

# Technical Data Sheet

## SY-250-MH-PS-TRI-KIT

### R10780-003



Magnetic High Intensity Discharge Ballast  
 High Power Factor - Constant Wattage Autotransformer  
 Class H (180°C) insulation system  
 Type 1 Outdoor | Class P  
 No PCB'S

### Technical/Electrical Data

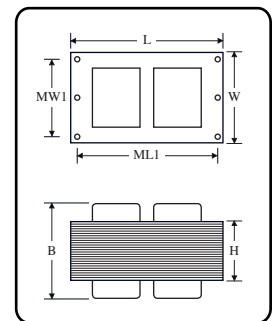
No. of Lamps	Lamps Operated	Rated Lamp Wattage	Input Operating Wattage	Input Voltage	Frequency	Power Factor	Line Regulation	Lamp Voltage	Open Circuit Voltage
1	250W MH PS	250W	284W	120/277/347V	60Hz	≥0.90	+/- 10%	133V	217V ~ 266V

Starting Current	Operating Current	Lamp Current	Lamp Efficiency	ANSI Lamp Code	Ignitor Model No.	Min. Starting Temperature	Max. Operating Temperature	Max. Distance to Lamp
2.20/1.00/0.80A	2.25/1.15/0.86A	2.10A	0.88	M138/M153	IGN-M-175-400	-40°C	155°C	2ft.

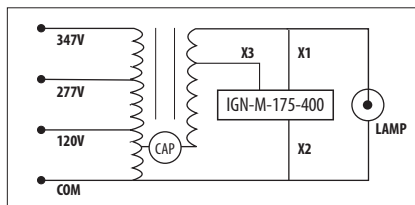
### Physical Characteristics

Length (L)	Width (W)	Core Height (H)	Ballast Height (B)	Mounting Length (ML1)	Mounting Width (MW)	Mounting Hole Diameter	Ballast Weight
121.0mm	109.0mm	41mm	91mm	111.5mm	98.4mm	6.5mm	3.70 kg



### Electrical Wiring Diagram

Ground ballast core and metallic capacitor case  
 Install in accordance with national and local electrical codes



### Product Labels

**120/277/347V**  
2.55/1.15/0.86A 60Hz  
**High Power Factor**  
**SY-250-MH-PS-TRI**

**Lamp Types**  
250W MH PS M138/M153

H09

21mfd 400V capacitor  
Class H (180°C) insulation system  
OCV: 242V  
Constant Wattage Autotransformer

Ground ballast core and metallic capacitor case  
Install in accordance with national and local electrical codes



**Symban Lighting Corp.**  
 99 First Gulf Blvd. Brampton, ON  
 T. 905.450.5999 | F. 905.450.6665

All specifications are subject to change without notice. Actual performance may vary depending on operating conditions.