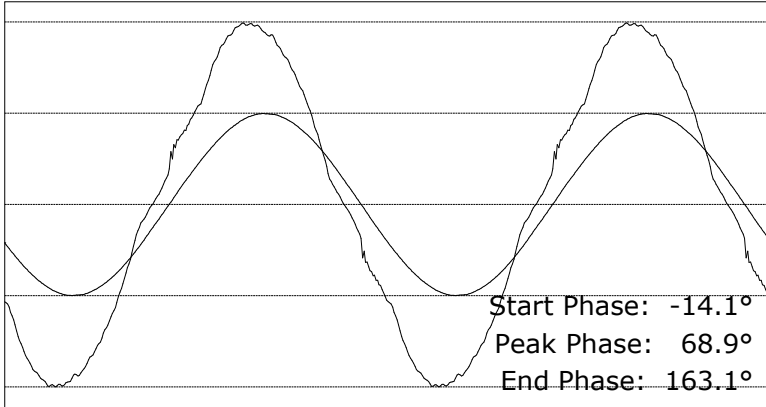
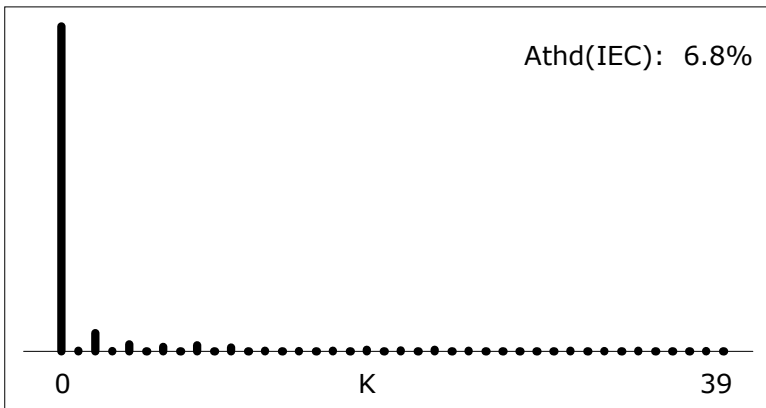
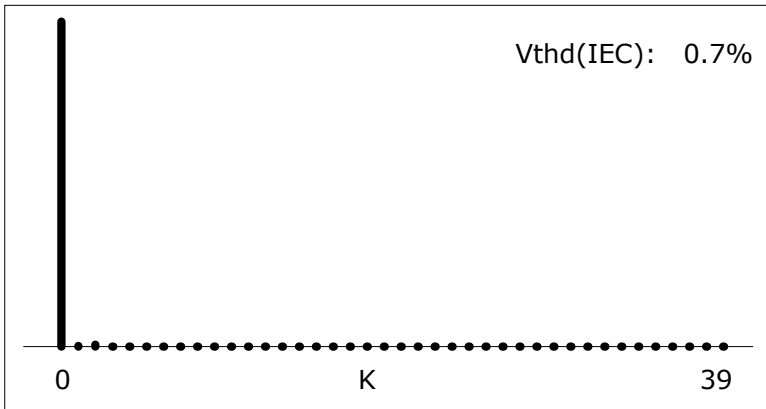


Input Characteristics Test Report [Narrow Band]

Voltage 233.07(V) Current 0.1411(A) Power 31.81(W) Power Factor 0.9673 Frequency 50.00(Hz)



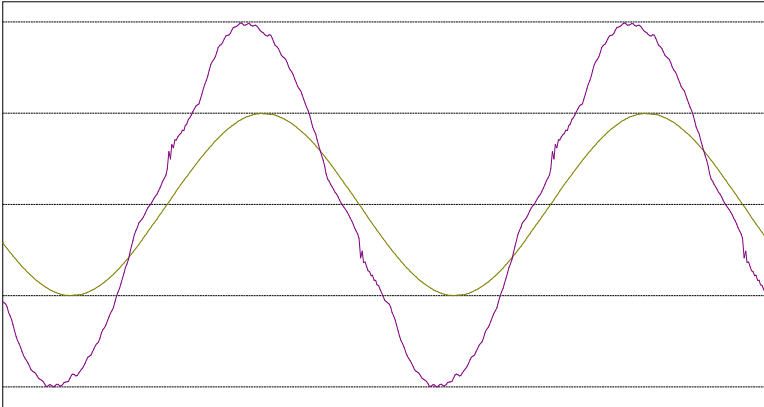
Spectrum(k)	Voltage	Current
0	0.0%	0.4%
1	100.0%	100.0%
2	0.2%	0.2%
3	0.6%	5.7%
4	0.1%	0.1%
5	0.1%	2.2%
6	0.0%	0.0%
7	0.1%	1.4%
8	0.0%	0.0%
9	0.0%	1.9%
10	0.0%	0.0%
11	0.1%	1.2%
12	0.0%	0.0%
13	0.0%	0.2%
14	0.0%	0.0%
15	0.1%	0.2%
16	0.0%	0.0%
17	0.0%	0.2%
18	0.0%	0.0%
19	0.0%	0.5%
20	0.0%	0.0%
21	0.1%	0.4%
22	0.0%	0.0%
23	0.0%	0.5%
24	0.0%	0.0%
25	0.1%	0.2%
26	0.0%	0.0%
27	0.0%	0.0%
28	0.0%	0.0%
29	0.0%	0.0%
30	0.0%	0.0%
31	0.0%	0.2%
32	0.0%	0.0%
33	0.0%	0.1%
34	0.0%	0.0%
35	0.0%	0.2%
36	0.0%	0.0%
37	0.0%	0.1%
38	0.0%	0.0%
39	0.0%	0.1%



Type:LED 0123.W.A931.6.60056.800mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-10-26

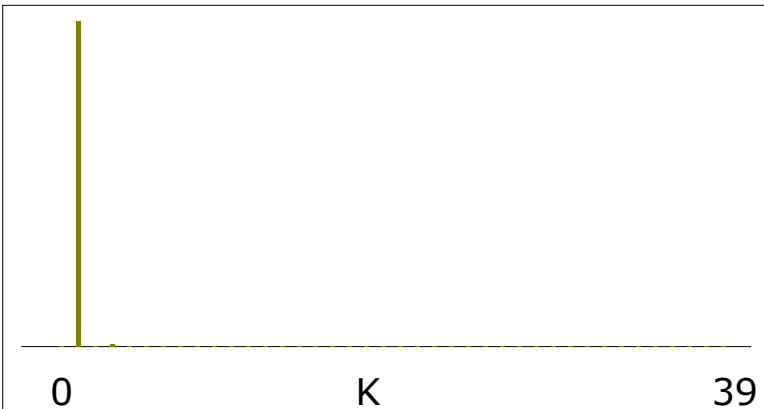
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
233.07(V)	0.1411(A)	31.81(W)	0.9673	50.00(Hz)

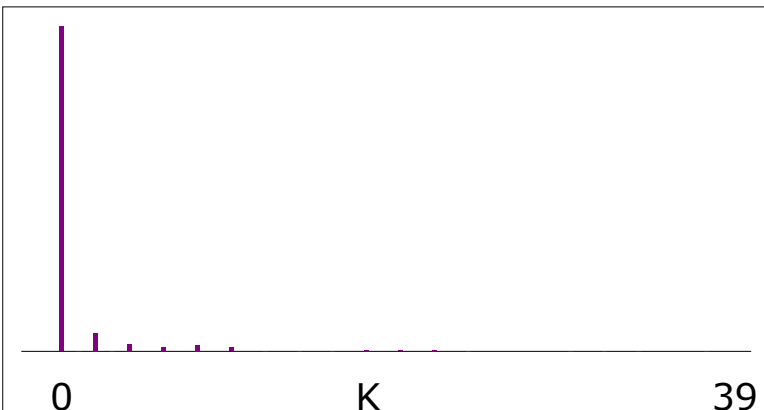


Voltage
Sensitivity: 331.85 V/Div
Peak: 331.85 V

Current
Sensitivity: 0.1044 A
Peak: 0.2088 A
Start Phase: -14.1°
Peak Phase: 68.9°
End Phase: 163.1°



Voltage Spectrum
THD(IEC): 0.68%
H3: 0.61%
H5: 0.10%
H7: 0.06%
H9: 0.05%



Current Spectrum
THD(IEC): 6.8%
H3: 5.69%
H5: 2.17%
H7: 1.40%
H9: 1.94%

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

Voltage: 233.07(V)

VCF: 1.424

Vthd(IEC): 0.68%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.03%	0.08
1	100.00%	233.16
2	0.21%	0.49
3	0.61%	1.42
4	0.09%	0.22
5	0.10%	0.23
6	0.02%	0.05
7	0.06%	0.15
8	0.00%	0.01
9	0.05%	0.11
10	0.01%	0.02
11	0.07%	0.16
12	0.01%	0.02
13	0.03%	0.08
14	0.01%	0.02
15	0.07%	0.17
16	0.00%	0.01
17	0.03%	0.07
18	0.00%	0.01
19	0.03%	0.07
20	0.00%	0.01
21	0.05%	0.12
22	0.01%	0.01
23	0.04%	0.10
24	0.01%	0.02
25	0.06%	0.13
26	0.01%	0.01
27	0.01%	0.02
28	0.01%	0.01
29	0.02%	0.04
30	0.00%	0.01
31	0.01%	0.03
32	0.00%	0.00
33	0.02%	0.05
34	0.00%	0.00
35	0.01%	0.02
36	0.00%	0.00
37	0.01%	0.02
38	0.00%	0.00
39	0.00%	0.01

Current: 0.1411(A)

ACF: 1.480

Athd(IEC): 6.76%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.37%	0.02
1	100.00%	4.42
2	0.21%	0.01
3	5.69%	0.25
4	0.13%	0.01
5	2.17%	0.10
6	0.03%	0.00
7	1.40%	0.06
8	0.04%	0.00
9	1.94%	0.09
10	0.03%	0.00
11	1.20%	0.05
12	0.04%	0.00
13	0.22%	0.01
14	0.02%	0.00
15	0.17%	0.01
16	0.02%	0.00
17	0.20%	0.01
18	0.02%	0.00
19	0.53%	0.02
20	0.02%	0.00
21	0.35%	0.02
22	0.02%	0.00
23	0.54%	0.02
24	0.01%	0.00
25	0.20%	0.01
26	0.03%	0.00
27	0.01%	0.00
28	0.03%	0.00
29	0.02%	0.00
30	0.02%	0.00
31	0.24%	0.01
32	0.02%	0.00
33	0.13%	0.01
34	0.02%	0.00
35	0.21%	0.01
36	0.02%	0.00
37	0.06%	0.00
38	0.02%	0.00
39	0.10%	0.00

Type:LED 0123.W.A931.6.60056.800mA

Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

Inspector:

Test Time:2016-10-26

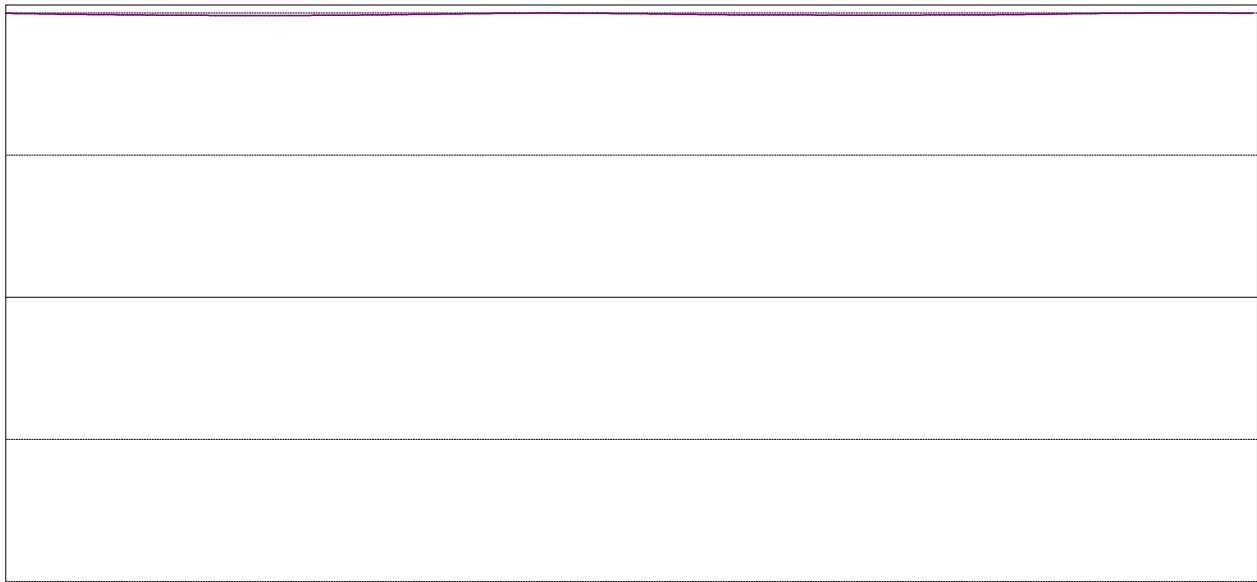
Output

Lamp Voltage(rms):35.40V Lamp Current(rms):0.8008A
Power:28.35W Ripple Current:0.000A Energy Efficiency:0.891

Lamp Voltage Wave



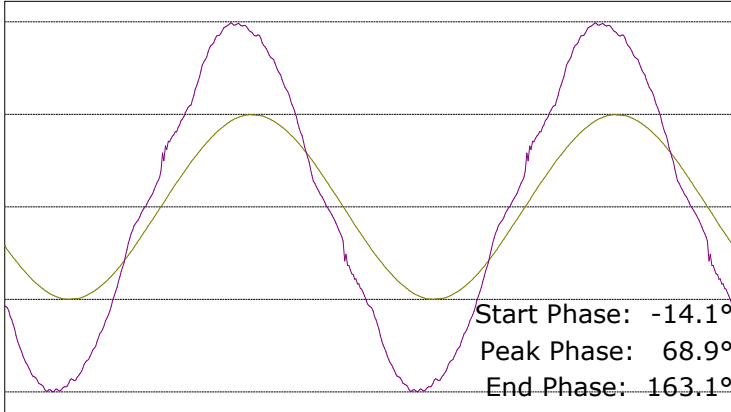
Lamp Current Wave



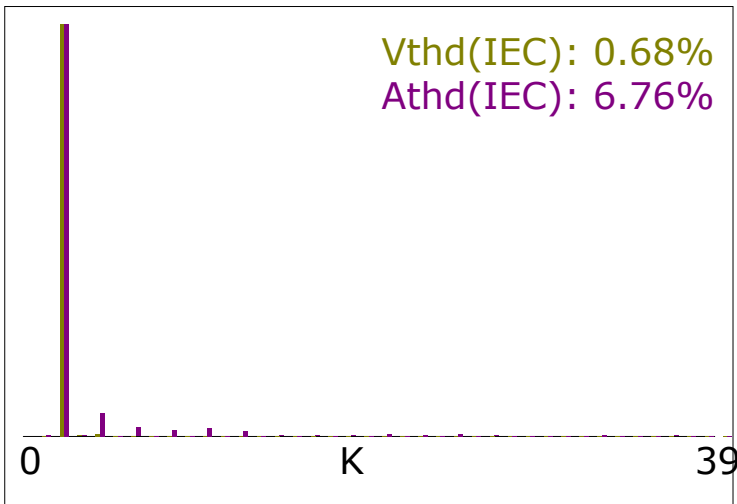
Type:LED 0123.W.A931.6.60056.800mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-10-26

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



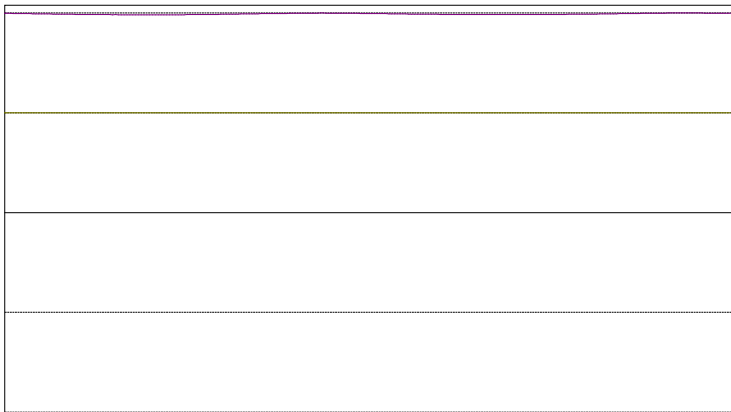
Voltage: 233.071(V)
VCF: 1.424
Vthd(IEC): 0.68%
Current: 0.141(A)
ACF: 1.480
Athd(IEC): 6.76%
Power: 31.8(W)
Power Factor: 0.9673
Frequency: 50.00(Hz)



Voltage Spectrum
H3: 0.61%
H5: 0.10%
H7: 0.06%
H9: 0.05%

Current Spectrum
H3: 5.69%
H5: 2.17%
H7: 1.40%
H9: 1.94%

Output characteristics



Lamp Voltage(rms):35.40V
Lamp Current(rms):0.8008A
Power:28.35W
Ripple Current:0.000A
Energy Efficiency:0.891