



Daylight Harvesting Controls *Luxstat Dimming Control Module*

KEY FEATURES

- Open Loop continuous dimming daylight harvesting control
- Pushbutton programming
- Automated setup
- LCD display provides “Real Time” light-level readings
- 5 pre-programmed applications—Fit most applications without complicated setup
- Continuous dimming control—choose from 1, 2, or 3 zones
- Individual adjustment for each channel of control
- Compatible with 2-wire 0–10 volt dimming ballast
- Integration with occupancy sensors and manual override controls
- DIN rail mounting
- Title 24 compliant
- UL and cUL listed
- 2-Year warranty



OVERVIEW

Using a unique Open Loop control algorithm, the Luxstat Dimming Control Module by Servodan provides continuous dimming daylight harvesting control to an area. The lights dim when there is enough daylight, and they brighten when there is not enough daylight. Instead of measuring the light already inside an area, this module measures the amount of daylight entering an area. During installation, lighting levels (without artificial lighting) are measured at task height for each of the 3 zones. The controller adjusts each of the zones independently to maintain the desired lighting levels within each space while taking advantage of available natural daylight. The Luxstat Dimming Control Module is part of a daylight harvesting system that includes the Luxstat Light Sensor and the Luxstat Power Pack. This control module can work with occupancy sensors and manual wall switches to provide a diverse lighting solution for classrooms and meeting rooms.

SPECIFICATIONS

Electrical	• Class 2
Supply voltage	• LUXSTATPP Power Pack: 24 VDC
Operation	• Control output voltage to ballasts: 0–10 VDC
Programmable features	• Minimum output setting: 0–4 VDC
	• Maximum output setting: 6–10 VDC
	• Fade and ramp rate: 5–60 seconds
	• Cut off delay: 0–20 minutes or infinity
	• Maximum sink: 50mA per channel
	• Maximum source: 3mA per channel
Certifications	• Maximum ballasts: 50 per channel
	• UL and cUL listed

HOW TO ORDER

Catalog Number	Description
LUXSTATDCM	Luxstat Dimming Control Module, 24V DC