

CoreSync

Wireless Ambient Light Sensor



CoreSync Ambient Light Sensors are wireless and self-powered, providing a cost-effective way to control energy use in unoccupied rooms

The CoreSync Ambient Light Sensor measures and reports the level of available natural light, enabling energy-saving daylight harvesting capabilities when used within the CoreSync Network Connected Lighting system



Features and Benefits

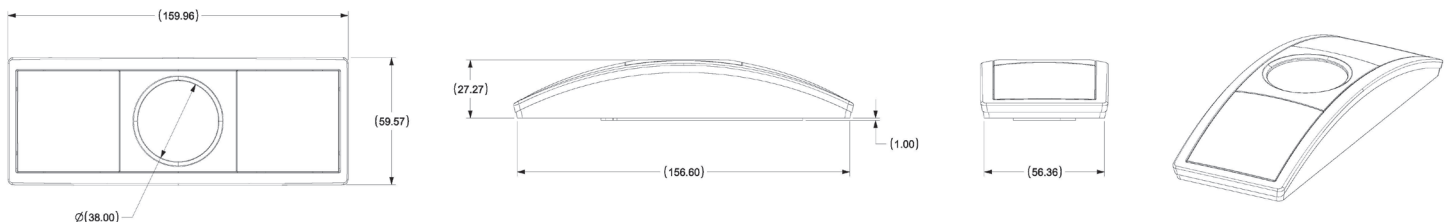
Interoperable	Fully compatible with other CoreSync and EnOcean-enabled wireless devices
Wireless	Communicates wirelessly with other CoreSync devices and CoreSync Network Connected Lighting System
Powered by solar energy	No wiring or battery scheme needed
Mounts on any ceiling material	Easy, fast installation

Specifications

Power Supply: Solar energy harvesting	EnOcean Equipment Profile (EEF): A5-06-02
RF Communications: 902MHz, 868MHz	Minimum Operating Light: 50 lux (for auto-off only)
Transmission Range: 80 ft. (25m)	Agency Compliance: FCC, IC, RoHS
Measurement interval: 1 minute	Dimensions: 6.30" H x 2.36" W x 1.15" D (160mm x 60mm x 37mm)
Transmission interval: Immediate if change >50lux vs. last transmission; heartbeat every 20 to 30 minutes, at random	Mounting Height: Ceiling, near ambient light source (window)

Ordering Information

Molex Number	Description
180997-0006	Ambient Light Sensor, Ceiling Mount, 902MHz
180997-0106	Ambient Light Sensor, Ceiling Mount, 868MHz



www.CoreSync.molex.com

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