

MaxLite® PhotonMax High Pressure Sodium Double Ended Fixture



General Safety Information

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

▲ WARNING

RISK OF ELECTRIC SHOCK:

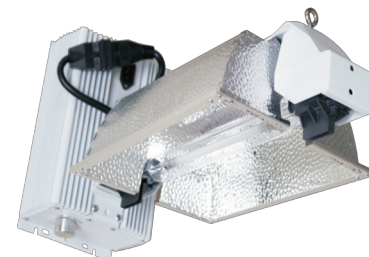
- Turn power off before inspection, installation or removal.
- Protect lamp from direct contact with liquids to avoid breakage from thermal shock.

RISK OF FIRE:

- Keep combustible materials away from lamp during operation.

WARNING:

- Carefully read the warnings below before using or working with the product!
- Always adhere to the local rules and regulations when installing or using the fixture.
- Do not use the fixture when either its lamp or its power cord are damaged. Replace the power cord only with original certified cords.
- Do not expose fixture to:
 - Condensing humidity, heavy mist, fog or direct spray.
 - Temperatures outside the specified range.
 - Dust and contamination.
- Always disconnect the fixture from mains before performing any task on it.
- Always allow for a cool down period of at least 30 minutes before touching the lamp or reflector. Touching the lamp or reflector when the lamp is lit or immediately afterwards will result in severe burns!
- Do not use the fixture near flammable, explosive or reactive substances. The lamp and reflector of the fixture become very hot during use.
- Do not use sulfur vaporizers or water misters close to your fixture. Sulfur and calcium deposits on your reflector will decrease its efficiency.
- Never touch the lamp or the inside of the reflector with bare hands as this will cause damage to the lamp or reflector.
- Input power cord **MUST** be secured and routed away from the luminaire enclosure and reflector, via the mounting cable nearest the ballast at least every 4 inches.



Picture is for illustration purposes only. Your model may vary.

The product is meant for use in climate rooms. The product may be used in damp environments.

Do not use product in wet environments or outdoors.

LAMP CONTAINS MERCURY

- Manage in accordance with disposal laws.

High Pressure Sodium lamps contain mercury. MaxLite strives to preserve the environment and make efficient use of resources. Please refer to your local environmental laws regarding disposal and recycling of mercury containing lamps. For more information, please go to www.lamprecycle.org.

Model:

PH-1000HPS Series

Operating characteristic's	
Model Number:	PH-1000HPS-F-DE
Rated Voltage:	120V-240V
Input Frequency	50/60Hz
Output frequency:	100-170 kHz
Starting time:	5 minutes
Pulse voltage:	4-5 KV
Input power factor:	≥0.98
THD:	≤10
Open Circuit Voltage:	≤500
Dimming range:	600W, 660W, 750W, 825W, 1000W, 1150W
0-10V Dimming Compatible	No
Wave crest ratio:	≤1.7
Efficiency:	≤93

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Installing the fixture

WARNING:

- Avoid coiled cords. Coiled cords may lead to electromagnetic interference.
 - Input power cord MUST be secured and routed away from the luminaire enclosure and reflector, via the mounting cable nearest the ballast at least every 4 inches.
 - Always install the lamp before connecting the fixture to the mains. Never use the fixture without a lamp or reflector!
 - Ensure the local cabling can support the voltage and current requirements of the fixture.
1. Install the lamp in the fixture.
 2. Adjust the output of the lamp manually by turning the output control knob to adjust the output of the lamp.
Note: Adjustment occurs gradually (60 seconds per step) to increase the lifespan of the lamp.
 3. Connect to the mains. (Make sure the plug used is compatible with your socket.) Hang light with optional rope.



Inspection, maintenance and repair

WARNING:

- Disconnect the product from mains before performing any maintenance or repairs.
- Do not open or disassemble the fixture, it contains no serviceable parts inside. Opening the fixture can be dangerous and will void the warranty.
- Always allow for a cool down period of at least 30 minutes before touching the lamp or reflector.

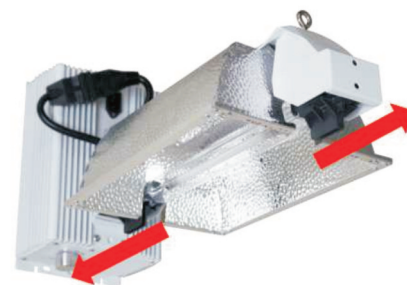
CAUTION:

- Do not clean the fixture with detergents, abrasives or other aggressive substances.
- Do not touch the inside of the reflector and do not use water, abrasives or detergents to clean it. This will damage the reflective surface.
- Wait 20 minutes before activating the fixture after maintenance work has been conducted.
- Regularly check the fixture for dust or dirt buildup. Clean if necessary.
- Contamination may cause overheating and decreased performance.
 - Clean the inside of the reflector only with a soft dry cloth.
 - Clean the electric ballast and outside of the fixture using a dry or damp cloth.
- Check the lamp monthly for discolorations or black markings. Always replace a damaged lamp.
- Regularly check the wiring of the product to ensure it's undamaged.

Placement and replacement of the lamp

CAUTION:

- Do not touch lamp with bare hands as this will damage the lamp. Always use a fabric glove to handle the lamp. **NOTE:** The lamp must be replaced every year or after 5000 lighting hours, whichever one comes first.
- Hold the lamp with a fabric glove to prevent it from falling. Use a protective glove if the lamp is damaged.
- Open the cap of lamp holders.
- Carefully take the lamp out.
- Install the new lamp, use a fabric glove to carefully press the lamp in the fitting until the springs hold it in place.
- Close the cap of the lamp holders.
- Plug the fixture back into the mains.



Storage and disposal

- Store the fixture in a dry, clean environment.
- The product must not be discarded as unsorted municipal waste, but must be collected separately for the purpose of treatment, recovery and environmentally sound disposal.

CAUTION:

The lamps are chemical hazardous waste and must be delivered to the designated authorities.

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Lamp and Reflector Warranty Information

MaxLite Inc. warrants its products for a minimum period of **ONE (1)** year from the date of original purchase from MaxLite or its authorized distributor/dealer (the “Warranty Period”), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same or like Product.

Please refer to Maxlite’s website (at <http://maxlite.com/resources/warranties>) for the complete terms and conditions of our warranty.

Limitation of Liability

THE FOREGOING WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, DECREASE IN THE LIGHT OUTPUT OF THE LAMP, AND/OR DETERIORATION IN THE LAMP’S PERFORMANCE, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE’S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT. WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Limited Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, this limitation may not apply to you.

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Ballast Warranty Information

MaxLite Inc. warrants its products for a minimum period of **THREE (3)** year from the date of original purchase from MaxLite or its authorized distributor/dealer (the "Warranty Period"), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same or like Product.

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Limitation of Liability

THE FOREGOING WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, DECREASE IN THE LIGHT OUTPUT OF THE LAMP, AND/OR DETERIORATION IN THE LAMP'S PERFORMANCE, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE'S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT. WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

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