



Ceramic Metal Halide HID Ballast



READ AND SAVE THESE INSTRUCTIONS

315W 120/208/240V
 11.18" x 4.41" x 3.13"
 LAMP COMPATIBILITY: 315W CMH
 VOLTS: 120/208/240
 WATTS: 315 (347 MAX.)
 AMPS: 2.8 @ 120V
 1.6 @ 208V
 1.5 @ 240V
 HERTZ: 50/60
 POWER FACTOR: ≥ 0.97
 CREST FACTOR: ≤ 1.6
 TOTAL HARMONIC DISTORTION: $\leq 10\%$



! WARNING

- TO PREVENT SERIOUS PERSONAL INJURY AND DAMAGE TO EQUIPMENT OR PROPERTY,
- ALWAYS HANDLE THE BALLAST WITH CARE.
 - INSTALL THE UNIT IN A COOL, DRY, WELL-VENTILATED LOCATION.
 - DO NOT HANG THE UNIT BY THE LAMP CORD OR POWER CORD.
 - ENSURE THE POWER SOURCE MEETS THE SPECIFICATIONS OF THE UNIT. THE POWER CORD USED SHOULD ALWAYS MATCH THE VOLTAGE SUPPLIED TO THE UNIT.
 - DO NOT OPERATE IF THE POWER CORD OR PLUG BECOMES DAMAGED.
 - DO NOT OPERATE THE UNIT WITHOUT PROPER ELECTRICAL GROUND.
 - IF USING A TIMING DEVICE, ONLY USE ONE THAT IS FULLY GROUNDED.
 - DO NOT TOUCH THE LAMP CORD RECEPTACLE WHILE THE UNIT IS PLUGGED IN.
 - DISCONNECT THE UNIT FROM THE POWER SOURCE BEFORE MOVING THE UNIT, CONNECTING OR DISCONNECTING THE LAMP CORD, OR REPLACING THE LAMP.
 - DO NOT ATTEMPT TO MODIFY THE UNIT. DOING SO WILL VOID THE WARRANTY.
 - DO NOT EXPOSE THE BALLAST TO WATER.
 - OPERATE THE UNIT INDOORS ONLY.

! ATTENTION

- POUR ÉVITER DES BLESSURES GRAVES ET DES DOMMAGES À L'ÉQUIPEMENT OU À LA PROPRIÉTÉ,
- TOUJOURS MANIPULER LE BALLAST AVEC SOIN.
 - INSTALLEZ L'APPAREIL DANS UN ENDROIT FRAIS, SEC ET BIEN VENTILÉ.
 - NE PAS ACCROCHER L'APPAREIL PAR LE CORDON DE LA LAMPE OU LE CORDON D'ALIMENTATION.
 - VÉRIFIEZ QUE LA SOURCE D'ALIMENTATION CONFORME AUX SPÉCIFICATIONS DE L'APPAREIL. LE CORDON D'ALIMENTATION UTILISÉ DOIT TOUJOURS CORRESPONDRE À LA TENSION FOURNIE À L'UNITÉ.
 - NE PAS UTILISER SI LE CORDON D'ALIMENTATION OU LA PRISE EST ENDOMMAGÉ.
 - NE PAS FAIRE FONCTIONNER L'APPAREIL SANS MASSE ÉLECTRIQUE APPROPRIÉE.
 - SI VOUS UTILISEZ UN DISPOSITIF DE TEMPORISATION, UTILISER UN SEUL QUI EST ENTIÈREMENT MIS À LA TERRE.
 - NE TOUCHEZ PAS LA PRISE LAMPE DE CORDON LORSQUE L'APPAREIL EST BRANCHÉ.
 - DÉBRANCHEZ L'APPAREIL DE LA SOURCE D'ALIMENTATION AVANT DE DÉPLACER L'APPAREIL, BRANCHER OU DE DÉBRANCHER LE CORDON DE LA LAMPE, OU LE REMPLACEMENT DE LA LAMPE.
 - NE PAS TENTER DE MODIFIER L'APPAREIL. CELA ANNULERA LA GARANTIE.
 - NE PAS EXPOSER LE BALLAST À L'EAU.
 - UTILISEZ L'APPAREIL UNIQUEMENT À L'INTÉRIEUR.

NOTE: WAIT 20 SECONDS AFTER POWERING OFF THE BALLAST BEFORE POWERING IT BACK ON. IF IT IS POWERED ON TOO QUICKLY, THE BALLAST WILL NOT RESET AND THE LAMP WILL NOT IGNITE.

INSTALLATION AND OPERATION

1. POSITION THE BALLAST USING ONE OF THE FOLLOWING OPTIONS:
 - A. MOUNT THE BALLAST BY THE BASE IN A STABLE LOCATION. USE HEAVY-DUTY SCREWS (NOT INCLUDED) THAT CAN SUPPORT THE WEIGHT OF THE BALLAST.
 - B. PLACE THE BALLAST ON A FLAT, STABLE SURFACE.
2. CONNECT A LAMP CORD, WITH LAMP INSTALLED, TO THE BALLAST OUTPUT RECEPTACLE. (USE WITH A CERAMIC METAL HALIDE 315-WATT LAMP ONLY.)*
3. CONNECT THE APPROPRIATE POWER CORD TO THE BALLAST INPUT RECEPTACLE.** PLUG THE POWER CORD INTO A POWER SOURCE OF THE APPROPRIATE VOLTAGE.

*REFLECTOR, LAMP CORD AND LAMP SOLD SEPARATELY.

**120V POWER CORD INCLUDED. POWER CORDS FOR 208/240V SOLD SEPARATELY.

TROUBLESHOOTING

WHAT IF THE LAMP ISN'T IGNITING?

CHECK THAT THE SURGE PROTECTOR, TIMER, CONTROLLER AND OUTLET ARE WORKING PROPERLY. IF THE OUTLET DOESN'T SEEM TO BE WORKING, CHECK THE BREAKER PANEL OR FUSE BOX FOR A TRIPPED BREAKER OR BLOWN FUSE. VERIFY ALL CABLE CONNECTIONS ARE SECURE AND RATED LAMP WATTAGE MATCHES BALLAST WATTAGE. USE THE BALLAST WITH A LAMP THAT IS CONFIRMED TO BE FUNCTIONING PROPERLY.

POWER INTERRUPTIONS MAY ALSO AFFECT A LAMP'S ABILITY TO REIGNITE IF IT HAS NOT BEEN PROPERLY COOLED. DISCONNECT THE BALLAST FROM THE POWER SOURCE AND ALLOW THE LAMP TO COOL FOR 15 MINUTES BEFORE RECONNECTING THE BALLAST. IF THE LAMP STILL DOES NOT IGNITE, FOLLOW THE WARRANTY CLAIM STEPS.

WHAT IF THE BALLAST STOPS WORKING?

EXCESSIVE TEMPERATURES, SHORT OR OPEN CIRCUITS, POWER SURGES AND OTHER CONDITIONS CAN TRIGGER INTEGRATED SAFETY FEATURES, RESULTING IN UNIT SHUTDOWN. UNPLUGGING THE BALLAST FOR 10 TO 15 MINUTES, CHECKING THE BREAKER PANEL, OR REDUCING THE NUMBER OF DEVICES CONNECTED TO THE CIRCUIT MAY RESOLVE THE PROBLEM. IF THE BALLAST STILL DOES NOT POWER ON, FOLLOW THE WARRANTY CLAIM STEPS.

ION® Ceramic Metal Halide HID Ballast Limited Warranty

What This Warranty Covers

This warranty covers defects in materials and workmanship under normal use, with any exceptions stated below.

Who This Warranty Covers

This warranty applies to the original purchaser of this ION® product with the original proof of purchase.

How Long Warranty Coverage Lasts

This warranty is in effect for a period of three years from the original date of purchase.

What This Warranty Does Not Cover

This warranty does not cover damage or defects resulting from the improper installation, alteration, abuse, accidental damage, unauthorized repair or misuse of this product. Misuse includes but is not limited to outdoor use. This warranty does not apply to cosmetic defects or other defects that do not affect the functionality of the product, and is void if the product has been damaged as a result of fire, flood, or other natural disaster. BWGS shall not be responsible for any incidental or consequential damages of any nature, including damage or injury caused to other products, machinery, buildings or property; loss of profits, time or product; or inconvenience. The original proof of purchase MUST accompany the ION product for this warranty to be valid. This warranty is given in lieu of all other warranties, express or implied, including without limitation merchantability and fitness for a particular purpose.

Some states do not allow the exclusion or limitation of incidental and consequential damages, or limitations on how long an implied warranty lasts, so the above limitation(s) may not apply to you.

What BWGS Will Do

If BWGS determines the warranted product is defective in materials or workmanship during the warranty period, then BWGS, at its option, will either repair or replace the product. In no event shall the cost of repair or replacement exceed the original purchase price.

How to Obtain Warranty Service

Return this product along with the original proof of purchase to the place of purchase in accordance with store policy.

How State Law Applies

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For technical support and warranty information, call toll-free 888-464-9676 or email info@bwgs.com.