LightSweep® Lighting Controls
LightSweep® Modular Lighting Control System

Description

The **CLCDIM4 dimming module** controls four dimming channels. Through the color-coded spring terminals, the device provides 0-10V dimming controlled by a photocell for daylighting operations, as well as advanced scene control via devices in the CLC network.

The module can be powered via the CLC network or can double as a power injector distributing power to the panel's relay modules and the lighting network, providing status indication for network power monitoring.

- Connects up to 4 photocell inputs
- Connects up to 4 0-10V dimming outputs
- Color-coded spring-type terminals for photocell and ballast
- Closed-loop daylighting control build into channel
- LED output indication of level
- Jumper selectable for network or transformer power
- Communicating on CAN lighting network.

Ordering Information

Order the controller and desired options with the following product numbers:

SKU	Product Description
CLCDIM4	4 Channel Dimming Module

Application

The **CLCDIM4** provides daylighting and analog scene control to the CLC system.

The channels daylighting setpoint, or analog outputs can be controlled using switches in the CLC system so that operation is coordinated with On/Off relay control of the circuits.

Photocell control provides closed loop control for indoor type sensors, and open loop control for outdoor, atrium or skylight sensors. Closed loop will allow setpoint control to a given footcandle value, while open loop control will linearly vary the output based on a specified range of the photocell.

Specifications

Inputs/Outputs	4 photocell inputs/4 – 0-10v outputs – 25mA sync current per output
Technology	32-bit ARM Processor with internal A/D, Flash and RAM
Communications Port	CAN Network @40k bps
Device Address	Set via rotary dials Address range: 1 to 99
Connectors	Power In: 5-pin MTA Inputs: spring-clip terminal connectors Network/Power: (2) 4-pin MTA, (2) RJ45
Wiring Class	Class 2
Power	24 VAC, 13 VA
Ambient	32° to 131°F (0° to 55°C), with enclosure 10-90% RH (non-condensing)
Dimensions	5 1/2 x 4 3/4 x 1 1/8 in. (14 x 12.1 x 2.9 cm) with housing 0.34 lb. (155g) with housing
Compliance	CE/FCC
Approvals/ Standards	UL 916