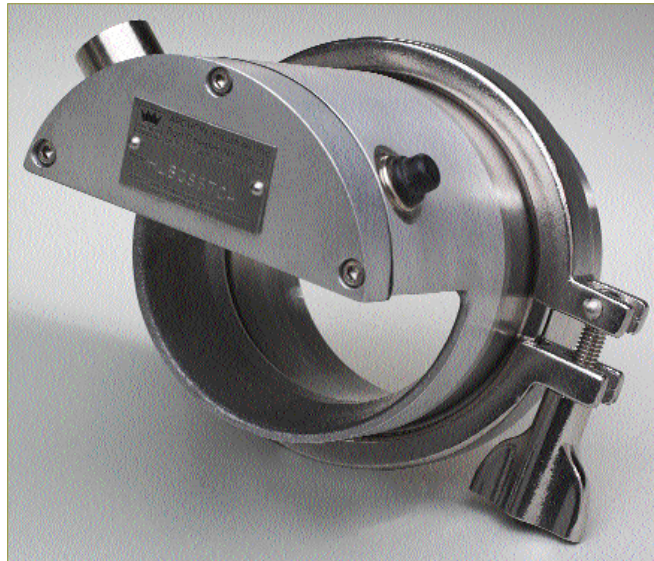




ARCHON Industries, Inc.

SIGHT GLASS LIGHTING UNIT

Model # HL80/SSTC



Installation / Operation / Maintenance Instruction

Instruction #: **1027**
Issued: **11/15/2004**

357 Spook Rock Road
Bldg # I – 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.

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5. Lighting units with built-in push buttons or timers should be operated only with these 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**

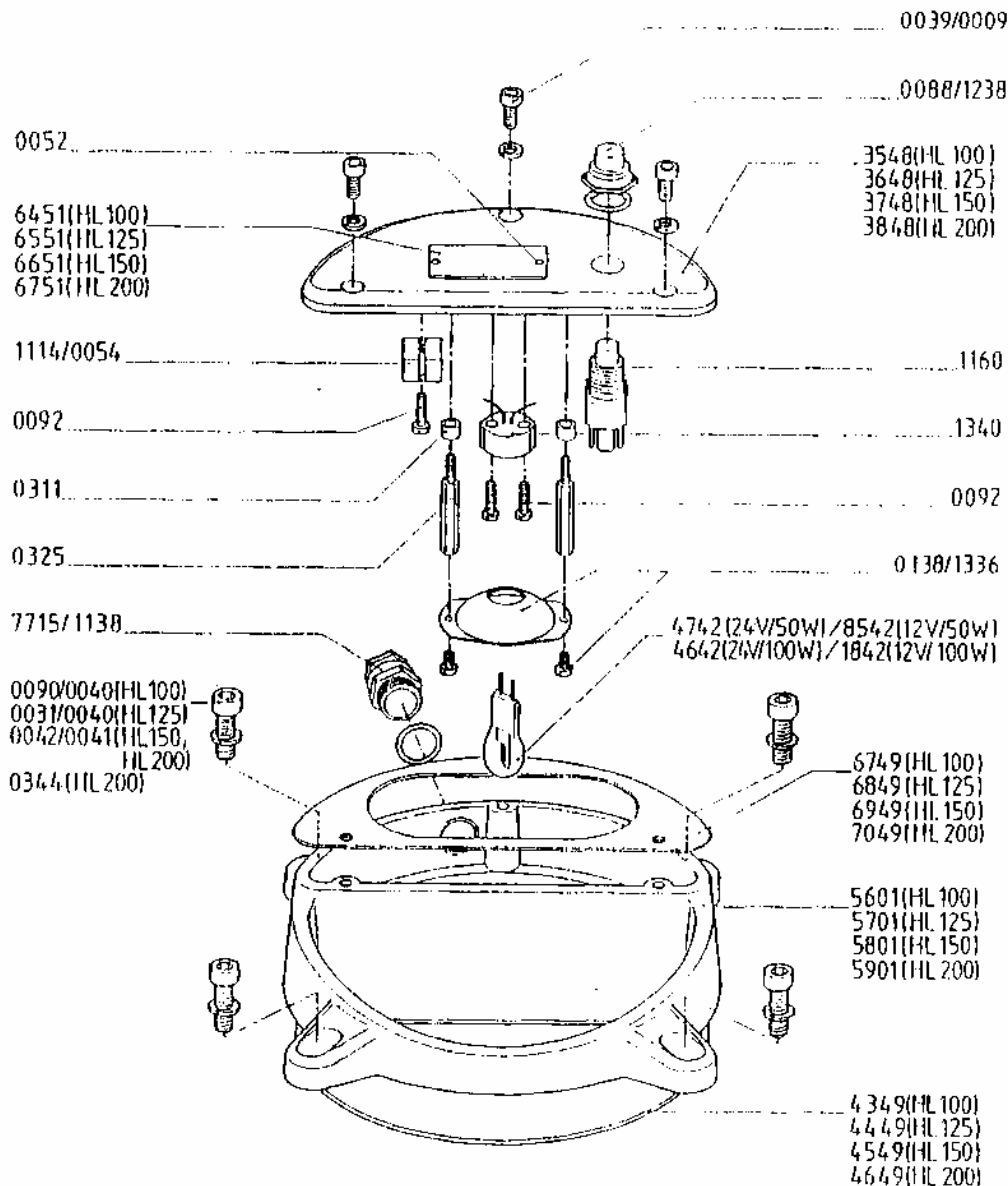
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0009 Spring washer
 0031 Socket cap bolt
 0039 Socket cap bolt
 0040 Spring washer
 0041 Spring washer
 0042 Socket cap bolt
 0052 Slot nail
 0054 Cable terminal
 0088 Cover to push button
 0090 Socket cap bolt
 0092 Slotted cheese head screw
 0138 Slotted cheese head screw
 0311 Distance ring
 0325 Distance piece
 0344 Socket cap bolt
 1114 Terminal block
 1138 Sealing ring
 1160 Push button
 1238 Sealing ring
 1336 Reflector
 1340 Lamp socket GY 6.35
 1842 Halogene bulb 12V/100W
 3548 Cover HL 100
 3648 Cover HL 125
 3748 Cover HL 150
 3848 Cover HL 200
 4349 Cover gasket HL 100
 4449 Cover gasket HL 125
 4549 Cover gasket HL 150
 4642 Halogene bulb 24V/100W
 4649 Cover gasket HL 200
 4742 Halogene bulb 24V/50W
 5601 Housing HL 100
 5701 Housing HL 125
 5801 Housing HL 150
 5901 Housing HL 200
 6451 Name plate HL 100
 6551 Name plate HL 125
 6651 Name plate HL 150
 6749 Cover gasket HL 100
 6751 Name plate HL 200
 6849 Cover gasket HL 125
 6949 Cover gasket HL 150
 7049 Cover gasket HL 200
 7715 Cable gland
 8542 Halogene bulb 12V/50W



Thank you for using ARCHON products.

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