



Core & Coil (71A) HPS < 200W

CORE & COIL HID HPS BAL 150W S55 QUAD C&C

The basic ballast is the open core and coil which is most often used as a component within a lighting luminaire. The core and coil also forms the nucleus of Philips Advance's five other ballast configurations.

Product data

• General Characteristics

| | |
|---------------------------|-----------------------|
| Lamp Type | 150W HPS |
| Number of Lamps | 1 piece |
| Line Voltage | 120/208/240/277 V |
| Input Current (Operating) | 1.65/0.95/0.83/0.72 A |
| Line Frequency | 60 Hz |
| Circuit Type | HX-HPF |
| Ballast Type | Magnetic HID |
| Base Model | 71A8192 |
| Core Size | 3 X 4 (2 LW) |
| Suitable for Outdoor use? | Yes |
| Ignitor Catalog Number | LI551-H4 |
| Ignitor Temp Rating | 105°C |
| Capacitor value [µF] | 14 MFD |
| Capacitor Catalog Number | 7C140M30RA |
| Capacitor Requirements | 280V |
| Capacitor Temp Rating | 105°C |
| Capacitor Dia/Oval Dim | 1.65 in |
| Capacitor Height | 2.75 in |
| Family Name | Core & Coil HPS |

• Operating Characteristics

| | |
|-------------------------------|--------------------|
| Automatic restart | No |
| Input Voltage at Lamp Dropout | 96/166/192/222 V |
| Nominal Open Circuit Voltage | 120 V |
| Inp. Current (Open Circuit) | 2.8/1.6/1.4/1.25 A |

| | |
|--------------------------------|---------------------------------------|
| Input Current (Starting) | 2/1.15/1/0.85 A |
| Input Current Short Circuit | 1.15-1.75/0.65-1/0.55-0.85/0.5-0.75 A |
| Secondary ShortCircuit Current | 3.95-4.85 A |
| Input Power Gear | 190 W |
| Constant wattage deviation | Within Trapezoid |
| Ballast factor | 1 - |
| Power Factor | 0.90 |

• Wiring Characteristics

| | |
|--------------------------------|------------|
| Wire Striplength | 0.5 mm |
| Wire Length by Color | 12" |
| Wire Type | Stranded |
| Allowed Wiring Config(Remote) | Yes |
| Max Dist. Ball to Lamp(Remote) | 2' |
| Recommended Fuse | 10/5/5/4 A |

• System Chars on driver level

| | |
|------------------|------|
| Rated Lamp Watts | 150W |
|------------------|------|

• Product Dimensions

| | |
|-----------------|--------|
| Length A1 | 3.9 in |
| Length A2 | 3.5 in |
| Width B1 | 2.8 in |
| Coil Depth C1 | 4.2 in |
| Stack Height C2 | 2.5 in |
| Width B2 | 2.4 in |

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• Approval & Application Chars

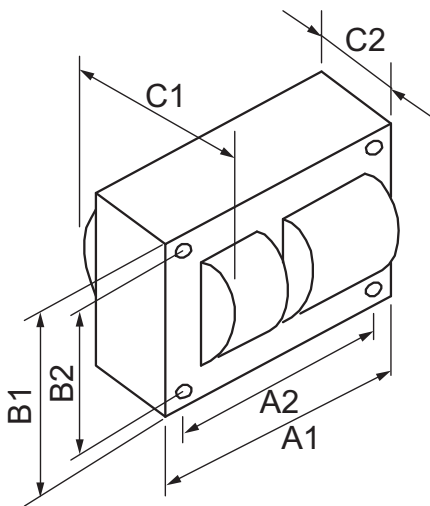
| | |
|--------------------------|----------------|
| Approbation Marks | ULR, CSA, RoHS |
| CE marking | No |
| VDE certificate | No |
| UL Listed | No |
| CSA certificate | Yes |
| CCC certificate | No |
| Chia Quality Certificate | No |
| Temperature marking | E/E/E/E |
| CEC Listing | No |
| cUL certificate | No |
| EISA | No |
| ETL Certificate | No |
| FIDE Certificate | No |
| NOM certificate | No |
| RoHS Compliant | Yes |
| SASO Certificate | No |
| UL Recognized | Yes |
| ANSI Code | S55 |

| | |
|--------------------------------|-----------|
| HiPot Test (1 minute) | 2000 V |
| HiPot Test (2 seconds) | 2500 V |
| Open Circ Voltage Test (Volts) | 110-130 V |
| UL Insulation Class | H(180°C) |
| UL Temperature Code | 1029E |

• Product Data

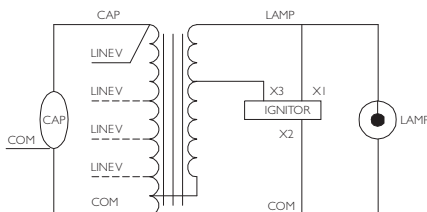
| | |
|--------------------|---------------------------|
| Product number | 71A8192500D |
| Full product name | HPS BAL 150W S55 QUAD C&C |
| Short product name | HPS BAL 150W S55 QUAD C&C |
| Pieces per Sku | 1 |
| Skus/Case | 4 |
| Bar code on pack | 781087819258 |
| Bar code on case | 50781087819253 |
| Logistics code(s) | 913700577109 |
| eop_net_weight_pp | 3.493 kg |

Dimensional drawing



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| Product | A1 (Norm) | A2 (Norm) | A3 (Norm) | B1 (Norm) | B2 (Norm) | C1 (Norm) | C2 (Norm) |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| HPS BAL 150W S55 QUAD C&C | 3.9 | 3.5 | - | 2.8 | 2.4 | 4.2 | 2.5 |



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data subject to change