



smartengine

Generation 3GS  
277 Vac

## GENERAL SPECIFICATIONS

<b>Brand</b>	smartengine
<b>Generation</b>	3 s
<b>Product Type</b>	Engine
<b>Application</b>	Powers and communicates with smartgateways, sensors, and wall switches Provides communications and control for all types of lighting
<b>Includes</b>	smartengine operating system
<b>LED Indicators</b>	Channel status   Network activity   Power
<b>Marketing Feature</b>	Link multiple engines together to power and control thousands of fixtures   Significantly reduces energy consumption
<b>Mount Type</b>	Rack   Wall
<b>Package Quantity</b>	1   Rack mount kit   7 Feet Blue Pepper
<b>Rack Type</b>	EIA 19 in
<b>Rack Units</b>	1.5
<b>Storage</b>	Nonvolatile memory for configuration

## DIMENSIONS

<b>Depth</b>	555.75 mm   21.88 in
<b>Height</b>	63.50 mm   2.50 in
<b>Width</b>	441.96 mm   17.40 in
<b>Front Clearance Required, min.</b>	152.40 mm   6.00 in
<b>Back Clearance Required, min.</b>	152.40 mm   6.00 in
<b>Weight</b>	10.43 kg   23.00 lb

### LED-DRIVER SPECIFICATIONS

<b>Power/Data Ports, qty</b>	48
<b>Driver Efficiency, max.</b>	89%
<b>Output Current per Port</b>	100-700 mA
<b>Output Power per Port, max.</b>	34 W
<b>Output Voltage Range per Port</b>	18-53 Vdc
<b>Power Dimming Range</b>	10-100%
<b>Power Dissipation</b>	220 W   751 BTU/hr
<b>Power Factor</b>	0.98 @ 277 Vac

### MECHANICAL SPECIFICATIONS

<b>Communications Port Interface</b>	RJ45
<b>Communications Ports, qty</b>	2
<b>Power Cord Connector Interface</b>	IEC 60320-C19

### ELECTRICAL SPECIFICATIONS

<b>ANSI/TIA Category</b>	5e   6   6A
<b>Input Voltage</b>	277 Vac/8A
<b>Power Consumption, max.</b>	2200 W
<b>Power Frequency</b>	50-60 Hz

### ENVIRONMENTAL SPECIFICATIONS

<b>Cooling</b>	3 internal fans
<b>Environmental Space</b>	Indoor
<b>Operating Humidity</b>	10%-80%, non-condensing
<b>Operating Temperature</b>	0°C to +50°C (+32°F to +122°F)
<b>Storage Humidity</b>	5%-95%, non-condensing
<b>Storage Temperature</b>	-20°C to +70°C (-4°F to +158°F)
<b>Safety Standard</b>	AS/NZS CISPR 22   C-tick   c-UL-us   CE   CEC Title 24-2008   IEC 60950   IEC 61000-4.5   NEC Article 725 Class 2   UL 60950   UL 924   UL-us   US FCC Part 15, Class A
<b>Safety Standard Note</b>	Only engines with a 15-digit serial number and factory installed Software Version 3.2.0 or later are UL 924 tested and certified

SENG-2-4834-277

### REGULATORY COMPLIANCE/CERTIFICATIONS

Agency	Classification
RoHS 2011/65/EU	Compliant

