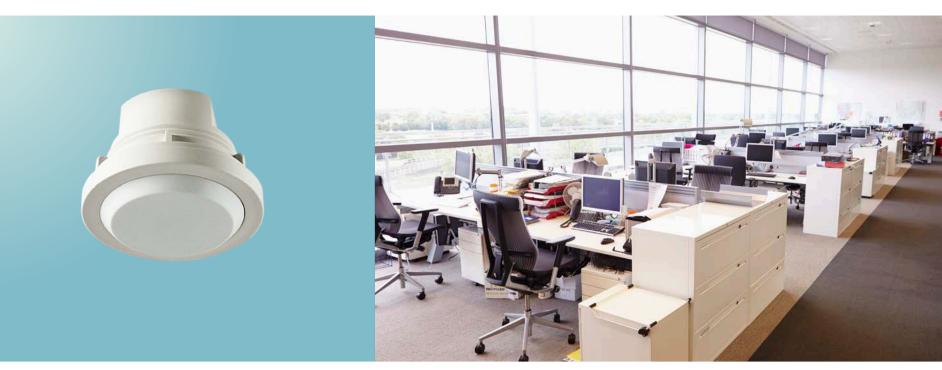


Newsletter



Introducing the **BED-500** series



A remote programmable daylight sensor featuring SmartDIM continuous dimming control

The premier sensor specialist, IR-TEC introduces probably the first 2-way IR remote programmable daylight sensor in the world featuring multi-mode SmartDIM* for continuous dimming or StepDIM control. Combine the BED-500 with standard low voltage occupancy sensors and solve the new Title 24 continuous dimming needs without a costly room controller.

This SmartDIM daylight sensor provides an isolated dry contact for light switching via a power pack or building management system, and a dynamically changing 0-10V output for continuous dimming control or a fixed 0-10V for multi-level step dimming control. All sensor settings can be easily done via a 2-way IR remote programmer.

* SmartDIM is a state-of-the-art continuous dimming control technology, developed by IR-TEC, which is capable of constantly regulating the output of dimmable lighting by sensing the light level change in the space, thus maintaining the overall ambient light level within a preset range.

FEATURES

• Digital data control ambient light sensor built-in

Digital data control ambient light sensor provides dynamic sensing performance in response to the changes of ambient light level, thus creating a smooth dimming control that is not distracting to the occupant.

Beeping and light flashing acknowledgement

The sensor will respond with beeping to acknowledge the receipt of data, and flashing the connected light to acknowledge completion of a successful setting upload.

Multi-mode SmartDIM daylight harvesting control

The BED-500 series can be programmed to automatically control the output level of connected lighting via a dynamically changing 0-10V to maintain the overall ambient light level with a preset range as mode selected.

2-way IR remote programmable sensor setting

Setting a large number of installed sensors, especially high bays, is a time consuming and expensive job. All sensor settings can be saved in the remote to allow quick programming via an intuitive 2-way IR handheld remote from the floor.

Multiple fixture integration and mounting options

Like all sensors in the TRANS family, the BED-500 series is also available with a variety of mounting options, including individual fixture integration, IP-66 fixture integration, ceiling surface/recess mount, and junction box mount.

• Cost effective CA Title 24 compliant solution

The BED-600 in combination with low voltage occupancy sensor, power pack, and push-button switch can solve your Title 24 vacancy and continuous dimming requirements for a fraction of the cost.

ASHRAE 90.1 & CA Title 24 code compliant

Help obtain the highest building sustainability

Smart Sensor for Smart Lighting

BENEFITS

- Save time thru remote setting from the floor
- Achieve the highest level of energy savings
- Increase productivity and occupant comfort

APPLICATIONS

- **Daylight Harvesting Control with 0-10V Continuous Dimming**
- **Daylight Harvesting Control with 0-10V Multi-level Step Dimming**



ORDERING INFORMATION

BED-500Sx : Sensor comes with lead wires and x-mount

Mounting Option	x-mount
Fixture Integrated	F
IP-66 Fixture Integrated	w
Fixture External	E
IP-66 Fixture External	Р
Ceiling Surface	S
Junction Box	С
Ceiling Recess	R

Specializing in Building Sensors

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