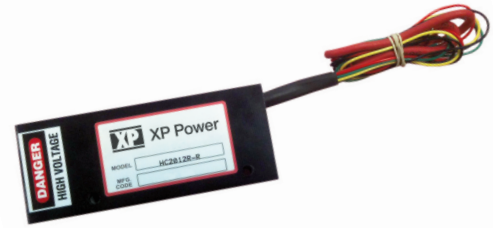


Constant Current Lamp Supply

- Up to 20mA Output Current
- Output Voltage 100V - 300V
- Input Voltage 24V
- Compact Encapsulated Package
- Potentiometer for Manual Adjustment

The HC2024 is a compact, modular hollow cathode lamp power supply featuring adjustable output current and a remote enable/disable control signal. Both the ignition and the drive voltages are supplied and the current is adjustable from 0 to 20 mA. Connections are via flying leads and there are two 0.140" mounting holes.



Dimensions:

HC2024: 3.75 x 1.5 x 1.0" (95.3 X 38.1 X 25.4mm)

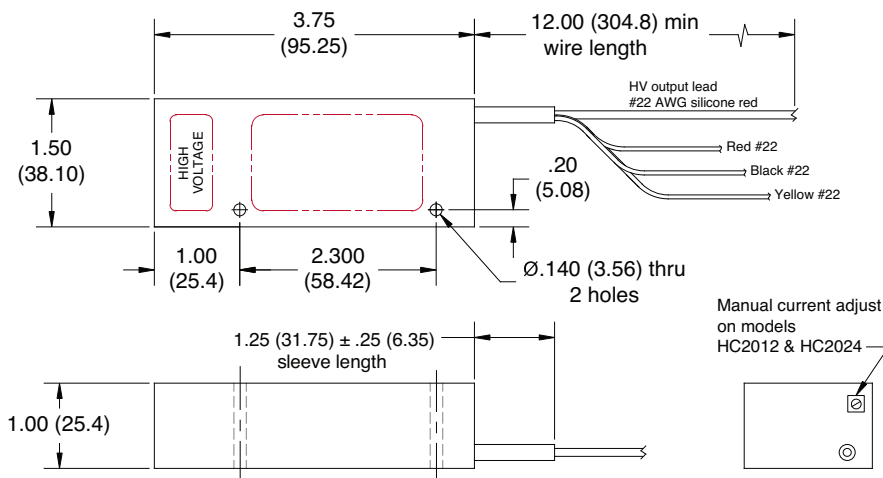
Key Applications:

- Hollow Cathode Lamp

General Specifications

Characteristic	Minimum	Typical	Maximum	Units	Notes & Conditions
Input Voltage	22.8	24	26.4	V	
Output Voltage	100		300	V	
Output Current	0		20	mA	Manually adjustable via potentiometer
Ignition Voltage		500		V	
ON/OFF Control	0		5	V	Open Collector Compatible, OFF= ground to 0.5V, ON= >2.5V
Construction	Fiberglass case material. Solid vacuum encapsulation, UL 94 V-0 rated.				
Operating Temperature	-10		+60	°C	Case temperature
Storage Temperature	-10		+95	°C	

Mechanical Details



Pin	Description	Description
Red	30KV Silicone 22 AWG	(+) HV Output
Red	600V TFE 22 AWG	(+) Input
Black	600V TFE 22 AWG	Return
Yellow	600V TFE 22 AWG	ON/OFF Control

Notes

1. All dimensions are in inches (mm)
2. Weight: 4.5oz (128g)

3. Tolerance: X.XX ±0.03 (0.76)