

# Transcend<sup>®</sup> Wireless Ambient Light Sensor

molex<sup>®</sup>

**Transcend<sup>®</sup> Ambient Light Sensors are wireless and self-powered, providing a cost-effective way to control energy use in unoccupied rooms**

The Transcend<sup>®</sup> Ambient Light Sensor measures and reports the level of available natural light, enabling energy-saving daylight harvesting capabilities when used within the Transcend<sup>®</sup> Network Connected Lighting system.



## Features and Benefits

Interoperable	Fully compatible with other Transcend <sup>®</sup> and EnOcean-enabled wireless devices
Wireless	Communicates wirelessly with other Transcend <sup>®</sup> devices and Transcend <sup>®</sup> 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
RF Communications	902MHz, 868MHz
Transmission Range	80 ft. (25m)
Measurement range/resolution	0 to 1020 lux / 4 lux
Typical accuracy	+/- 5% at full scale / 68°F
Measurement interval	1 minute
Transmission interval	Immediate if change >50lux vs. last transmission; heartbeat every 20 to 30 minutes, at random
EnOcean Equipment Profile (EEP)	A5-06-02
Minimum Operating Light	50 lux (for auto-off only)
Agency Compliance	FCC, IC, RoHS
Dimensions	6.30" H x 2.36" W x 1.15" D (160mm x 60mm x 37mm)
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