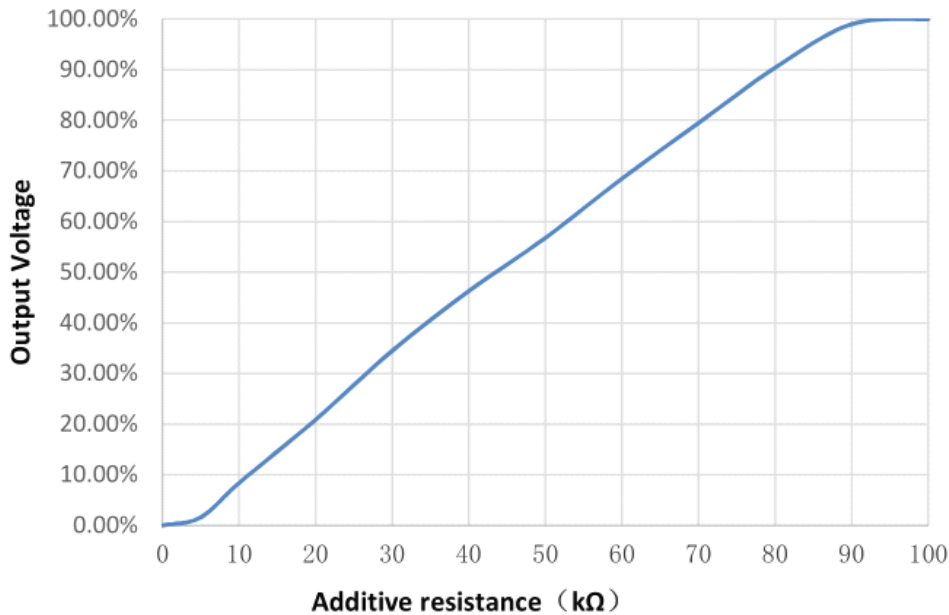
※Signal Rubber H05RN-F 2G*0.75 mm²,Blue is(DIM+),White is(DIM-)

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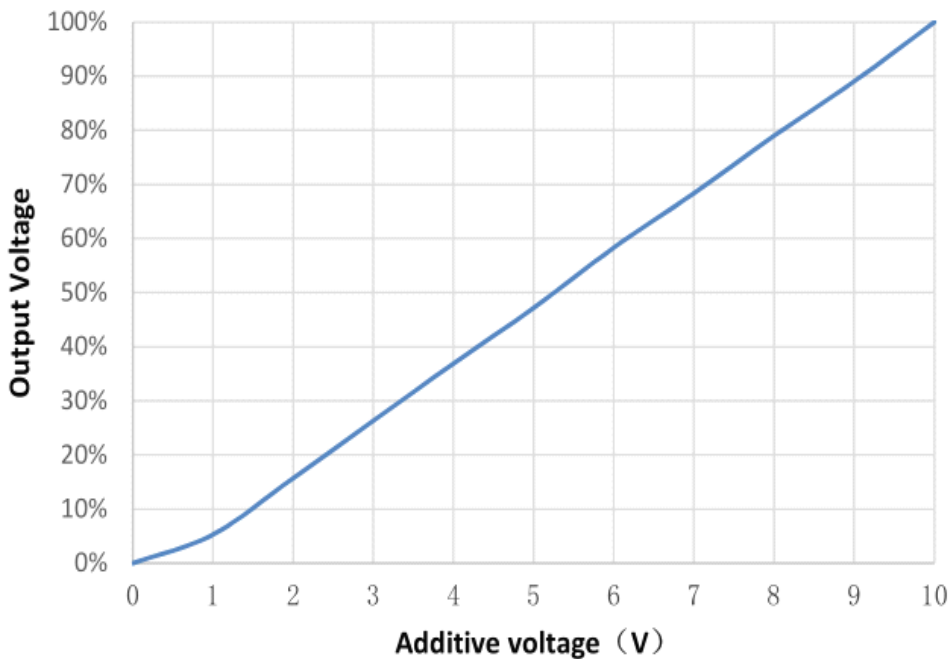
※Output Rubber cable SJTW 14AWG (2*2.08mm²) ,Red is output(V+) Positive,Black is output (V-) negative.Connected to LED Lamps. 12V DC model two groups output cable / 24V DC model one group output cable.
Note: Any other requests we can customized.

■ Dimming Curve

Resistance Dimming Curve

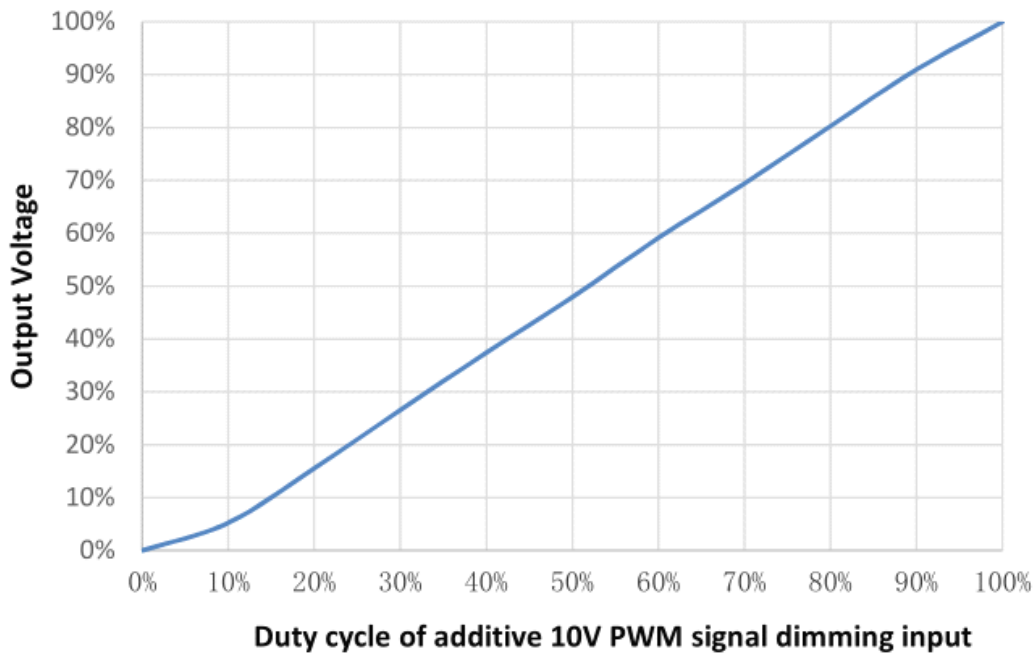


Voltage curve of signal line

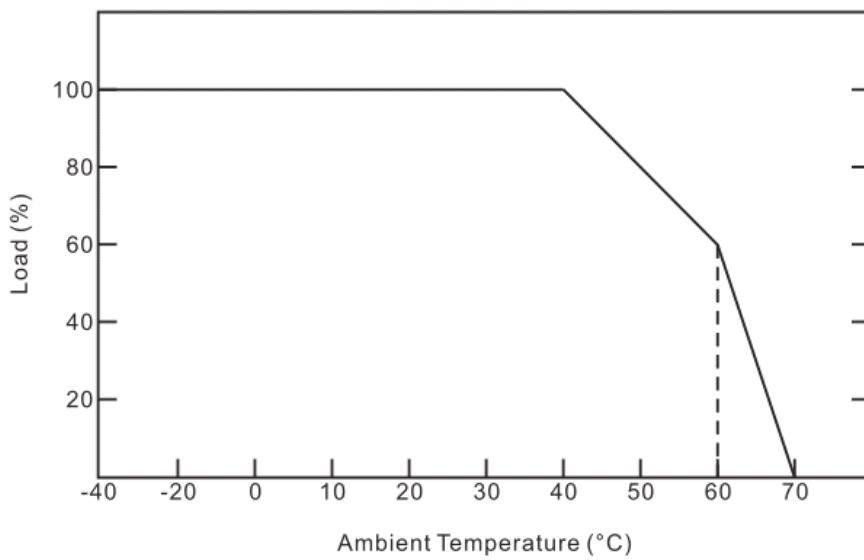


10V PWM duty ratio signal curve

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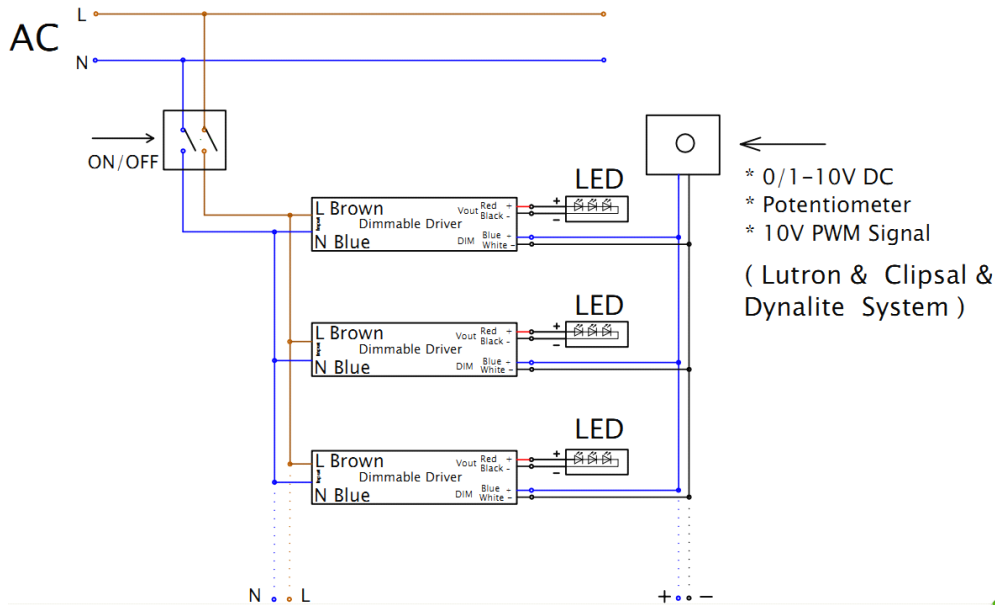
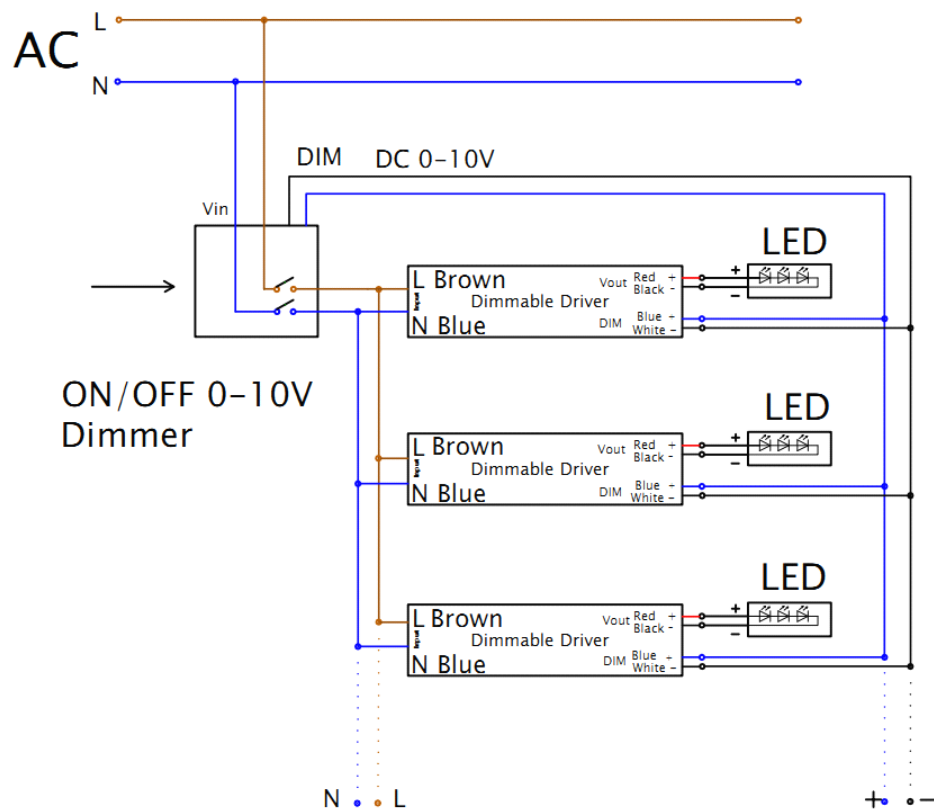
■ Derating Curve



※ To extend their life ,please refer to the Derating Curve and derate according to the temperature

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■ Connect Drawing



■ Instruction

- 1) This driver should be installed by qualified and professional person;
- 2) Suitable for indoor use without direct sunlight exposure; Good ventilation are need;
- 3) Ensure that wiring is correct before test in order to avoid light damage;