

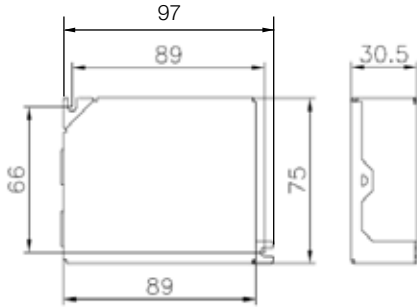
# Specification Sheet : H4-120-50HSC

50W MH  
120V 50/60 Hz  
SIDE LEADS

M110, M148



## Mechanical Data:



CASE MATERIAL	ALUMINUM
CASE LENGTH	89mm, 3.5"
CASE WIDTH	75mm, 2.95"
HEIGHT	30.5mm, 1.20"
OVERALL LENGTH	97mm, 3.82"
MOUNTING LENGTH	89mm, 3.5"
WEIGHT	0.62 lbs

## Hot Spot:

Tcase max: 85°C



## Installation & Application:

1. Maximum allowable case temperature is 85°C. See Hot Spot section for measurement location.
2. Ignition pulse is 4kV max.
3. Ballast output will shutdown after 25 minutes if lamp fails to ignite.
4. Power must be cycled off then on, after replacing lamp.
5. Do not install insulation above or within 3 inches of ballast sides
6. Can be remotely installed up to 12 feet from lamp.

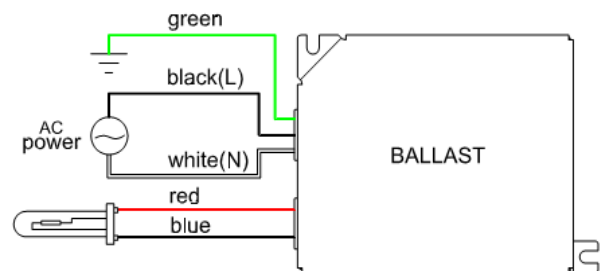
## Electrical Data:

LAMP	1 LAMP, 50W MH
INPUT VOLTS	120
LINE CURRENT (AMPS)	0.49
INPUT POWER (WATTS)	57W
MIN POWER FACTOR	>0.98
MIN STARTING TEMPERATURE	-30°C/-20°F
THD	<15%
ANSI CODE	M110, M148
CCF	<1.5
EMI/RFI	FCC PART18 CLASS A, NON-CONSUMER
FREQUENCY	140-220 Hz
TYPE	1 OUTDOOR

## Wiring Diagram:

WIRE LENGTH	BLACK	WHITE	RED	BLUE	GREEN
	9"	9"	9"	9"	9"

Bottom View, Side Leads



Ballast Case Must Be Grounded.

## Performance:

1. Short Circuit Operation Protection
2. Open Circuit Operation Protection
3. Ignitor Failure Protection
4. End of Lamp Life Protection