
Specifications

- Input Power $\approx$ 8W
- Output Power $\approx$ 7W
- Line Voltage = 198VAC~264VAC
- Line Frequency = 50Hz
- LED Forward Voltage = 20V
- LED Current $\approx$ 350mA
- Efficiency $\approx$ 84%
- Power Factor $\geq$ 0.9
- Topology: Flyback- Transition Mode
- Solution size: 56mm(L) x 18mm(W) x 19mm(H)

Test Conditions

- Line Voltage = 220VAC/50Hz unless otherwise specified
- LED Forward Voltage $\approx$ 20V
- LED Current $\approx$ 350mA
- Ambient Temperature $\approx$ 25°C

Electrical Performance

V_{IN} (VAC)	I_{IN} (A)	f_{LINE} (Hz)	P_{IN} (W)	PF	V_{OUT} (V)	I_{OUT} (A)	P_{OUT} (W)	η_{SYS} (%)
198.4	0.042	50	7.93	0.948	19.62	0.343	6.73	84.9
200.4	0.042	50	7.94	0.946	19.62	0.344	6.74	84.9
210.4	0.040	50	7.98	0.938	19.62	0.345	6.77	84.8
220.4	0.039	50	8.03	0.930	19.62	0.346	6.79	84.6
230.4	0.038	50	8.08	0.921	19.62	0.348	6.82	84.5
240.4	0.037	50	8.14	0.912	19.62	0.349	6.85	84.1
250.4	0.036	50	8.20	0.902	19.62	0.351	6.89	84.0
264.5	0.035	50	8.28	0.888	19.63	0.352	6.92	83.5

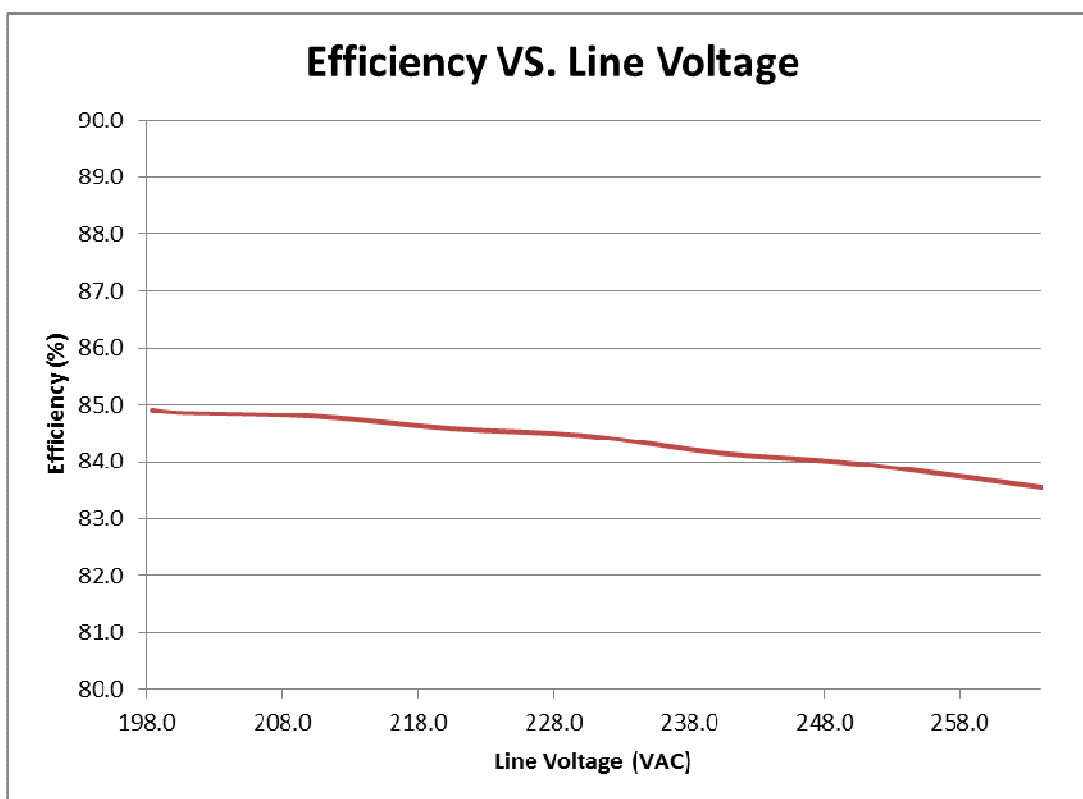
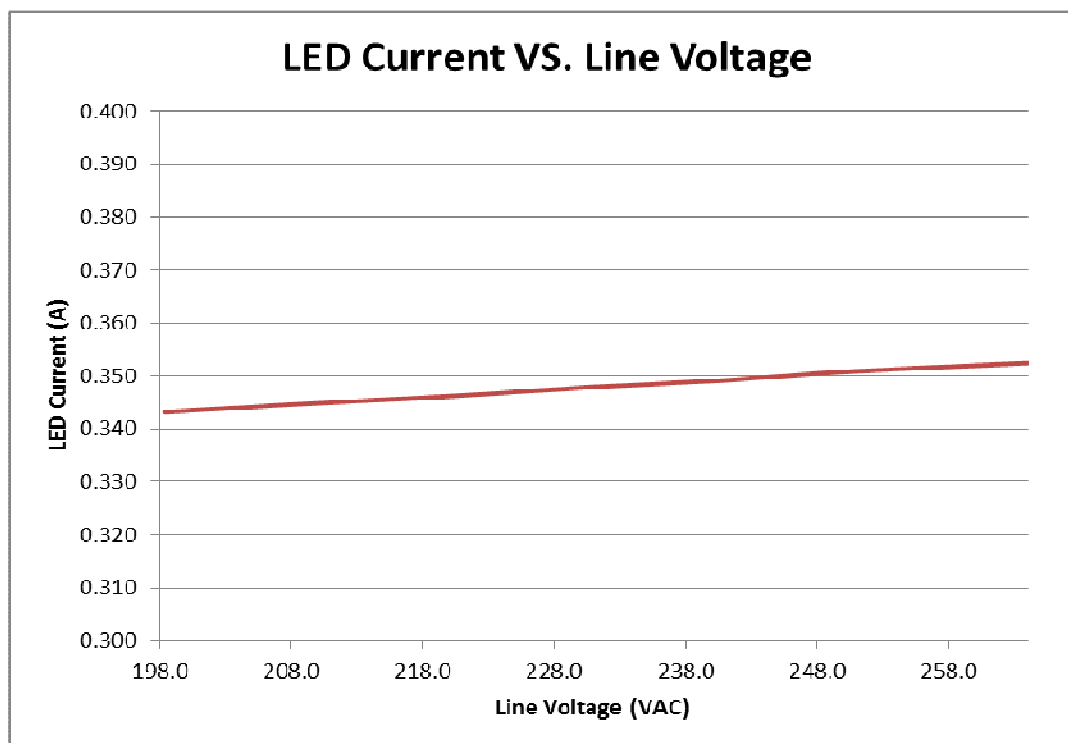
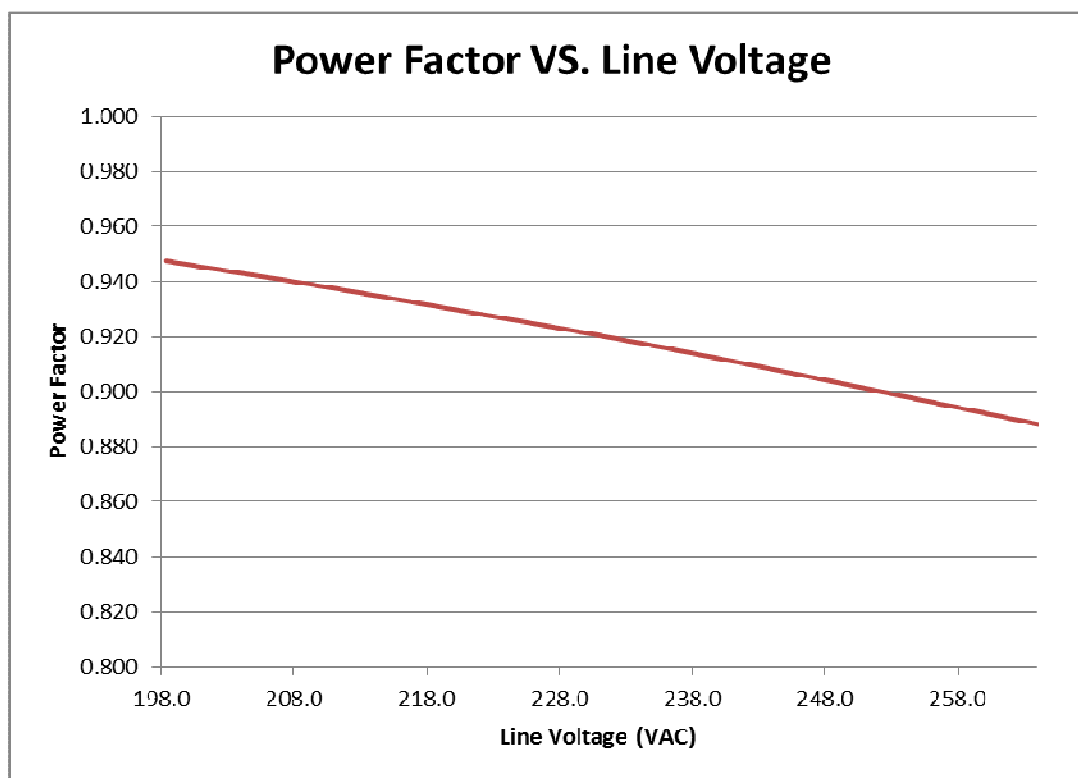


FIGURE 1. Efficiency vs. Line Voltage from 198VAC to 264VAC/50Hz

**FIGURE 2. LED Current vs. Line Voltage from 198VAC to 264VAC/50Hz****FIGURE 3. Power Factor vs. Line Voltage from 198VAC to 264VAC/50Hz**

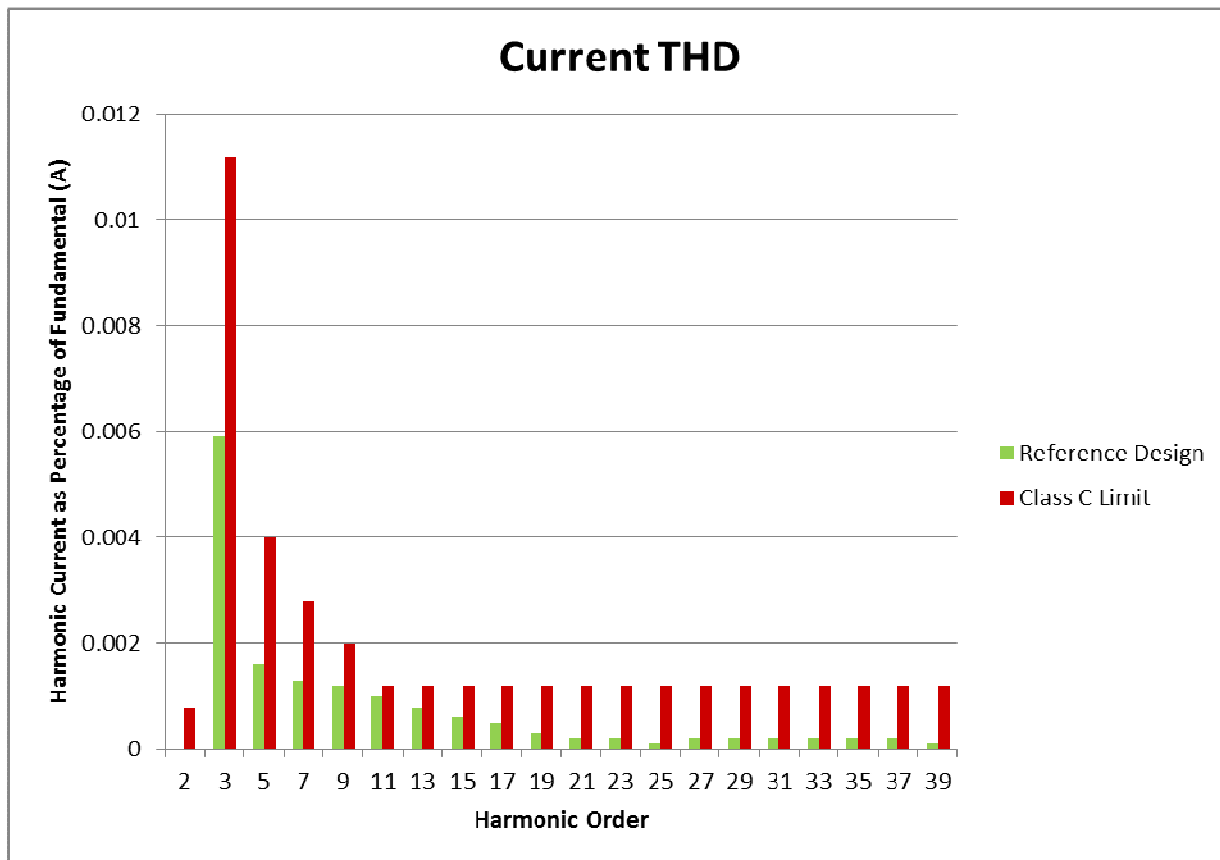


FIGURE 4. Current Harmonic Performance vs. EN/IEC61000-3-2 Class C Limits at 220VAC/50Hz

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