



407-0100-04T	
Ballast Type	High Pressure Sodium
Lamp	100W S54
Circuit Type	HX-NPF w/o capacitor HX-HPF with capacitor
Input Frequency	60 Hz

Model No: 407-0100-04T					Capacitor (Optional)		
Input Voltage	120	208	240	277	Capacitance	10 $\mu$ F $\pm$ 3%	
Operating Current (HPF)	1.1	0.7	0.6	0.5	Minimum Volts	280V	
Open Circuit Current	2.2	1.3	1.1	0.9	Dry	Diameter	1.20"
Starting Current (*ANSI: 2.1 ~ 3.2)	2.7	2.7	2.7	2.7		Height	2.70"
CCF (*ANSI: $\leq$ 1.8)	1.5	1.5	1.5	1.5	Oil	Diameter	
Short Circuit Current	Secondary	2.7	2.7	2.7		2.7	Height
	Input	0.8	0.4	0.4	0.4	Case Max. Temperature	105°C Dry
Recommended Fuse (HPF)	8	5	5	3	Ignitor (Required)		
Input Voltage At Lamp Dropout					Ignitor Model	HPSR1	
UL 1029 Bench Top Rise	B	B	B	B	Pulse Height (kV)	2.5 ~ 4.0	
OCV (*ANSI: $\geq$ 110)	119 (110 ~ 130)				Pulse Width ( $\geq$ $\mu$ s)	1.0 @ 2.3	
Input Power	123W						
Power Factor	$\geq$ 90%						
Regulation	Line Volts	$\pm$ 10%					
	Lamp Watts	$\pm$ 10%					
Insulation System	Class H, 180°C						
Ballast Dimension	A	2.0"					
	B	3.5"					
Ballast Net Weight	6.2 lbs.						
Leads	12"-Cross Link Polyolefin				Min. Starting Temp.	-20°F / -30°C	

\* Ref. ANSI C78.42-2004

<p><b>Ballast Dimension</b></p>	<p><b>Wiring Diagram</b></p>
<p><b>Ignitor (Kit)</b></p>	<p><b>Capacitor (Kit)</b></p> <p>Dimensions are <math>\pm</math> 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.

Data is based upon tests performed in a controlled environment and represents relative performance. Actual performance may vary depending on lamp and operating conditions. Specifications are subject to change without notice

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