

GasGlow® Product Specifications Summary

October 2015

GasGlow® LED Power Usage Specifications									
	<u>Lumens</u>	<u>Number of LEDs</u>	<u>Forward Voltage</u>	<u>Current</u>	<u>Watts per LED</u>	<u>Watts Per Fixture</u>	<u>Annual Power Usage (KwH at 12hrs/day)</u>	<u>Energy Cost per KwH</u>	<u>Annual Power Cost</u>
Dual LED	667	8	3.3	350 mA	1.115	8.92	39.09	\$0.10	\$3.91
Triple LED	1000	12	3.3	350mA	1.115	13.38	58.60	\$0.10	\$5.86
Quad LED	1334	16	3.3	350mA	1.115	17.84	78.17	\$0.10	\$7.82
Electric Incandescent Comparison									
	<u>Lumens</u>	<u>Number of Bulbs</u>	<u>Watts per Bulb</u>	<u>Watts per Fixture</u>	<u>Annual Power Usage</u>	<u>Energy Cost per KWH</u>	<u>Annual Power Cost</u>		
Dual Bulb	920	2	40	80	350.4	\$0.10	\$35.04		
Triple Bulb	1380	3	40	120	525.6	\$0.10	\$52.56		

GasGlow® LED Driver Specifications	
	<u>Dual, Triple & Quad GasGlow® LED</u>
Standard Driver	Mean Well LPC-20-350
Restriction of Hazardous Substances	RoHS Compliant
Operation Mode	Constant Current
Output Power Rating	20 W
Input Voltage	90 VAC TO 264 VAC, 127 VDC TO 370 VDC
Number of Outputs	1
Output Voltage	9 VDC to 48 VDC
Output Current	350 mA
Mounting Style	Chassis
Dimensions	118 MM L x 35 MM W
Commercial/Medical	Commercial

GasGlow® LED Component Specifications	
Manufacturer	Philips Lumileds
Product Family	Luxeon Rebel ES
Product Name	Luxeon Rebel SMT High Power LED Emitter Royal Blue Lambertian 350mA 3.0V 900mW
Part Number	LXML-PR02-A900
Mounting Method	Surface Mount
Color	Royal Blue
Radiation Pattern	Lambertian
Radiometric Power	900 mW
Forward (Drive) Current	1000 ma
Forward Voltage	3.00 V
Electrostatic Discharge Sensitivity	Class 3A (between 4000V and 8000V) using Human Body Model reference JESD22-A114-B
Operating Case Temperature	-40°C to 135°C