Outdoor Weatherproof (79W)

OUTDOOR WEATHERPROOF HID HPS BAL 400W S51 480V WP

Outdoor weatherproof ballasts are designed for remote mounting outdoors under all weather conditions. They may also be placed inside a pole base, but care must be taken to avoid areas prone to flood situations as they are not water submersable.

Product data

General Information

ANSI Code	S51
Lamp Type	HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	79W8443
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	Inside Can
Capacitor Catalog Number	Inside Can
Automatic Restart	No

Operating and Electrical

Input Voltage	480 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	0.55 A
Input Current (Starting)	0.75 A
Input Current (Short Circuit)	0.5–0.8 A
Secondary Short Circuit Current	6–7.4 A
Constant Wattage Deviation	Within Trapezoid

Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	190 V
Input Current (Operating) (Nom)	0.97 A A
Input Power (Nom)	464 W
Rated Lamp Watts	400 W

Wiring

Wire Striplength	0.5 mm
Wire Length by Color	10"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes
Max Ballast–Lamp Distance Remote Wiring	50'
Recommended Fuse Value	3 A

Mechanical and Housing

Housing Material	Metal
Housing	OW
Housing Dimensions	11.3" x 6.38" x 6.38"

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Approval and Application

Open Circuit Voltage Test (Volts)	170–210 V
Approbation Marks	CSA certificate UL certificate RoHS Compliant
Temperature Marking	Max. case temperature 90ºC
UL Recognized	No
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180℃)
UL Temperature Code	NA

Product Data

Order product name	OUTDOOR WEATHERPROOF HID HPS BAL 400W S51 480V WP
EAN/UPC – Product	781087010167
Order code	79W8443001
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	913700549909
Net Weight (Piece)	8.587 kg

Dimensional drawing
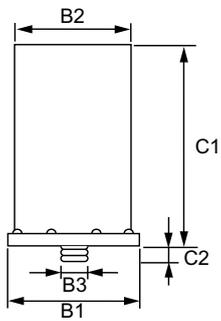
HPS BAL 400W S51 480V WP

Product	B1	B2	B3	C1	C2
OUTDOOR WEATHERPROOF HID 79W8443001	7.3 in	6.4 in	1 in	11.3 in	1.9 in

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2019, February 12 – data subject to change