



BALLAST SPECIFICATIONS

250W S50

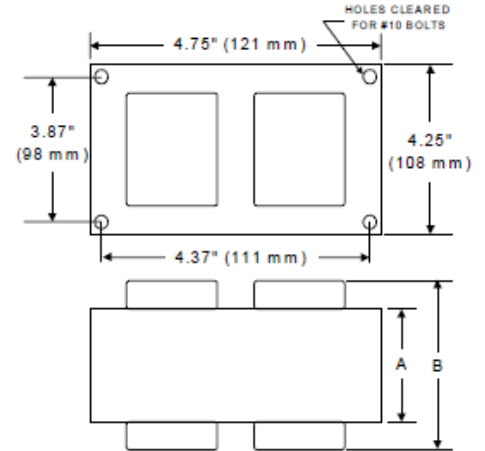
High Pressure Sodium

S250S-4

60 Hz CWA

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	2.50	1.45	1.25	1.10
Open Circuit	1.90	1.10	0.95	0.85
Starting	1.80	1.00	0.90	0.75
Regulation				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±13%	±13%	±13%	±13%
UL Temperature Ratings				
Insulation Class	H	H	H	H
Coil Temperature Code	B	B	B	B
Benchtop Coil Rise	77.4	79.3	79.1	77.9
Input Watts	295 W	295 W	295 W	295 W
NOM. Open Circuit Voltage	195	195	195	195
Power Factor	90%	90%	90%	90%
Current Crest Factor	1.65	1.65	1.65	1.65
Input Voltage At Lamp Dropout	85	145	170	195
MIN. Ambient Starting Temp.	-40°F / -40°C	-40°F / -40°C	-40°F / -40°C	-40°F / -40°C
60 Hz TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	1,600 V	1,600 V	1,600 V	1,600 V
1 Second	2,000 V	2,000 V	2,000 V	2,000 V
Open Circuit Voltage Test (V)	175 – 215	175 – 215	175 – 215	175 – 215
Short Circuit Current Test (A)				
Min	3.80	3.80	3.80	3.80
Secondary Current				
Max	4.70	4.70	4.70	4.70
Min	1.25	0.70	0.60	0.50
Input Current				
Max	1.90	1.10	0.95	0.85
Recommended Fuse (Amps)	7	4	4	3
CORE and COIL Specifications				
Dimension (A)	1.80 in	1.80 in	1.80 in	1.80 in
Dimension (B)	3.60 in	3.60 in	3.60 in	3.60 in
Weight	11.0 lbs	11.0 lbs	11.0 lbs	11.0 lbs
Lead Lengths	12"	12"	12"	12"
Capacitor Requirement				
Microfarads	35.0 uf	35.0 uf	35.0 uf	35.0 uf
Volts (Min)	240 V	240 V	240 V	240 V

4X4 CORE – HX, CWA & CWI UNITS



Capacitor: CA35280DL

Ignitor: S100V

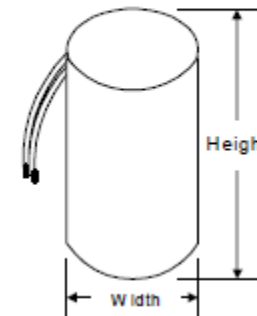
Temp Rating: 100 °C

Temp: 105 °C

Height: 3.92 in

BTL: 2 ft

Dia/Oval Dim 1.60 in



Plastic Dry Film Capacitor

