



407-0250-05T	
Ballast Type	High Pressure Sodium
Lamp	250W S50
Circuit Type	CWA
Input Frequency	60 Hz

Model No:	407-0250-05T					Capacitor (Required)		
Input Voltage	120	208	240	277	480	Capacitance	35 μ F \pm 3%	
Operating Current	2.5	1.5	1.3	1.1	0.6	Minimum Volts	240V	
Open Circuit Current	1.6	0.9	0.8	0.7	0.4	Dry	Diameter	1.80"
Starting Current (*ANSI: 3.0 ~ 4.5)	4.1	4.1	4.1	4.1	4.1		Height	3.60"
CCF (*ANSI: \leq 1.8)	1.6	1.6	1.6	1.6	1.6	Oil	Diameter	
Short Circuit Current	Secondary	3.8	3.8	3.8	3.8		3.8	Height
	Input	1.3	1.0	0.8	0.8	0.4	Case Max. Temperature	105°C Dry
Recommended Fuse	7	4	4	3	2	Ignitor (Required)		
Input Voltage At Lamp Dropout						Ignitor Model	HPS24	
UL 1029 Bench Top Rise	D	A	D	B	B	Pulse Height (kV)	2.5 ~ 4.0	
OCV (*ANSI: \geq 175)	186 (175 ~330)					Pulse Width ($\geq\mu$ s)	1.0 @ 2.3	
Input Power	292W							
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	3.6"						
Ballast Net Weight	12.0 lbs.							
Leads	12"-Cross Link Polyolefin					Min. Starting Temp.	-20°F / -30°C	

* Ref. ANSI C78.42-2004

Ballast Dimension	Wiring Diagram
<p>4 1/4" x 4 3/4" core</p> <p>4 Holes \geq 0.195" Cleared for #10 bolts</p>	
Ignitor (Kit)	Capacitor (Kit)
	<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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