SSEN-2-W

smartengine LED Sensor, Beacon

GENERAL SPECIFICATIONS

Brand	wtec
Product Type	smartsensor with beacon
Application	Controls a connected LED fixture and collects light level, temperature, motion data and generate and detect beacons in iBeacon format
Data Ports, qty	1 to LED fixture │ 1 to smartengine
Color	White │ Black
Mount Type	Ceiling │ fixture
Package Quantity	1
Registration number	FCCC ID 2BAE8-SSEN2 │ IC 30107-SSEN2

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	0.026 kg │ 0.057 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-2-W —	_____ —	_____

	W- White	SENSOR00 (sensor only)
	E- Black	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 +50°C (+32°F to +122°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
Important FCC Compliance Information for Device Operation	This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.Changes or modifications not expressly approved by wtec GmbH could void the user's authority to operate the equipment.
Compliance with ISED's Licence-Exempt RSS	This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

REGULATORY COMPLIANCE/CERTIFICATIONS

Agency	Classification
RoHS 2011/65/EU	Compliant