

# Light & Action!

**Introducing the 0-10 Volt Daylight Dimmer™  
– an Innovative New  
Direction in Daylight Control.**



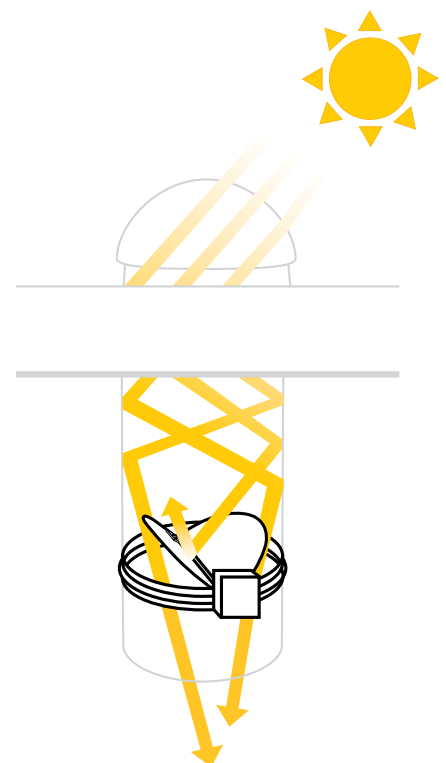
Solatube Australia, manufacturer and marketer of Tubular Daylighting Devices (TDD's), now offers architects, designers, and lighting engineers a new option to take daylight control to the next stage.

The NEW 0-10 Volt Daylight Dimmer™\* provides complete integration into lighting control systems, allowing scene and time control of daylight delivery. This new control option allows you to:

- Automatically adjust daylight for standard tasks by using Scene Control.
- Make every second count by using time-clock based operation to maximize daylight and energy efficiencies.
- Use natural light in places where only electrical lights were once possible.

As demand for automatic daylight control increases, the 0-10 V Daylight Dimmer sets the stage for complete control.

**Call 13 16 19 today to get more details about specifying the 0-10 V Daylight Dimmer into your next project.**



## Scene Control

Program the lighting control system to signal the 0-10 V Daylight Dimmer to provide scene-based control and automatically adjust the daylight for standard tasks.



### Make Daylight the Star

Use scene control to completely open and maximize daylight – creating the brightest space available.



### Take Center Stage

With the press of a button, reduce daylight for presentations.

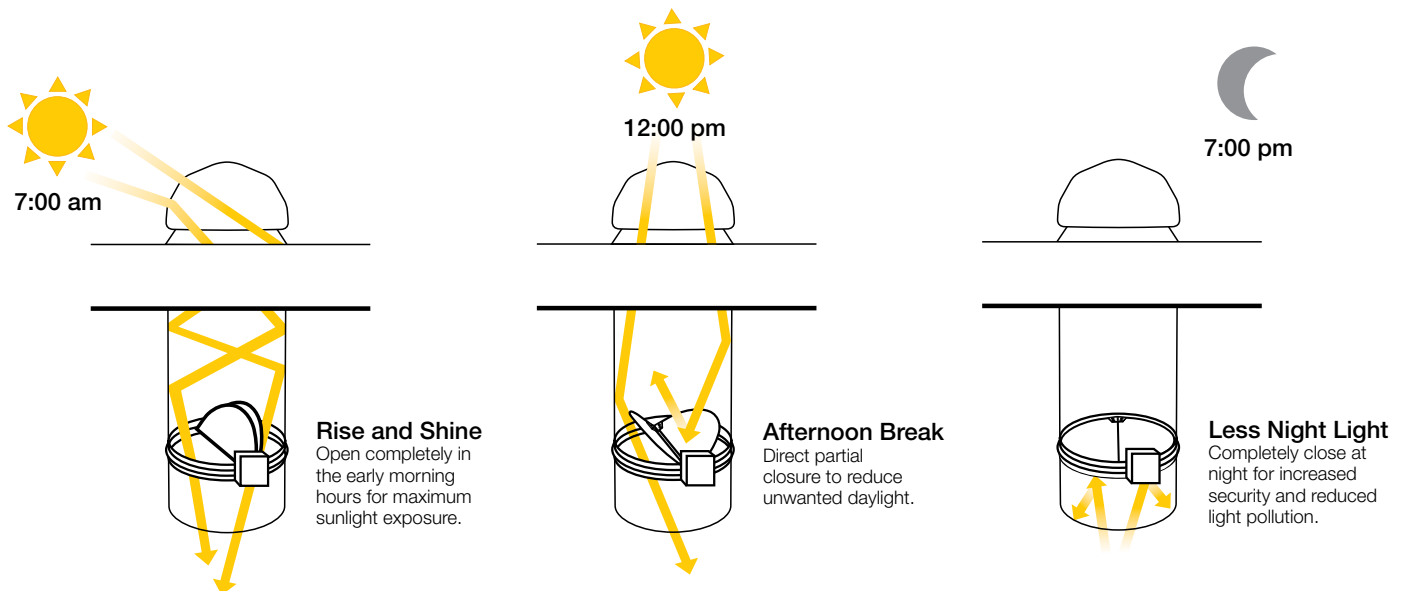


### It's Showtime!

Automatically darken a room for viewing movies and videos.

## Time-Clock Based Operation

Program the lighting control system to direct the 0-10 V Daylight Dimmer to provide 24-hour light management.



## Specifications for the 0-10 V Daylight Dimmer

### Overview

- Universal 0-10 V automated programmable dimmer control
- Improved optical control of dimmer position for synchronous operation of up to 40 units
- Universal AC Line Voltage Supply with 0-10 V DC Control Input
- Fail-safe circuitry and logic to prevent damaging cycling of dimmer operation in the event of control system failure
- Solatube International 5-year warranty against manufacturing defects

### Electrical Power Supply

- Power supply: 90-277 V AC, 50/60 Hz., Current draw of 50 ma: 5 V DC for motor and manual controls supplied by built-in universal voltage transformer
- Wire size: up to 12 gauge
- Junction box: Volume allows electrical pigtail connections

### Control Wiring for 0-10 V Daylight Dimmer

- A 2-conductor wire (22 gauge) 0-10 V DC signal will provide a proportional damper opening. 0 V DC is closed for minimum light; 10 V DC is open for maximum light.
- Multiple units can be daisy chained from the master dimmer with 2 conductor wire (22 gauge) connected to dimmer terminals: 40 units maximum.

### Installation and Integration

- The new 0-10 V Daylight Dimmer is a technical advancement in the area of daylight control that requires integration with 3rd party lighting control products. For advanced operations, such as automatic modulating daylight control, this product requires advanced lighting control functionality that may not yet be available from all lighting control products. Prior to specifying a project for this type of

