

Issue 20190703 – July 2019

SSEN-1-W-GNEW1350



smartengine LED Sensor Generation 3, one channel
350–499 mA fixture

- Transfers up to 34 W to fixture
- Light level sensor
- Ambient temperature sensor
- Infrared motion sensor

GENERAL SPECIFICATIONS

Brand..... smartengine
Generation..... 3
Product Type Sensor
Application Collects and transmits sensor data | Controls and dims a connected
 thirdparty LED fixture
Data Ports, quantity 1
Fixture Manufacturer Generic
Colour White
Mount Type Ceiling
Package Quantity..... 1

DIMENSIONS

Height..... 63.50 mm | 2.50 in
Inner Diameter 25.40 mm | 1.00 in
Outer Diameter 40.64 mm | 1.60 in
Weight..... 0.11 kg | 0.25 lb

MECHANICAL SPECIFICATIONS

Active channels 1 qty
Electr. Switch Connector Interface 20 AWG snap in connector
Engine Connector Interface RJ45
Engine Connector Interface 1 qty
Fixture Connector Interface RJ45
Material Type..... Plastic

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ELECTRICAL SPECIFICATIONS

- ANSI/TIA Category** 5e | 6 | 6A
- Drive Current, Channel 1** 350–499mA
- Power Consumption, max.** 10 mW
- Power Consumpt. stby., max.** max. 500mW

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** AS/NZS CISPR 22 | C-tick | c-UL-us | CE | CEC Title 24-2008 | IEC 60950 | IEC 61000-4.5, Class 3 | UL 60950 | UL 924 | UL-us | US FCC Part 15, Class A

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REGULATORY COMPLIANCE/CERTIFICATIONS

| Agency | Classification |
|-----------------|----------------|
| RoHS 2011/65/EU | Compliant |

