

Specification Sheet: H4-120-50HSC

50W MH 120V 50/60 Hz SIDE LEADS

M110, M148



Mechanical Data: 89 99 89

CASE MATERIAL CASE LENGTH CASE WIDTH **HEIGHT OVERALL LENGTH** MOUNTING LENGTH WEIGHT

ALUMINUM 89mm, 3.5" 75mm, 2.95" 30.5mm, 1.20" 97mm, 3.82" 89mm, 3.5" 0.62 lbs
75mm, 2.95" 30.5mm, 1.20" 97mm, 3.82" 89mm, 3.5"
30.5mm, 1.20" 97mm, 3.82" 89mm, 3.5"
97mm, 3.82" 89mm, 3.5"
89mm, 3.5"
,
0.62 lbs

Hot Spot: Tcase max: 85°C HOT SPOT

Electrical Data:

LAMP INPUT VOLTS LINE CURRENT (AMPS) INPUT POWER (WATTS) MIN POWER FACTOR MIN STARTING TEMPERATURE THD ANSI CODE CCF

EMI/RFI **FREQUENCY**

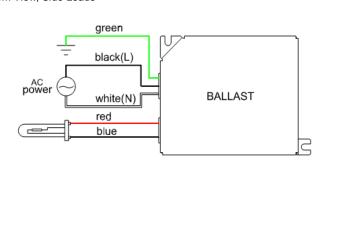
TYPE

	1 LAMP, 50W MH
	120
	0.49
	57W
	>0.98
	-30°C/-20°F
	<15%
	M110, M148
	<1.5
FCC	PART18 CLASS A, NON-CONSUMER
	140-220 Hz
	1 OUTDOOR

Wiring Diagram:

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

Bottom View, Side Leads



Ballast Case Must Be Grounded.

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.

Performance:

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

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 3 years from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham product catalog (www.fulham.com).