



**Carlton®**  
 25701 Science Park Drive  
 Cleveland, Ohio 44122  
 www.lamson-sessions.com  
 Made in China  
 ©2006 LAMSON SESSIONS  
 061117 SH535



- Can be used in line to control multiple fixtures up to 1800 watts.
- Built-in timer delay eliminates flicker.
- 1800 watts tungsten, 1100 VA ballast, 120V AC, 60 Hz.



**Great security for your home!  
 Ideal for coach lanterns or post lights.**



**Carlton®**

**HS535**



**Automatic On/Off**

**1800 Watts  
 Maximum**

**LIGHT  
 CONTROL**

**Turns light on at dusk  
 and off at dawn**



# INSTRUCTION GUIDE

## Light Control HS535

Congratulations on a wise purchase!

### INSTALLATION

For the installed light fixture that will be controlled by the light control, **disconnect the AC electrical power at the fuse or breaker box.**

1. The body of this control must be located in a weatherproof enclosure. The lens and the threaded nipple are watertight. Place the gasket on the threaded nipple of the control. Insert the nipple through the hole in the fixture enclosure, and screw the nut on tight enough to make a weatherproof seal. If the enclosure surface is curved or uneven, apply RTV silicone rubber sealing compound on the gasket before installing the control.
2. Make the wire connections between the lighting control and light fixture.  
Black (hot line) power source wire is connected only to the black wire on the lighting control.  
White (neutral or common) power source wire is connected to both the white wire on the lighting control and the white wire on the light fixture.  
Red wire on the lighting control is connected to the black wire on the light fixture.
3. Reinstall the light fixture.
4. Restore AC electrical power to the light fixture.
5. The lamp should turn on immediately. The lamp should turn off in less than 2 minutes if the control is exposed to bright light.

**Make sure that the photocell window on the light control is not pointed towards any artificial or reflected light sources.** This will cause false operation of the light fixture.

**Note:** The light control has a time delay and will take several minutes to turn off when first installed. To test operation, cover the photocell "eye". The light control will take up to two minutes to operate.

Sunlight operation only.

### SPECIFICATIONS

**Rating:** 120V AC, 60 Hz

**Load:** 1800 watts max. tungsten, 1100 VA ballast

### TROUBLESHOOTING

**PROBLEM:** Light stays on during daytime.

**SUGGESTION:** Make sure light control is wired correctly. Make sure that the photocell is receiving direct natural light.

**PROBLEM:** Light not on at night.

**SUGGESTION:** The photocell may be receiving artificial light. Adjust position of light control. Make sure light control is wired correctly.

**PROBLEM:** Light blinks or cycles on and off at night.

**SUGGESTION:** Light is being reflected into the lighting control. Reposition the light control.

### LIMITED WARRANTY

The product you have purchased is guaranteed against defects in workmanship and materials for the period stated on the package. Warranties implied by law are subject to the same time period limitation. Some states do not allow limitations on how long an implied warranty lasts, so this time limitation may not apply to you.

If the product fails due to a manufacturing defect during normal use, return the product and dated sales receipt to the store where purchased for replacement OR send the product and the dated sales receipt to:

**Lamson & Sessions**  
**Attn: LHP Customer Service**  
**25701 Science Park Drive**  
**Cleveland, OH 44122 USA**

**Not Covered** - Batteries, light bulbs, and other expendable items are not covered by this warranty. Repair service, adjustment and calibration due to misuse, abuse or negligence are not covered by this warranty. Unauthorized service or modification of the product or of any furnished components will void this warranty in its entirety. This warranty does not include reimbursement for inconvenience, installation, set-up time, loss of use, postage, unauthorized service, or other products used in conjunction with, but are not supplied by, Lamson & Sessions.

All requests for replacement must include a **dated sales receipt** (copies accepted). LAMSON & SESSIONS IS NOT LIABLE FOR LOST PROFITS, INDIRECT, SPECIAL, EXEMPLARY, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING WITHOUT LIMITATION ANY SUCH DAMAGES DUE TO IMPROPER WIRING OR MISUSE OF THE PRODUCT. As some states do not allow the exclusion or limitation of incidental or consequential damages, the above limitation and exclusion may not apply to you.

### ALSO AVAILABLE FROM CARLON:

- Extend-A-Chime® - lets you hear your existing wired doorbell in remote areas of your home or yard
- Plug-in and Battery Doorbells and Chimes
- On/Off Remote Switches
- Touch and Automatic Lighting Controls

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

**Carlon®**

25701 Science Park Drive  
Cleveland, Ohio 44122  
www.lamson-sessions.com

Made in China  
©2006 LAMSON & SESSIONS  
061117 SH535