

Transcend[®] Wireless Ambient Light Sensor

molex[®]

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

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



Features and Benefits

| | |
|--------------------------------|--|
| Interoperable | Fully compatible with other Transcend [®] and EnOcean-enabled wireless devices |
| Wireless | Communicates wirelessly with other Transcend [®] devices and Transcend [®] 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 |

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Ambient Light Sensors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[NJL7302L-F3](#) [DY-FPD204-6B/L3](#) [DY-FPD333-3B/L3](#) [DY-FPD333B-A5](#) [DY-FPD4134C-A3](#) [DY-PD234-6B](#) [DY-PD333B-A5](#) [DY-PD673B-A2](#) [DY-PD204-6B](#) [0805-PTSM D021](#) [VEML7700-TT](#) [ALS-PT19-315C/L177/TR8](#) [APDS-9900](#) [APDS-9900](#) [BH1680FVC-TR](#) [AS7261-BLGM](#) [AS7262-BLGM](#) [EAALSTIC1708A0](#) [AS7261-BLGT](#) [180997-0006](#) [AS7221-BLGT](#) [OPT3001IDNPRQ1](#) [OPT3007YMFT](#) [CPRV2222A-LP](#) [AS7263-BLGT](#) [ISL29112IROZ-T7A](#) [BH1682FVC-TR](#) [SI1132-A10-GM](#) [APS3227SP1C-P22](#) [AS7211-BLGM](#) [AS7211-BLGT](#) [AS7220-BLGM](#) [AS7221-BLGM](#) [AS7225-BLGM](#) [AS7225-BLGT](#) [AS7261N-BLGM](#) [AS7263-BLGM](#) [AS72651-BLGT](#) [AS72652-BLGT](#) [AS73211-AB5](#) [AS7341-DLGM](#) [AS7341-DLGT](#) [TMD27723](#) [TMD37024VCM](#) [TMD37253M](#) [TSL25403M](#) [TSL27403M](#) [ADPD188GG-ACEZR7](#) [AS73211-AQFT](#) [AS72653-BLGT](#)