

PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

Catalog Number AS205WQUADEE
For 205W C184 ALLSTART
60 Hz SUPER-CWA
Status: Active

DIMENSIONS AND DATA

4 1/4 X 4 3/4 CORE - 2 COIL UNIT



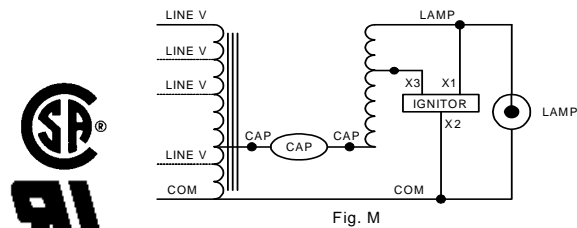
| | 120 | 208 | 240 | 277 |
|--------------------------------------------------------------------------------------|----------------|-----------|-----------|-----------|
| INPUT VOLTS | | | | |
| CIRCUIT TYPE | SUPER-CWA | | | |
| POWER FACTOR (min) | 95% | | | |
| REGULATION | | | | |
| Line Volts | ±10% | | | |
| Lamp Watts | ±10% | | | |
| LINE CURRENT (Amps) | | | | |
| Operating..... | 2.00 | 1.13 | 1.00 | 0.86 |
| Open Circuit..... | 1.78 | 0.96 | 0.90 | 0.76 |
| Starting..... | 1.55 | 0.89 | 0.78 | 0.77 |
| UL TEMPERATURE RATINGS | | | | |
| Insulation Class | H(180°C) | | | |
| Coil Temperature Code | 1029 | | | |
| MIN. AMBIENT STARTING TEMP. | -20°F or -30°C | | | |
| NOM. OPEN CIRCUIT VOLTAGE | 280 | | | |
| INPUT VOLTAGE AT LAMP DROPOUT..... | 60 | 104 | 120 | 139 |
| INPUT WATTS | 232 | | | |
| RECOMMENDED FUSE (Amps)..... | 5 | 3 | 3 | 2 |
| CORE and COIL | | | | |
| Dimension (A) | 1.71 | | | |
| Dimension (B) | 3.68 | | | |
| Weight (lbs.) | 11.8 | | | |
| Lead Lengths | 12" | | | |
| CAPACITOR REQUIREMENT | | | | |
| Microfarads | 16.0 | | | |
| Volts (min.) | 400 | | | |
| Fault Current Withstand (amps) | | | | |
| 60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270) | | | | |
| High Potential Test (Volts) | | | | |
| 1 minute | 2000 | | | |
| 2 seconds | 2500 | | | |
| Open Circuit Voltage Test (Volts) | 254-308 | | | |
| Short-Circuit Current Test (Amps) | | | | |
| Secondary Current | 2.26-2.76 | | | |
| Input Current..... | 1.15-1.73 | 0.67-1.00 | 0.57-0.86 | 0.50-0.75 |

Capacitor: 7C160P40



Capacitance: 16
Dia/Oval Dim: 1.75
Height: 3.75
Temp Rating: 105°C

Wiring Diagram:



Ordering Information

Order Suffix

Description

Ignitor: LI533-H4



Red (X1)
White (X2)
Blue (X3)

Ballast to Lamp Distance
(BTL) = 2 feet
Temp Rating: 105°C

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

Philips Lighting Electronic N.A.

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