

**Specification Sheet**

**Catalog Number: S150MLTAC3M**

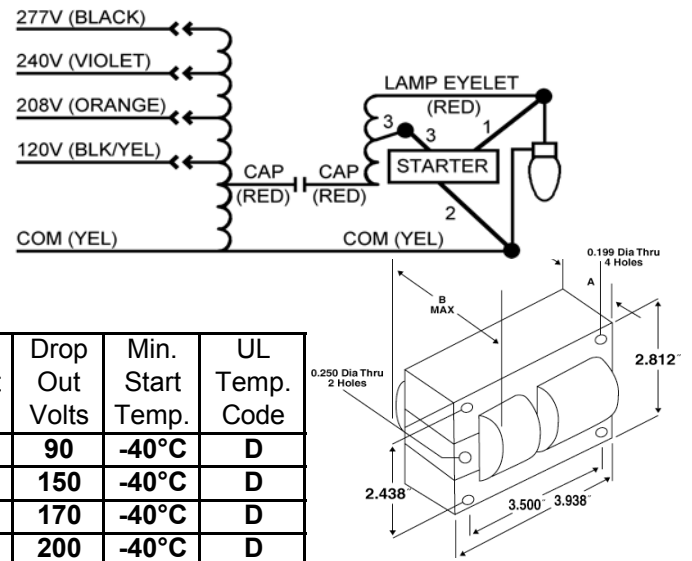
**150W HIGH PRESSURE SODIUM**

**Document #: 010-10068-03**

**Date: 12/11/2003**

Lamp Type	<b>150W</b>
ANSI Designation	<b>S56</b>
Line Voltage	<b>120/208/240/277</b>
Regulation	<b>10%</b>
Frequency	<b>60 HZ</b>
Recommended Fuse	<b>5/3/3/3</b>
Circuit Type	<b>CWA</b>
Insulation Class	<b>180 C</b>
Capacitor Value	<b>20 MF</b>
Capacitor Volt Rating	<b>240 VOLTS</b>
Capacitor Part Number	<b>005-4066-P</b>
Lamp Starter	<b>HPS150-3A</b>

Replaces Catalog #	<b>1230-177</b>
Samples Available	<b>Yes</b>
Production Available	<b>Yes</b>
Agency Certification	<b>UL &amp; CSA</b>
Maximum Distance to Lamp	<b>10 FT</b>



**FEATURES: Utilizes Precise-Wound Coils**  
**Electrical Characteristics**

Line Volt	Power Factor	Line Current in Amps			Input Watts	Open Circuit Volts	Drop Out Volts	Min. Start Temp.	UL Temp. Code
		Oprtn	Open	Start					
<b>120</b>	<b>High</b>	<b>1.65</b>	<b>1.20</b>	<b>1.15</b>	<b>188</b>	<b>210</b>	<b>90</b>	<b>-40°C</b>	<b>D</b>
<b>208</b>	<b>High</b>	<b>1.00</b>	<b>0.68</b>	<b>0.65</b>	<b>188</b>	<b>210</b>	<b>150</b>	<b>-40°C</b>	<b>D</b>
<b>240</b>	<b>High</b>	<b>0.85</b>	<b>0.60</b>	<b>0.55</b>	<b>188</b>	<b>210</b>	<b>170</b>	<b>-40°C</b>	<b>D</b>
<b>277</b>	<b>High</b>	<b>0.75</b>	<b>0.55</b>	<b>0.49</b>	<b>188</b>	<b>210</b>	<b>200</b>	<b>-40°C</b>	<b>D</b>

**Reference Drawing**

**Test Limits**

Line Volt	Power Factor	Line Current, Amps						Open Circuit Voltage (V)		Short Circuit Current (A)	
		Operating		Open		Short		Min.	Max.	Min.	Max.
<b>120</b>	<b>High</b>	<b>1.50</b>	<b>1.83</b>	<b>0.60</b>	<b>1.72</b>	<b>0.70</b>	<b>1.30</b>	<b>195</b>	<b>230</b>	<b>2.30</b>	<b>3.00</b>
<b>208</b>	<b>High</b>	<b>0.91</b>	<b>1.11</b>	<b>0.34</b>	<b>0.97</b>	<b>0.40</b>	<b>0.73</b>	<b>195</b>	<b>230</b>	<b>2.30</b>	<b>3.00</b>
<b>240</b>	<b>High</b>	<b>0.77</b>	<b>0.94</b>	<b>0.30</b>	<b>0.86</b>	<b>0.34</b>	<b>0.62</b>	<b>195</b>	<b>230</b>	<b>2.30</b>	<b>3.00</b>
<b>277</b>	<b>High</b>	<b>0.68</b>	<b>0.83</b>	<b>0.28</b>	<b>0.79</b>	<b>0.30</b>	<b>0.60</b>	<b>195</b>	<b>230</b>	<b>2.30</b>	<b>3.00</b>

**Physical Characteristics**

Overall Dimensions, Inches				Mounting Holes (In.)			Bracket Mntng Dim		Capacitor Dim.		Ballast Net Weight	Lead Length Inches
Length	Height	Stack	Over Coils	Diam	Length	Width	Length	Width	Dia.	Length		
<b>3.94</b>	<b>2.81</b>	<b>2.50</b>	<b>3.90</b>	<b>0.25</b>	<b>3.50</b>	<b>2.44</b>	-	-	<b>1.60</b>	<b>3.60</b>	<b>8.00</b>	<b>12-14</b>

Application and Performance Specification Information Subject to Change without Notification.