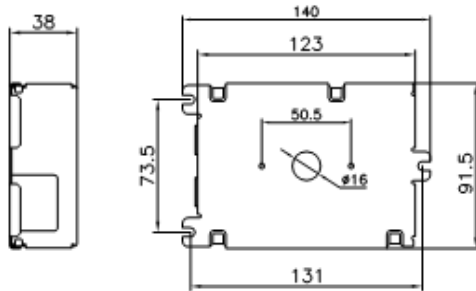


# Specification Sheet : H5-UNV-70HBC

70W MH M98, M139,  
120-277V 50/60 Hz C139, M143  
BOTTOM LEADS



## Mechanical Data:



8/32 x 0.3" PEM STUD 2" CENTER TO CENTER

CASE MATERIAL	ALUMINUM
CASE LENGTH	123mm, 4.84"
CASE WIDTH	91.5mm, 3.60"
HEIGHT	38mm, 1.50"
OVERALL LENGTH	140mm, 5.51"
MOUNTING LENGTH	131mm, 5.16"
WEIGHT	1.30 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:

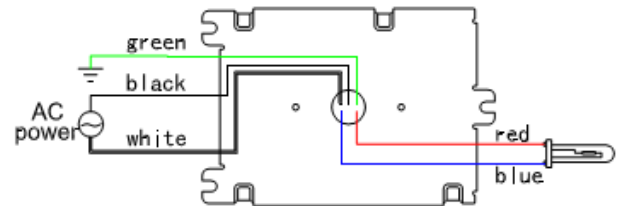
LAMP  
INPUT VOLTS  
LINE CURRENT (AMPS)  
INPUT POWER (WATTS)  
MIN POWER FACTOR  
MIN STARTING TEMPERATURE  
THD  
ANSI CODE  
CCF  
EMI/RFI  
FREQUENCY  
TYPE

1 LAMP, 70W MH	
120	277
0.66	0.29
78W	
>0.95	
-30°C/-20°F	
<20%	
M98, M139, C139, M143	
<1.5	
FCC PART18 CLASS A, NON-CONSUMER	
140-220 Hz	
1 OUTDOOR	

## Wiring Diagram:

WIRE LENGTH	BLACK	WHITE	RED	BLUE	GREEN
	10"	10"	10"	10"	10"

Bottom View, Bottom Leads



Ballast Case Must Be Grounded.

## Performance:

1. Short Circuit Operation Protection
2. Open Circuit Operation Protection
3. Ignitor Failure Protection
4. Thermal Protection
5. 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](http://www.fulham.com)).

Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described.