High Pressure Sodium Lamp Ballast
Catalog Number 71A8753
For 1000W S52 60 Hz CWA Status: Active

DIMENSIONS AND DATA

4 1/4 X 6 CORE - 2 COIL UNIT

Capacitor: MD2602-030

Capacitance: 26
Dia/Oval Dim: 1.75
Height: 5.3
Temp Rating: 90°C

Ignitor: LI571-H5

Ballast to Lamp Distance (BTL) = 15 feet
Temp Rating: 105°C

INPUT VOLS

CIRCUIT TYPE CWA
POWER FACTOR (min) 98%
REGULATION
Line Volts ±10%
Lamp Watts WITHIN TRAPEZOID
LINE CURRENT (Amps)
Operating 9.28 5.32 4.68 4.03 2.31
Open Circuit 3.90 2.19 2.01 1.71 0.96
Starting 7.80 4.38 3.82 3.30 1.90

UL TEMPERATURE RATINGS
Insulation Class H(180°C)
Coil Temperature Code C
MIN. AMBIENT STARTING TEMP. -40°F or -40°C
NOM. OPEN CIRCUIT VOLTAGE
INPUT VOLTAGE AT LAMP DROPOUT T100
INPUT WATTS
RECOMMENDED FUSE (Amps)

CORE and COIL
Dimension (A) 3.97
Dimension (B) 6.00
Weight (lbs.) 29
Lead Lengths 18"

CAPACITOR REQUIREMENT
Microfarads 26.0
Volts (min.) 525
Fault Current Withstand (amps)

60 Hz TEST PROCEDURES (Refer to Philips Lighting Electronics N.A. TEST Procedure for HID Ballasts - Form High Potential Test (Volts)
1 minute 2000
2 seconds 2500
Open Circuit Voltage Test (Volts)
Short-Circuit Current Test (Amps)
Secondary Current
Input Current

Wiring Diagram:

Typical Ordering Information
(order please call Philips Lighting Electronics N.A. for suffix availability)

Order Suffix Description

PHILIPS LIGHTING ELECTRONICS N.A.
10275 WEST HIGGINS ROAD · ROSEMONT, IL 60018
Tel: 800-322-2086 · Fax: 888-423-1882 · www.philips.com/advance

Revised: 01/12/06

Data is based upon tests performed by Philips Lighting Electronics N.A. in a controlled environment and is representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.