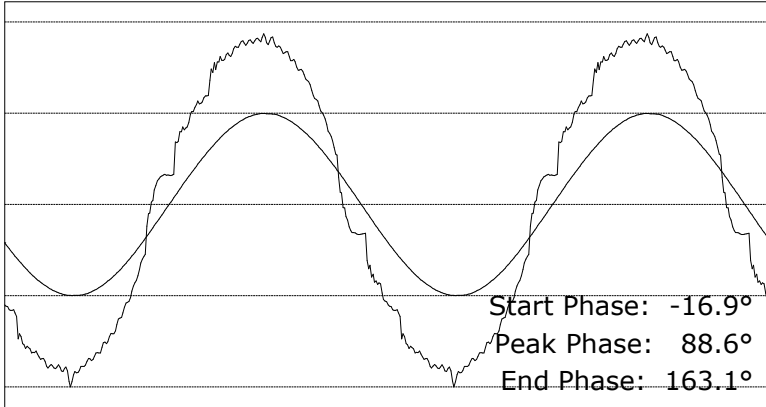
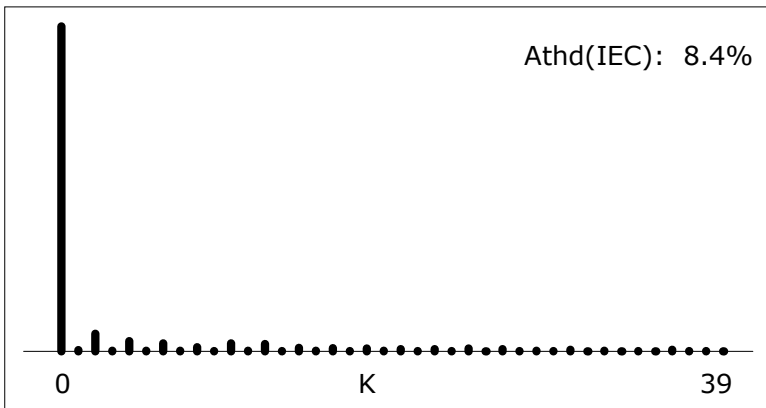
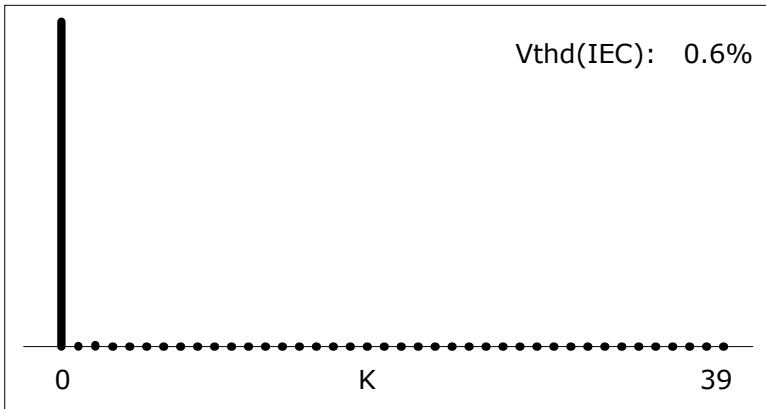


Input Characteristics Test Report [Narrow Band]

Voltage 232.49(V) Current 0.0629(A) Power 14.37(W) Power Factor 0.9821 Frequency 50.00(Hz)



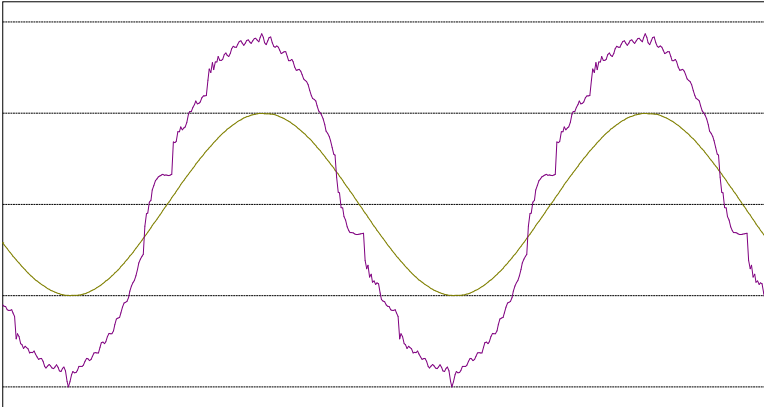
Spectrum(k)	Voltage	Current
0	0.0%	0.3%
1	100.0%	100.0%
2	0.2%	0.4%
3	0.5%	5.5%
4	0.1%	0.3%
5	0.0%	3.2%
6	0.0%	0.2%
7	0.0%	2.5%
8	0.0%	0.2%
9	0.0%	1.4%
10	0.0%	0.1%
11	0.0%	2.6%
12	0.0%	0.3%
13	0.0%	2.4%
14	0.0%	0.2%
15	0.1%	1.2%
16	0.0%	0.2%
17	0.0%	1.0%
18	0.0%	0.1%
19	0.0%	0.9%
20	0.0%	0.2%
21	0.0%	0.7%
22	0.0%	0.1%
23	0.0%	0.8%
24	0.0%	0.2%
25	0.1%	1.0%
26	0.0%	0.1%
27	0.0%	0.7%
28	0.0%	0.1%
29	0.0%	0.2%
30	0.0%	0.1%
31	0.0%	0.6%
32	0.0%	0.1%
33	0.0%	0.3%
34	0.0%	0.1%
35	0.0%	0.1%
36	0.0%	0.1%
37	0.0%	0.6%
38	0.0%	0.1%
39	0.0%	0.1%



Type:LED 0408.G.A311.6.60081.350mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-21

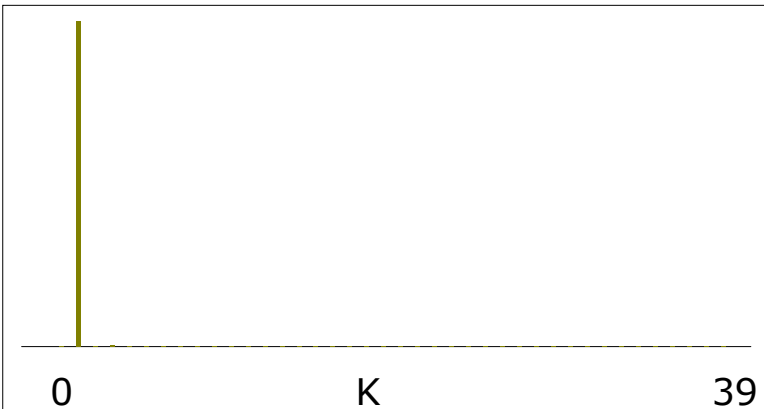
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
232.49(V)	0.0629(A)	14.37(W)	0.9821	50.00(Hz)

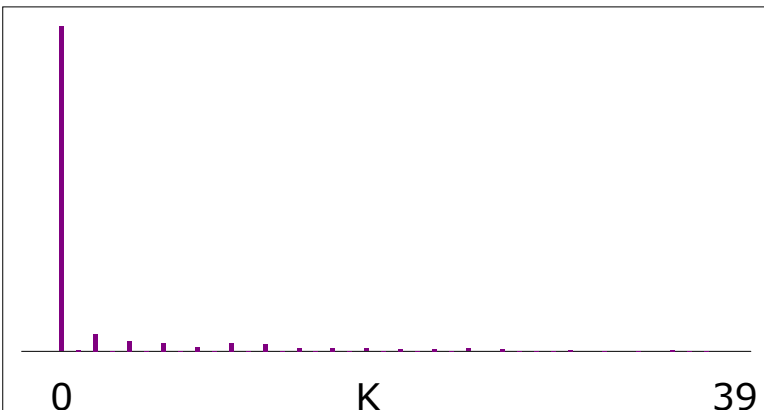


Voltage
Sensitivity: 330.14 V/Div
Peak: 330.14 V

Current
Sensitivity: 0.0470 A
Peak: 0.0940 A
Start Phase: -16.9°
Peak Phase: 88.6°
End Phase: 163.1°



Voltage Spectrum
THD(IEC): 0.61%
H3: 0.55%
H5: 0.02%
H7: 0.04%
H9: 0.01%



Current Spectrum
THD(IEC): 8.4%
H3: 5.46%
H5: 3.21%
H7: 2.51%
H9: 1.37%

Input Characteristics Test Report [Narrow Band] (Cont.)

Voltage: 232.49(V)

VCF: 1.420

Vthd(IEC): 0.61%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.02%	0.05
1	100.00%	232.49
2	0.21%	0.49
3	0.55%	1.27
4	0.08%	0.19
5	0.02%	0.04
6	0.01%	0.02
7	0.04%	0.09
8	0.01%	0.02
9	0.01%	0.03
10	0.01%	0.03
11	0.04%	0.10
12	0.01%	0.02
13	0.04%	0.09
14	0.01%	0.02
15	0.06%	0.13
16	0.01%	0.02
17	0.03%	0.06
18	0.00%	0.01
19	0.01%	0.02
20	0.01%	0.02
21	0.05%	0.11
22	0.00%	0.01
23	0.04%	0.10
24	0.01%	0.02
25	0.05%	0.12
26	0.00%	0.01
27	0.03%	0.07
28	0.01%	0.02
29	0.02%	0.06
30	0.00%	0.00
31	0.01%	0.03
32	0.00%	0.01
33	0.01%	0.01
34	0.00%	0.00
35	0.02%	0.04
36	0.00%	0.01
37	0.01%	0.02
38	0.00%	0.01
39	0.01%	0.02

Current: 0.0629(A)

ACF: 1.494

Athd(IEC): 8.40%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.28%	0.01
1	100.00%	4.36
2	0.44%	0.02
3	5.46%	0.24
4	0.25%	0.01
5	3.21%	0.14
6	0.23%	0.01
7	2.51%	0.11
8	0.22%	0.01
9	1.37%	0.06
10	0.13%	0.01
11	2.56%	0.11
12	0.25%	0.01
13	2.36%	0.10
14	0.20%	0.01
15	1.15%	0.05
16	0.22%	0.01
17	1.03%	0.04
18	0.12%	0.01
19	0.91%	0.04
20	0.20%	0.01
21	0.70%	0.03
22	0.11%	0.00
23	0.77%	0.03
24	0.17%	0.01
25	0.95%	0.04
26	0.06%	0.00
27	0.71%	0.03
28	0.13%	0.01
29	0.25%	0.01
30	0.11%	0.00
31	0.55%	0.02
32	0.05%	0.00
33	0.27%	0.01
34	0.07%	0.00
35	0.14%	0.01
36	0.07%	0.00
37	0.58%	0.03
38	0.10%	0.00
39	0.11%	0.00

Type:LED 0408.G.A311.6.60081.350mA

Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

Inspector:

Test Time:2016-11-21

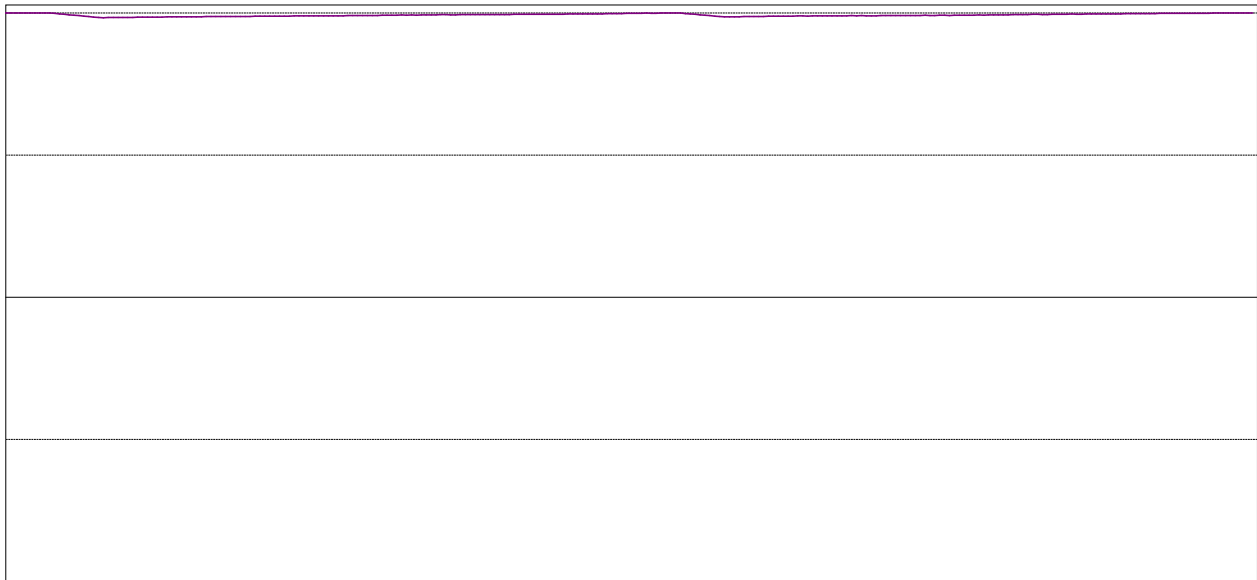
Output

Lamp Voltage(rms):35.03V Lamp Current(rms):0.3493A
Power:12.24W Ripple Current:0.000A Energy Efficiency:0.852

Lamp Voltage Wave



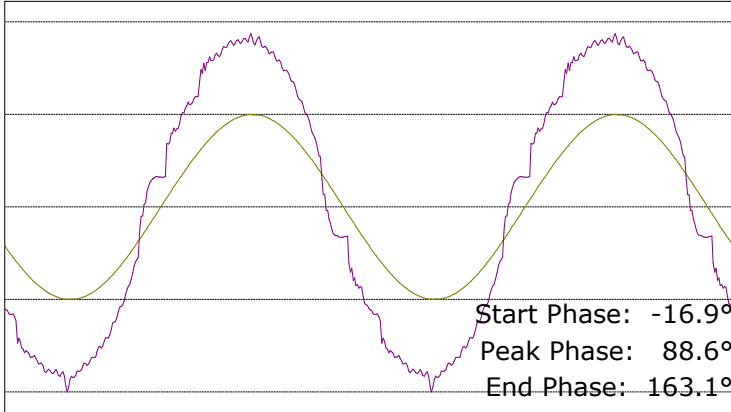
Lamp Current Wave



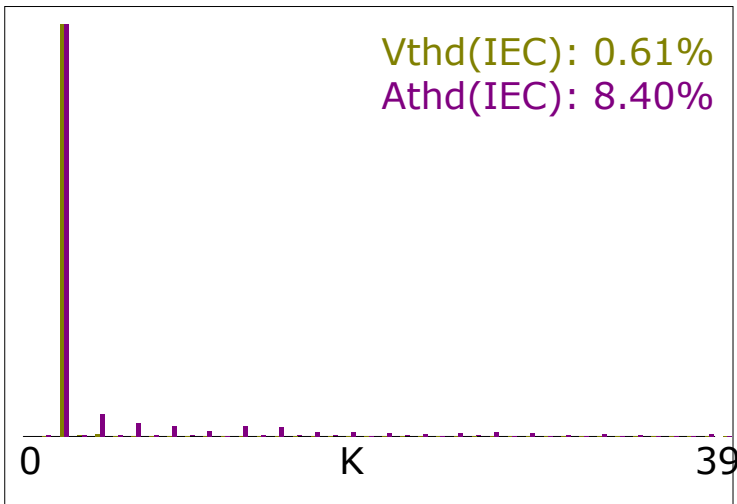
Type:LED 0408.G.A311.6.60081.350mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-21

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



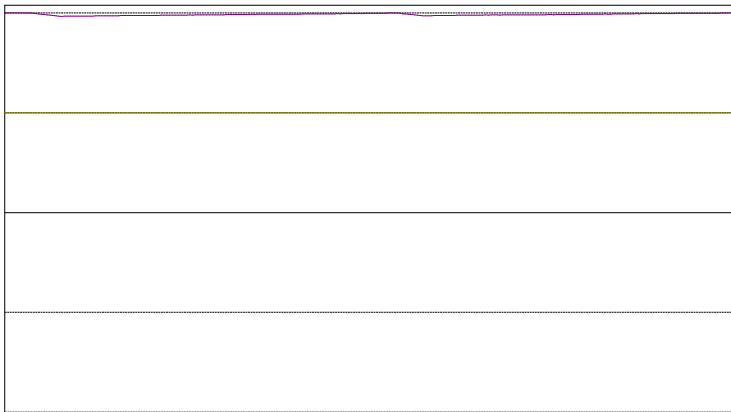
Voltage: 232.494(V)
 VCF: 1.420
 Vthd(IEC): 0.61%
 Current: 0.063(A)
 ACF: 1.494
 Athd(IEC): 8.40%
 Power: 14.4(W)
 Power Factor: 0.9821
 Frequency: 50.00(Hz)



Voltage Spectrum
 H3: 0.55%
 H5: 0.02%
 H7: 0.04%
 H9: 0.01%

Current Spectrum
 H3: 5.46%
 H5: 3.21%
 H7: 2.51%
 H9: 1.37%

Output characteristics



Lamp Voltage(rms):35.03V
 Lamp Current(rms):0.3493A
 Power:12.24W
 Ripple Current:0.000A
 Energy Efficiency:0.852