

Issue 20170322 – March 2017

# SG-2G-LED-GNEW2350



smartengine LED Gateway, Generation 2, two channel  
350-700 mA fixture

- Transfers up to 102 W to fixture (34 W per channel)
- Connects to sensor pod

## GENERAL SPECIFICATIONS

<b>Brand</b> .....	smartengine
<b>Generation</b> .....	2
<b>Product Type</b> .....	Gateway
<b>Application</b> .....	Controls and dims a connected thirdparty LED fixture   Transmits sensor data
<b>Data Ports, qty</b> .....	4
<b>Fixture Manufacturer</b> .....	Generic
<b>Mount type</b> .....	Ceiling
<b>Package Quantity</b> .....	1

## DIMENSIONS

<b>Depth</b> .....	106.68 mm   4.20 in
<b>Height</b> .....	30.48 mm   1.20 in
<b>Width</b> .....	76.20 mm   3.00 in
<b>Weight</b> .....	0.11 kg   0.25 lb

## MECHANICAL SPECIFICATIONS

<b>Active Channels</b> .....	2 qty
<b>Engine Connector Interface</b> .....	RJ45
<b>Engine Connector Interface</b> .....	3 qty
<b>Fixture Connector Interface</b> .....	10-pin mini connector
<b>Material Type</b> .....	Plastic
<b>Opt. Engine Connector Interface</b> ...	18 AWG spring loaded terminal
<b>Opt. Engine Connector Interface</b> ...	6 qty
<b>Sensor Connector Interface</b> .....	RJ25
<b>Sensor Connector Interface</b> .....	1 qty

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## ELECTRICAL SPECIFICATIONS

**ANSI/TIA Category** ..... 5e | 6 | 6A  
**Drive Current, channel 1** ..... 350 mA  
**Drive Current, channel 2** ..... 350 mA  
**Power Consumpt., stdby, max.** ... 500 mW

## ENVIRONMENTAL SPECIFICATIONS

**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

