

Constant Voltage LED Driver

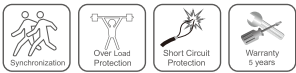
UPBH-60-24

a010127



Sensor

- 90-264VAC Input
- Constant voltage output, Max. total output power 60W
- Built-in active PFC function: 0.95 Typ
- Ultra-thin design, light weight and high efficiency
- Over-load / Short circuit protection
- Suitable for indoor LED lighting application
- 5 Year, 50,000hr warranty



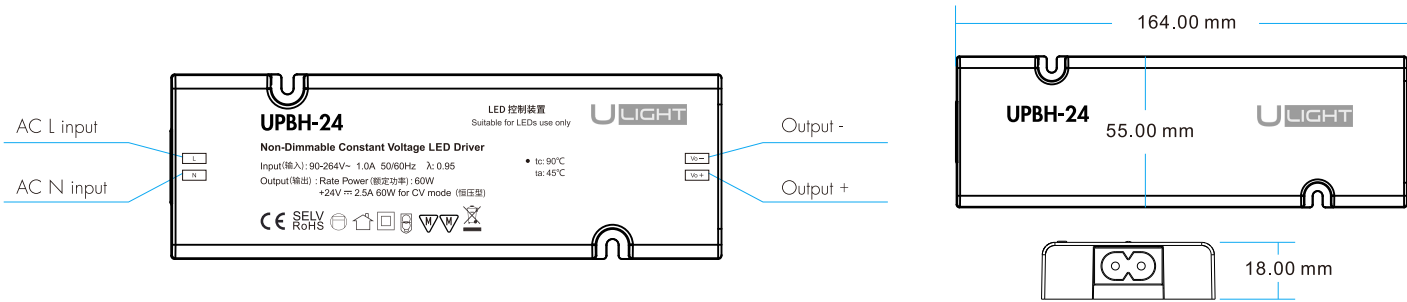
Applications

- Suitable for cabinet LED strip.

Technical Parameters

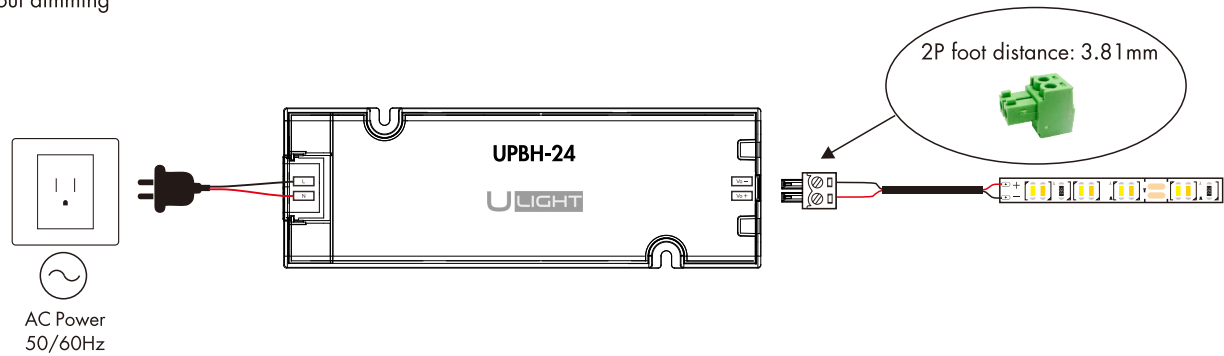
Output	Output Voltage	24VDC
	Output Current	Max. 2.5A
	Output Power	Max. 60W
	Startup time	1s/230VAC, 1.5s/115VAC
	Dimming Range	0~100%
	Ripple & Noise	500mVp-p
Input	Input Voltage Range	90~264VAC
	Frequency Range	50/60Hz
	Efficiency	85%
	Alternating Current	0.7A/100VAC, 0.3A/230VAC
	Power Factor	0.98
	No Load Power	0.3W
	Inrush Current	Cold start 28A
	Anti Surge	LN: 1KV
	Leakage Current	<0.75mA
Protection	Over Load	Shut down the output Voltage, when the load>=110%~140%, auto recovers.
	Short Circuit	Shut down the output Voltage, auto recovers
Environment	Working Temperature	-20℃~45℃
	Tcase Max	90℃
	Working Humidity	20%~90%RH, non-condensing
	Storage Temperature/Humidity	-40℃~80℃, 10%~95%RH
	Temperature Coefficient	±0.03%/℃ (0-50%)
	Vibration Resistance	10-500Hz, 2G, 6min/cycle, X, Y, Z axes/2min
	IP Rating	IP42
Safety & EMC	Security Specifications	IEC/EN61347-1, IEC/EN61347-2-13, GB19510.14
	Withstand Voltage	I/P-O/P: 3750VAC
	Insulation Resistance	I/P-O/P: 100MΩ / 500VDC / 25℃ / 70%RH
	EMC Emission	EN61000-3-2 Class C, IEC61000-3-3
	EMC Immunity	EN61000-4-2.3.4.5.6.8.11, EN61547
	Certifications	CE
Others	Net weight	250g
	Gross weight	270g
	Size	164x55x18mm
NOTE	All parameters NOT specially mentioned are measured at 230VAC input, rate current and 25 °C of ambient temperature.	

Mechanical Structures and Installations

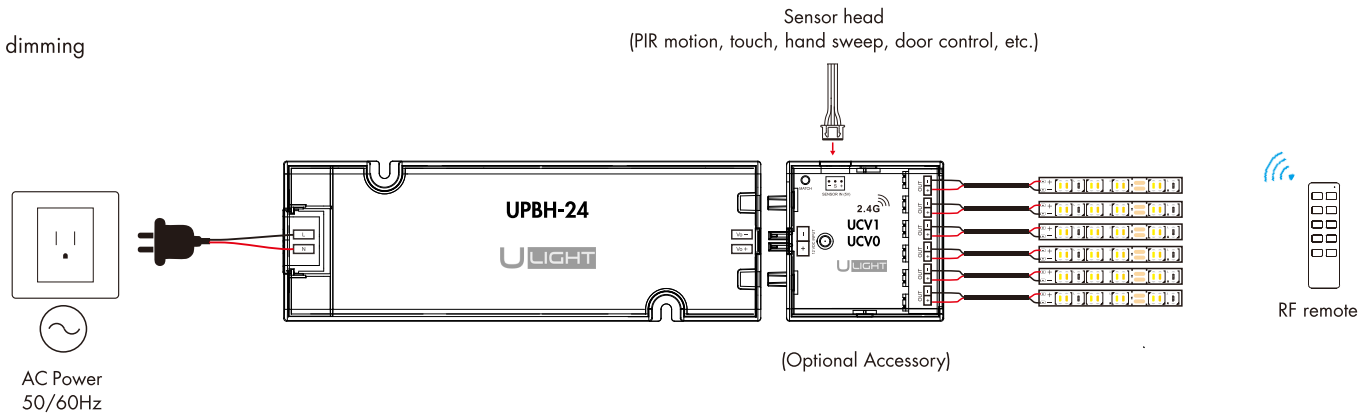


Wiring Diagram

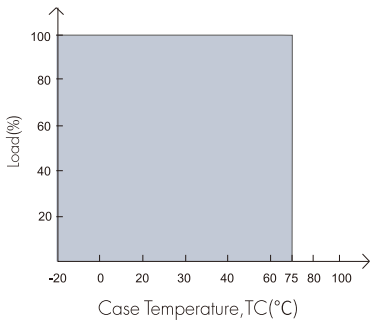
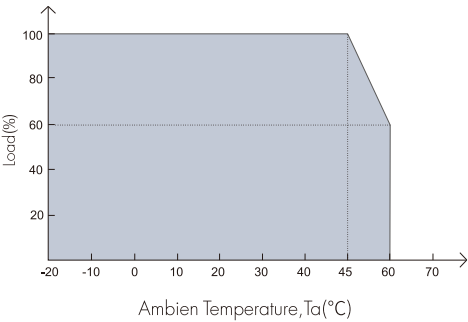
1. Without dimming



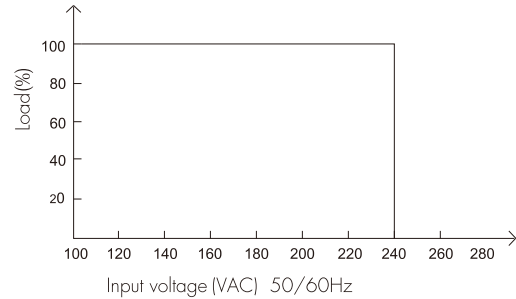
2. With dimming



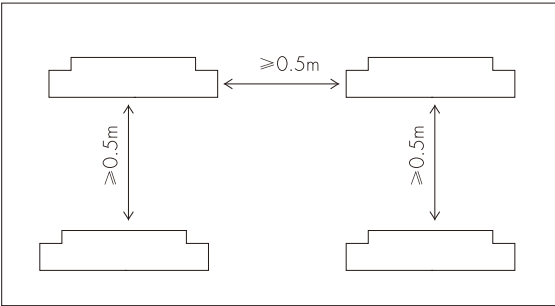
Output Load VS Temperature



Static characteristic

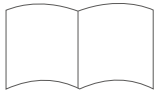


Installation precautions



Please do not stack the products.
The distance between two products should be $\geq 0.5m$,
so as not to affect heat dissipation and lifespan of the products.

Packing List

					
LED Driver 1 pcs	User Manual 1 pcs	2P Terminal 1 pcs	Accessories (screw 2 pcs)	Slotted screwdriver 1 pcs	Power supply cable (Line length 1.5 meters) 1 pcs