

Technical Data Sheet

SY-1000-HPS-TRI-KIT

R14900-003



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

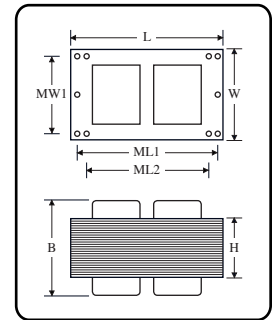
Technical/Electrical Data

No. of Lamps	Lamps Operated	Rated Lamp Wattage	Input Operating Wattage	Input Voltage	Frequency	Power Factor	Line Regulation	Lamp Voltage	Open Circuit Voltage
1	1000W HPS	1000W	1080W	120/277/347V	60Hz	≥0.90	+/- 10%	250V	435V ~ 490V

Starting Current	Operating Current	Lamp Current	Lamp Efficiency	ANSI Lamp Code	Ignitor Model No.	Min. Starting Temperature	Max. Operating Temperature	Max. Distance to Lamp
6.40/2.80/2.20A	9.50/4.20/3.30A	4.70A	0.83	S52	IGN-S-1000	-40°C	155°C	2ft.

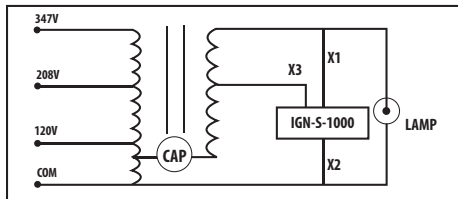
Physical Characteristics

Length (L)	Width (W)	Core Height (H)	Ballast Height (B)	Mounting Length (ML1)	Mounting Length (ML2)	Mounting Width (MW)	Mounting Hole Diameter	Ballast Weight
152.4mm	108.2mm	105mm	155mm	136.5mm	111mm	98.4mm	6.5mm	12.00 kg



Electrical Wiring Diagram

GROUND BALLAST CORE AND METALLIC CAPACITOR CASE
 INSTALL IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES



Product Labels

Symban
 120/277/347V
 9.40/4.10/3.00A
 HIGH POWER FACTOR
 SY-1000-HPS-TRI

H09 LAMP TYPES
 1000W HPS S52

26mfd 520V capacitor
 Class H (180°C) insulation system
 OCV: 470V
 Constant Wattage Autotransformer

GROUND BALLAST CORE AND METALLIC CAPACITOR CASE
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All specifications are subject to change without notice. Actual performance may vary depending on operating conditions.