



ActiLume I-10V

LRI1655 / LLC1655

The ActiLume I-10V lighting control system automatically regulates electric lighting in open and private offices based on occupancy patterns and available daylight.

The ActiLume I-10V System is versatile in that it can operate with any Philips Advance 0-10V dimming or fixed output ballast/driver. This system contains both a light sensor for daylight harvesting, and movement detector for occupancy sensing. ActiLume I-10V can automatically switch the lights on and off with its occupancy sensing feature. The daylight harvesting feature will dim the luminaires when enough daylight enters the room offering automatic energy savings without the need for complex commissioning.

Installers and end-users do not have to worry about complicated programming anymore. The device arrives from the factory in a standard, preset configuration. Commissioning is easy and can be done by simply using a small screwdriver to adjust the light level and/or occupancy detection time delay. Field adjustment is possible if needed. The ActiLume I-10V System is truly a Plug-and-Play lighting control system that provides excellent visual comfort and automatic energy savings with simple installation.

Class I wiring methods must be used when connecting LRI1655 to LCC1655 controller.

Features

- **Application:** Suitable for offices, schools, conference rooms, classrooms, hallways, restrooms, lounges, training areas, multimedia rooms, day care areas and storage rooms.
- **Flexible:** The sensor can toggle between occupancy only and occupancy plus daylight regulation mode
- **Ambient Light Recognition:** Integrated photocell prevents lights from turning on when the room is adequately illuminated by natural light.
- **Low Profile Design:** Allows for seamless integration in most applications.
- **Fast Simple Installation:** No need for complex commissioning.

Job Information	Device Type #: _____
Job Name: _____	
Cat. No.: _____	
Notes: _____	

PHILIPS

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Technical specifications*

Connection: 18 AWG, flying leads, 25.4 inches in length

Control Signal Input:

Operating Current Sink 100 μ A-3mA (sufficient for 20 Philips Advance Mark 7 0-10V, EssentialLine 0-10V ballasts)

Control Voltage Variation < 0.7V / current & temp. range

Max Input Voltage 15 Vdc (maximum rating)

Max. Current Sink 50 mA (maximum rating)

Mounting Height: 8' to 12'

Preferred Daylight Sensor Placement: 0.75' x height

Color Coding of Cable: Purple +
Gray -

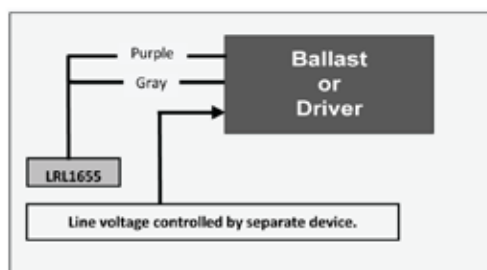
(connecting wires in the reverse will result in minimal light output)

Color:

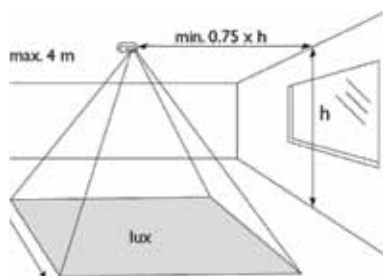
Bottom Part Ultra Dark Gray (RAL 7024)

Cover Part Light Grey (RAL 7035)

Basic Wiring Diagram

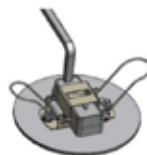


Preferred Sensor Placement



Sensor should be located where it sees a combination of Electric light and Daylight.

Optional Accessories:



LRI16655CMP
Includes Ceiling Mount Plate



LCA8001
Trim Bezel



LCA8002 – T5 Lamp Clip
LCA8003 – T8 Lamp Clip

*Subject to change without notice.

Ordering information

Part Number	Description
LRL1655	Daylight and Occupancy Sensor
LLC1655	Switchbox
LRI1655CMP	Daylight and Occupancy Sensor in Ceiling Mount Plate
LCA8001	Ring for cover set of 100 Pieces
LCA8002	Clip T5 set 50 Pieces
LCA8003	Clip T8 set 50 Pieces



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