



Core & Coil (71A) HPS ~LT~ 200W

CORE & COIL HID HPS BAL 150W S55 QUAD KIT

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 Information	
ANSI Code	S55
Lamp Type	150W HPS
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A8172
Core Size	3 X 4 (2 LW)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-H4
Ignitor Temperature Rating	105°C
Capacitor Value	14 MFD
Capacitor Catalog Number	7C140M30RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.65 in
Capacitor Height	2.75 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	120/208/240/277 V
·	

Input Current (Open Circuit) Input Current (Starting) Input Current (Short Circuit) Input Current (Short Circuit) Input Current (Short Circuit) Input Current (Short Circuit) Secondary Short Circuit Current 3.95-4.85 A Constant Wattage Deviation Within Trapezoid Ballast Factor (Nom) 1 Power Factor (Nom) Open Circuit Voltage 120 V Input Current (Nom) 1.65/0.95/0.83/0.72 A A Input Power (Nom) Power Nom) Rated Lamp Power 150 W Wiring Wire Striplength O.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Wiring Wiring Wire Striplength O.5 mm Wire Lamp Distance Remote Yes Max Ballast-Lamp Distance Remote Wiring	Input Frequency	60 Hz
Input Current (Short Circuit) 1.15-1.75/0.65-1/0.55-0.85/0.5-0.75 A Secondary Short Circuit Current 3.95-4.85 A Constant Wattage Deviation Within Trapezoid Ballast Factor (Nom) 1 Power Factor (Nom) Open Circuit Voltage 120 V Input Current (Nom) 165/0.95/0.83/0.72 A A Input Power (Nom) 190 W Rated Lamp Power 150 W Wiring Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Remote Wiring Configuration Allowed Max Ballast-Lamp Distance Remote 2'	Input Current (Open Circuit)	2.8/1.6/1.4/1.25 A
Secondary Short Circuit Current 3.95-4.85 A Constant Wattage Deviation Within Trapezoid Ballast Factor (Nom) 1 Power Factor (Nom) 0.90 Open Circuit Voltage 120 V Input Current (Nom) 165/0.95/0.83/0.72 A A Input Power (Nom) 190 W Rated Lamp Power 150 W Wiring Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Input Current (Starting)	2/1.15/1/0.85 A
Constant Wattage Deviation Within Trapezoid Ballast Factor (Nom) 1 Power Factor (Nom) 0.90 Open Circuit Voltage 120 V Input Current (Nom) 1.65/0.95/0.83/0.72 A A Input Power (Nom) 190 W Rated Lamp Power 150 W Wiring Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Input Current (Short Circuit)	1.15-1.75/0.65-1/0.55-0.85/0.5-0.75 A
Ballast Factor (Nom) 1	Secondary Short Circuit Current	3.95-4.85 A
Power Factor (Nom) Open Circuit Voltage Input Current (Nom) Input Power (Nom) Rated Lamp Power 150 W Wiring Wire Striplength O.5 mm Wire Length by Color Wire Type Stranded Remote Wiring Configuration Allowed Remote Wiring Distance Remote 2'	Constant Wattage Deviation	Within Trapezoid
Open Circuit Voltage 120 V Input Current (Nom) 1.65/0.95/0.83/0.72 A A Input Power (Nom) 190 W Rated Lamp Power 150 W Wiring Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Ballast Factor (Nom)	1
Input Current (Nom) 1.65/0.95/0.83/0.72 A A Input Power (Nom) 190 W Rated Lamp Power 150 W Wiring Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Remote Wiring Configuration Emote 2'	Power Factor (Nom)	0.90
Input Power (Nom) 190 W Rated Lamp Power 150 W Wiring Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Open Circuit Voltage	120 V
Rated Lamp Power 150 W Wiring Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Input Current (Nom)	1.65/0.95/0.83/0.72 A A
Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Input Power (Nom)	190 W
Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Rated Lamp Power	150 W
Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'		
Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Wiring	
Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Wire Striplength	0.5 mm
Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Wire Length by Color	12"
Max Ballast-Lamp Distance Remote 2'	Wire Type	Stranded
	Remote Wiring Configuration Allowed	Yes
Wiring	Max Ballast-Lamp Distance Remote	2'
	Wiring	

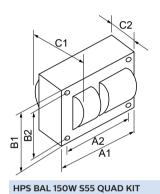
Datasheet, 2019, March 22 data subject to change

Core & Coil (71A) HPS ~LT~ 200W

Recommended Fuse Value	10/5/5/4 A
Approval and Application	
Open Circuit Voltage Test (Volts)	110-130 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	E/E/E/E
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029E

Product Data	
Order product name	CORE & COIL HID HPS BAL 150W S55 QUAD KIT
EAN/UPC - Product	781087817216
Order code	913700556509
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700556509
Net Weight (Piece)	3.688 kg

Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 150W S55	4.2 in	2.5 in	3.9 in	3.5 in	2.8 in	2.4 in
QUAD KIT						



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.