

JAMES



Ballast Type	Metal Halide
Lamp	70W
Circuit Type	HX-NPF w/o capacitor HX-HPF with capacitor
Input Frequency	60 Hz

Model No:		Metal Halide 70W-CWA				Capacitor (Optional)		
Input Voltage		120	208	240	277	Capacitance	8 μ F \pm 3%	
Operating Current (HPF)		0.9	0.5	0.4	0.4	Minimum Volts	280V	
Open Circuit Current		1.5	0.9	0.8	0.7	Dry	Diameter	1.20"
Starting Current (*ANSI: 0.9 ~ 1.5)		1.1	1.1	1.1	1.1		Height	2.70"
CCF (*ANSI: \leq 1.8)		1.5	1.5	1.5	1.5	Oil	Diameter	
Short Circuit Current	Secondary	1.2	1.2	1.2	1.2		Height	
	Input	1.0	0.6	0.5	0.5	Case Max. Temperature	105°C Dry	
Recommended Fuse (HPF)		6	3	3	2	Ignitor (Required)		
Input Voltage At Lamp Dropout						Ignitor Model	MHR1	
UL 1029 Bench Top Rise		A	A	A	A	Pulse Height (kV)	3.0 ~ 4.0	
OCV (*ANSI: \geq 235)		257 (235 ~ 330)				Pulse Width ($\geq\mu$ s)	1.3 @ 2.7	
Input Power		88W						
Power Factor		\geq 90%						
Regulation	Line Volts	\pm 5%						
	Lamp Watts	\pm 5%						
Insulation System		Class H, 180°C						
Ballast Dimension	A	1.5"						
	B	2.8"						
Ballast Net Weight		5.0 lbs.						
Leads		12"-Cross Link Polyolefin				Min. Starting Temp.	-20°F / -30°C	

* Ref. ANSI C78.43-2007

Ballast Dimension	Wiring Diagram
<p>Ballast Dimension</p> <p>3" x 4" core</p> <p>4 Holes \geq 0.195" Cleared for #10 bolts</p>	<p>Wiring Diagram</p> <p>CAP (BLK/WHT): 277V (Black), 240V (Violet), 208V (Orange), 120V (BLK/YEL)</p> <p>LAMP (Red): X3 (Blue), X1 (Red), X2 (White)</p> <p>IGNITOR</p> <p>COM (White)</p>
<p>Ignitor (Kit)</p> <p>2.6"</p> <p>1.4"</p>	<p>Capacitor (Kit)</p> <p>Height</p> <p>Diameter</p> <p>Dimensions are \pm 0.06". Contact Jefferson Electric for additional case dimensions</p>

When ordering, add suffix for options:

- I – with ignitor
- DC – with dry film capacitor
- OC – with oil filled capacitor
- K – with distributor replacement kit (include bracket, capacitor and ignitor as necessary.)

Specifications are subject to change without notice.

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