



ARCHON Industries, Inc.

LIGHTING UNIT FOR SCREW-ON SIGHT GLASS Model # **HLM / HLMR 125**



Installation / Operation / Maintenance Instruction

Instruction #:
Issued:

1009.2
7/11/08

357 Spook Rock Road
Bldg # 1 – 505
Suffern, NY 10901



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Use A LICENSED ELECTRICIAN AND CHECK WITH LOCAL AND NATIONAL CODES

These units are intended for Dry or Damp locations only.

GENERAL REMARKS

1. Storage should be in a dry and sheltered place.
2. Installation and Maintenance has to be performed only by qualified personnel.
3. For use in especially aggressive surroundings, an additional corrosion protection should be considered.
4. Prior to installation or maintenance, the indications or remarks on the nameplate should be thoroughly read, understood and followed.
5. In case of frequent and repetitive use of built-in push buttons, observe the increase of housing temperature.
6. The increase of the housing temperature depending of the sight glass flange temperature and the ambient temperature has to be observed for lighting unit working in mode with "On/Off switch" or "continuous operation". Depending of the results and the local law, codes and regulations, appropriate preventive measures have to be taken.

INSTALLATION

1. Prior to installation it should be verified that the protection rating of the light is suitable for the intended location and events in that location (e.g. cleaning).
2. All relevant indications and remarks on the nameplates should be read and understood prior to installation.
3. Always ensure that the light is connected to the correct supply voltage as indicated on the nameplate.
4. All lighting units are uniquely designed to fit on sight glass assemblies. Never use a light in place of the cover flange or glass disc on a sight glass or in place of the sight glass assembly itself.
5. Lighting units with built-in push buttons or timers should be operated only with these

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devices.

6. In addition to all service parameters influencing the temperature of the glass disc built into a sight glass, temperature increase of the glass disc caused by operation of a mounted light should also be considered.
7. Possible heat transfer from installed sight glass to the lighting unit has to be taken into consideration.
8. Service life of bulbs / reflector-bulbs may be detrimentally influenced by vibration.

MAINTENANCE

1. For replacement bulb / reflector-bulbs always use an identical type and wattage (see nameplate and data sheet).
2. Never touch replacement bulbs with your fingers. Always use a proper cloth.
3. Only original spare parts for repair and maintenance work should be used.

NOTE* All finished wiring is located within the light housing.



This unit is not intended to remain ON for extended periods. An ON-OFF switching device must be installed in the power supply circuit. If the light is allowed to remain ON for an extended time, the lighting unit may become very hot and result in damage to the internal electrical components.

If you have any questions, please contact ARCHON Industries directly @

Tel.: **(800) 554-1394**

Fax: **(845) 368-3040**

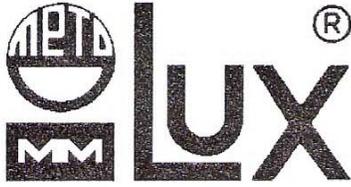
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Thank you for using ARCHON products.

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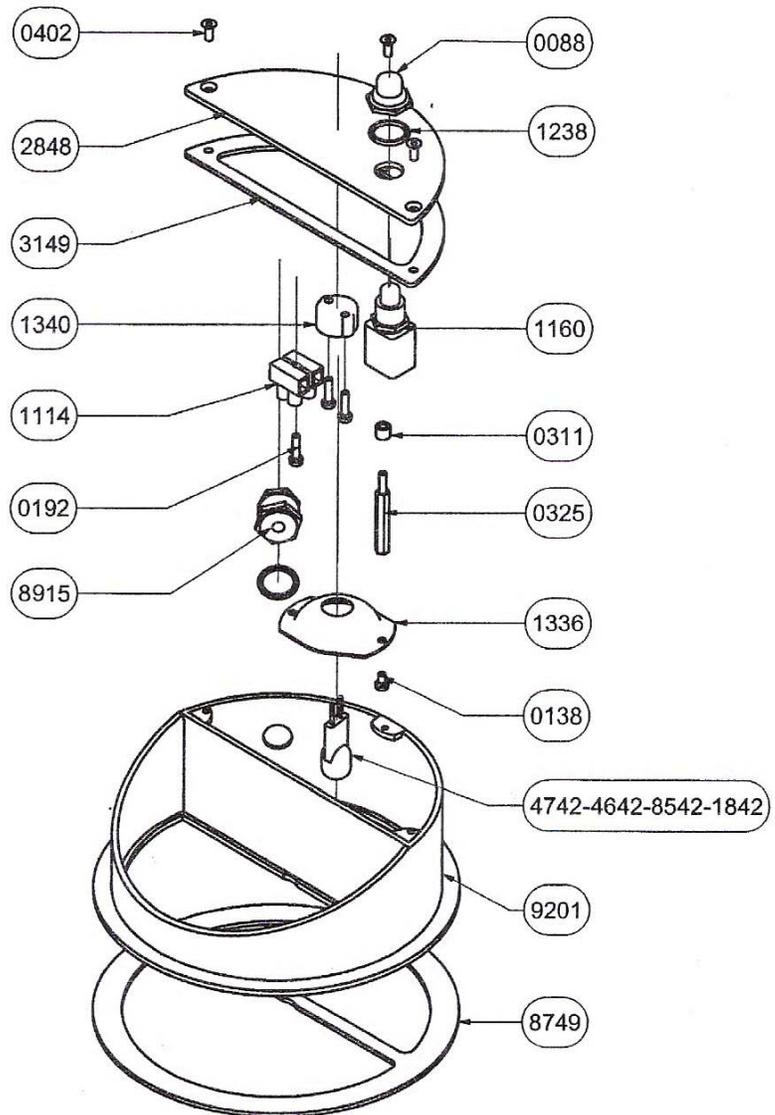


CONSTRUCTION AND COMPONENTS

SIGHT GLASS LIGHT FITTINGS metaLUX®

- TYPE HLMR 125 H (24V/50W)
- TYPE HLMR 125 H sp (12V/50W)
- TYPE HLMR 125 H sp (24V/100W)
- TYPE HLMR 125 H sp2 (12V/90W)

- 0088 Cover to push button
- 0138 Slotted cheese head screw
- 0192 Slotted cheese head screw
- 0311 Distance ring
- 0325 Distance piece
- 0402 Slotted cheese head screw
- 1114 Terminal block
- 1160 Push button
- 1238 Sealing ring
- 1336 Reflector
- 1340 Lamp socket GY 6.35
- 1842 Halogene bulb 12V/100W
- 2848 Cover
- 3149 Cover gasket
- 4642 Halogene bulb 24V/100W
- 4742 Halogene bulb 24V/50W
- 8542 Halogene bulb 12V/50W
- 8749 Housing gasket
- 8915 Cable gland
- 9201 Housing



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