

HL-V144-A/B16 Data Sheet

Part Number:

HL-V144-A16, built-in power transformer and alu-base; Diffused or clear tube in 0.5 and 1 meter lengths respectively;

HL-V144-B16, needs standalone power supply to drive, provided with mounting clips. Diffused or clear tube in 0.5, 1, 1.5 & 2-Meter lengths respectively;

Overview:

HL-V144 digital video tube light introduces an eye-catching new element to the designer's toolbox. It's based on LED semi-conductive digital RGB techniques, supporting universal DMX512 standard protocol, users can modulate up to millions of colors and realize multiple color changing effects, with plug and play connectors, easy to install. By using video signal for control,HL-V144 digital video tube light can deliver countless looks from multiple color changes to video displays. There's no limit to what can be displayed.

How it works:

Each tube uses super flux LEDs to give a broad range of fascinating colors. The diffused (milky) tube gives smoothly light output and durability, it's suitable for indoor applications, while the clear tube gives even more bright light, suitable for outdoor applications.

Place the tubes in any layout to run coordinated effects throughout. Just like a television screen whose image is created by thousands of individual pixels, each HL-V144 digital video tube contains 16 pixels per M, each pixel is composed of 3 red, 3 green and 3 blue LEDs per meter. Think of each tube as a small slice of a TV display.

Working with our control systems to display any images online from computer/laptop or SD card offline controller, we have a control system, the model is HL-501, this system includes one master controller HL-501A and slave controller HL-501B, one master controller can work with maximum 32pcs slave controllers, and one slave controller can run 256 digital video tubes, it can be used either as an online PC real time controller or an SD card offline controller, what you see on your computer is displayed on the pixel screen if the screen is large enough; when you use it as an offline controller, you can use our software to create or record any effect , and generate a dat file, just put the dat file into the SD card, then sit down and enjoy your wonderful effects at your

fingertips.

This digital tube can also work with our digital controller, this controller HL-200SPI has 30 pre-programmed modes, one can run 200 meters.

Specifications:

HL-V144-A16			HL-V144-B16		
Resolution	16 pixels per meter		Resolution	16 pixels per meter	
Colors	16.77millions		Colors	16.77millions	
Output	900 nits(cd/m ²)		Output	900 nits(cd/m ²)	
Dimensions	Length	0.5m; 1m	Dimensions	Length	0.5m; 1m; 1.5m; 2m; 2.5m; 3m
	Width	50mm		Width	50mm
	height	75mm		Diameter	52mm
Lens	milky or clear		Lens	milky or clear	
Power input	AC90V-250V		Power input	AC90V-250V	
Power consumption	12W/ meter		Power consumption	12W/ meter	
Control	HL-301 or HL-201		Control	HL-301 or HL-201	
IP	66		IP	66	
Tenure	Over 50, 000hrs		Tenure	Over 50, 000hrs	
Weather rating	Both indoo and outdoor		Weather rating	Both indoo and outdoor	
Operation temperature	.-35°C--55°C		Operation temperature	.-35°C--55°C	
LED quantity	144 pcs/meter		LED quantity	144 pcs/meter	
Qty per carton	12pcs/carton		Qty per carton	12pcs/carton	
Weight	1.7kg/meter		Weight	1.7kg/meter	