

Issue 20190322 – March 2019

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

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

DIMENSIONS

Depth	106.68 mm 4.20 in
Height	30.48 mm 1.20 in
Width	76.20 mm 3.00 in
Weight	0.11 kg 0.25 lb

MECHANICAL SPECIFICATIONS

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

