

Issue 20190626 – June 2019

# SSEN-1-W-GNEW1500



smartengine LED Sensor Generation 3, one channel  
500–700 mA fixture

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

## GENERAL SPECIFICATIONS

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

## DIMENSIONS

<b>Height</b> .....	63.50 mm   2.50 in
<b>Inner Diameter</b> .....	25.40 mm   1.00 in
<b>Outer Diameter</b> .....	40.64 mm   1.60 in
<b>Weight</b> .....	0.11 kg   0.25 lb

## MECHANICAL SPECIFICATIONS

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

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## ELECTRICAL SPECIFICATIONS

**ANSI/TIA Category** ..... 5e | 6 | 6A  
**Drive Current, Channel 1** ..... 500–700 mA  
**Power Consumption, max.** ..... 10mW  
**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

