MS02-RC
Installation Instructions

WARNINGS

RISK OF FIRE, ELECTRICAL SHOCK, CUTS OR OTHER CASUALTY HAZARDS
Installation and maintenance of this product must be performed by a qualified electrician. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and hazards involved.

RISK OF FIRE AND ELECTRIC SHOCK
Make certain power is OFF before starting installation or attempting any maintenance. Disconnect power at fuse or circuit breaker.

RISK OF FIRE
Refer to product label for specific minimum supply conductor requirements.

RISK OF BURN
Disconnect power and allow fixture to cool before handling or servicing.

RISK OF PERSONAL INJURY
Fixture may become damaged and/or unstable if not installed properly.

DISCLAIMER OF LIABILITY: CSC LED assumes no liability for damages or losses of any kind that may arise from the improper, careless, or negligent installation, handling or use of this product.

NOTICE: Green ground wire is provided in proper location. Do not relocate.

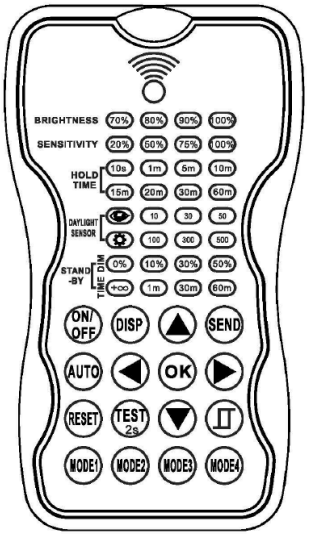
SAFETY: This fixture must be wired in accordance with the National Electrical Code and applicable local codes and ordinances. Proper grounding is required to ensure personal safety. Carefully observe grounding procedure under installation section.

APPLICATIONS: This lighting fixture is designed for indoor lighting applications, and should not be used in an area with limited ventilation or inside high ambient temperature enclosures. It must be stored in a dry location prior to installation.

ATTENTION RECEIVING DEPARTMENT: Note actual fixture description of any shortage or noticeable damage on delivery receipt. File claim for common carrier (LTL) directly with carrier. Claims for concealed damage must be filed within 15 days of delivery. All damaged material, complete with original packaging must be retained.

SPECIFICATIONS

Battery Type	2x AAA
Remote Range	Up to 25ft (7.7m)
Operating Temperature	0°C ~ 50°C (32°F~122°F)
Dimensions	123 x 70 x 20.3mm (4.84 x 2.76 x 0.8")



⚠ WARNING

Remove the batteries from compartment if the remote will not be used in 30 days.

PROGRAMMING SENSOR

The remote is a wireless IR programming tool which allows the sensor settings to be updated without having to change the dip switches (if applicable). To program the sensors, the user must be within 25 feet from the sensor being programmed and aim the remote directly at the target sensor. The remote must be in editing mode. Editing mode is when an LED indicator on the remote is flashing, which allows changes to be made to that row. The remote will go to sleep after 20 seconds of inactivity. Detailed information for each button can be found in the following section.

LED INDICATORS

LED	DESCRIPTION
Brightness	Sets the maximum Brightness level during the Hold Time period, or on/off function.
Sensitivity	The Sensitivity setting will adjust the detection range.
Hold Time	The Hold Time is the first stage of the motion cycle. This is the amount of time that the luminaire will remain at selected Brightness. If no motion is detected during this period, the luminaire will dim to the Stand-By Dim setting. If motion is detected, this time will reset.
Daylight Sensor	The Daylight Sensor is generally used in applications where the sensor will have direct view of natural light. **For internally mounted application, the daylight sensor will not properly function and should be disabled.**
	The sensor measures and uses the current surrounding lux value as the daylight threshold. (See Daylight Sensor section above)
	While in editing mode, select this symbol to disable the daylight sensor. See ⎍ section for more information.
Stand-By Dim	Once the Hold Time has expired and there is no motion, the luminaire will dim to the Stand-By Dim level. It will remain at this level for the duration of the Stand-By Time setting, providing no motion is detected.
Stand-By Time	The Stand-By Time is the amount of time that the fixture will remain at the Stand-By Dim level before turning off, providing no motion is detected. If motion is detected, the luminaire will go back to the selected Brightness and the Hold Time will reset. When the +∞ setting is selected the luminaire will remain at the Stand-By Dim level indefinitely, and the luminaire will not turn off.

BUTTON OPERATION

BUTTON	DESCRIPTION
	Pressing the ON/OFF button will turn the light on or off and disable the motion sensor when the LED indicators are NOT illuminated. The light level is determined by the Brightness setting.
	Wakes the remote control and displays the current/latest settings.
	When the LED indicators are NOT illuminated, pressing the RESET button will default the sensor to the current dip switch settings or the factory default settings.
	The ▲ ▼ buttons cycle up and down through the flashing indicator settings. They will also wake the remote control and initiate editing mode.
	The ◀ ▶ buttons will cycle left and right through the flashing indicator settings in each row.
	After making a change to the current settings while in editing mode, pressing OK will automatically send the changes and exit editing mode. When not in editing mode and the display is on, press OK to put it in sleep mode.
	This will send the current settings to the sensor that the remote is pointed at. The luminaire will flash on and off quickly to show that the settings have been saved. Luminaire will remain off until motion is detected.
	When the LED indicators are NOT illuminated, pressing one of the Mode buttons will display the saved settings to the remote. The default scene modes can be changed by following the instructions for ***Modifying the Scene Modes***.
	When the LED indicators are NOT illuminated, press the AUTO button to resume sensor functionality after the luminaire has been turned on or off using the ON/OFF button. If the sensor is using the dip switch settings, pressing the AUTO button will update the sensor to use the remote settings.
	Pressing the TEST 2s button while the LED display is NOT illuminated, will put the sensor into Test Mode. The purpose of this is to test the sensitivity settings. In Test Mode the Hold Time is temporarily set to 2s, while the Stand-By Period and Daylight Sensor are disabled. Press the AUTO to exit Test Mode and make changes to the current settings or resume normal function.
	While in editing mode, press ⎍ to switch between daylight modes. One of the modes will have 2 flashing indicators in the daylight sensor section, and the other will just have 1. 

DEFAULT SCENE MODES

Application	Scene Options	Brightness	Detection Area	Hold Time	Stand-By Time	Stand-By Dim Level	Daylight Sensor
Indoor	Mode 1	100%	75%	5min	30min	30%	☼
Indoor	Mode 2	100%	75%	1min	+∞	30%	☼
Indoor	Mode 3	100%	75%	5min	30min	30%	30LUX
Outdoor	Mode 4	100%	75%	1min	+∞	30%	⎍ (30LUX/300LUX)

Modifying the Scene Modes:

Press the desired Mode button when the Remote LED indicators are NOT illuminated.
Changes can be made to the Scene Modes by using the ▲▼◀▶ buttons to navigate through the settings.
Once the changes have been made, press the OK button to save the new settings for that Mode.
Press SEND to send these settings to the sensor.

PROGRAMMING MULTIPLE SENSORS

Once the desired settings have been selected either manually or using the Mode function, then simply aiming at each new sensor and pressing the SEND button will allow the user to quickly program multiple sensors individually without having to change the settings each time.

DAYLIGHT SENSOR

The Daylight Sensor is generally used in applications where the sensor will have a direct view of natural light.
For internally mounted applications, the daylight sensor will not properly function and should be disabled.
To disable the daylight sensor, ensure that the ☼ symbol is illuminated.

TROUBLESHOOTING FAQ

The luminaire goes off after I have pressed SEND.	This is normal, it is one of the steps for programming the sensor. The luminaire will first flash on/off and turn off. When the sensor detects motion, it will resume the current settings and run through the motion cycle.
The remote control does not respond when I press the different buttons.	The remote control only wakes to certain buttons (▲, ▼, DISP). Some functions (ON/OFF, RESET, AUTO, TEST 2s, MODE1, MODE2, MODE3, MODE4) can only be sent to the sensors when the Remote LED indicators are NOT illuminated .
The sensor does not operate based on the settings that I have set, it stays on/off all the time.	The sensor is probably in the manual mode (ON/OFF). Press ON/OFF to turn the luminaire on and AUTO to revert back to auto mode.
The Stand-By Time is set to +∞ and I cannot change it to other values.	The daylight sensor mode might have been activated by accident. Press ⎍ again to exit the daylight sensor mode.
The remote control is not working up to 25ft.	Ensure you are using 2 new AAA batteries. Ensure you are aiming directly at the sensor, not just at the luminaire.