

SSEN-1-W

smartengine LED Sensor, Generation 3



GENERAL SPECIFICATIONS

Brand	wtec
Generation	3
Product Type	smartsensor
Application	Controls a connected LED fixture and collects light level, temperature and motion data
Data Ports, qty	1 to LED fixture 1 to smartengine
Color	White Black
Mount Type	Ceiling fixture
Package Quantity	1

DIMENSIONS

Height	63.50 mm 2.50 in
Inner Diameter	25.40 mm 1.0 in
Outer Diameter	40.64 mm 1.60 in
Weight	0.11 kg 0.25 lb

PIR SPECIFICATIONS

Coverage, Fine Grain Motion (diameter)	15ft 1in (4.6m) Mounting Height 10ft (3m)
Coverage, Coarse Grain Motion (diameter)	23ft 7in (7.2m) Mounting Height 10ft (3m)
Motion Sensitivity Options	Disabled, Low, Normal or High

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MECHANICAL SPECIFICATIONS

smartengine Connector	1 qty
smartengine Connector Interface	RJ45
Fixture Connector	1 qty
Fixture Connector Interface	RJ45
Material Type	Plastic

ORDERING INFORMATION

Product	Color	PID
SSEN-1-W	W- White E- Black	SENSOR00 (sensor only) GNEW1150 (150-349mA) GNEW1350 (350-499mA) GNEW1500 (500-700mA) Custom (consult factory)

ELECTRICAL SPECIFICATIONS

ANSI/TIA Category	5e 6 6A
Power Consumption, max.	10 mW
Power Consumpt. stby., max.	500 mW

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ENVIRONMENTAL SPECIFICATIONS

Ambient Temp. Sensor Range	0°C to +100°C (+32°F to +212°F)
Amb. Temp. Sensor Tolerance	±1 °C (1.8 °F)
Environmental Space	Indoor Plenum
Operating Humidity	10% - 80%, non-condensing
Operating Temperature	0°C to +50°C (+32°F to +122°F)
Storage Humidity	5% - 95%, non-condensing
Storage Temperature	-20°C to +60°C (-4°F to +140°F)

SAFETY STANDARD

Safety	c-UL-us UL 8750 UL 60950-1 CAN/CSA 22.2 NEC Article 725 Clas 2 TUV IEC 62368-1 CE BIS
Electromagnetic Emissions	FCC Part 15 Class A EN 55032 (CISPR 32) AS/NZS CISPR 32 CE

REGULATORY COMPLIANCE/CERTIFICATIONS

Agency	Classification
RoHS 2011/65/EU	Compliant

