

## SENG-1-4834-277

### smartengine, generation 3, 277 V



## GENERAL SPECIFICATIONS

<b>Brand</b>	wtec
<b>Generation</b>	3
<b>Product Type</b>	smartengine
<b>Application</b>	Powers and communicates with smartgateways, sensors, and wall switches Powers and controls LED light fixtures
<b>Includes</b>	smartengine operating system
<b>LED Indicators</b>	Channel status   Network activity   Power
<b>Mount Type</b>	Rack   Wall
<b>Package Quantity</b>	1   Rack mount kit
<b>Rack Type</b>	EIA 19 in
<b>Rack Units</b>	1.5
<b>Storage</b>	Nonvolatile memory for configuration

## DIMENSIONS

<b>Depth</b>	559.00 mm   22.00 in
<b>Height</b>	65.90 mm   2.60 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

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#### LED-DRIVER SPECIFICATIONS

Power/Data Ports, qty	48
Driver Efficiency, max.	90%
Output Current per Port	100 - 700 mA
Output Power per Port, max.	34 W
Output Voltage Range per Port	18-48 Vdc
Power Dimming Range	10 - 100%
Power Dissipation	230 W   785 BTU/h
Power Factor	0.98 @ 277 Vac
Dimming Curve	Square Law

#### MECHANICAL SPECIFICATIONS

Communications Port Interface	RJ45
Communications Ports, qty	2
Power Cord Connector Interface	NEMA L7-15P

#### ELECTRICAL SPECIFICATIONS

ANSI/TIA Category	5e   6   6A   7
Input Voltage	277 Vac / 8A
Power Consumption, max.	2200 W
Power Frequency	50 - 60 Hz

#### SAFETY STANDARD

Safety	c-UL-us   UL924   UL 8750   UL 60950-1   CAN/CSA 22.2   NEC Article 725 Class 2   TUV   IEC 62368-1   CE   BIS
Electromagnetic Emissions	FCC Part 15 Class A   EN 55032 (CISPR 32)   AS/NZS CISPR 32   CE

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#### ENVIRONMENTAL SPECIFICATIONS

Cooling	3 internal fans
Environmental Space	Indoor
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 +70°C (-4°F to +158°F)

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#### REGULATORY COMPLIANCE/CERTIFICATIONS

Agency	Classification
RoHS 2011/65/EU	Compliant

