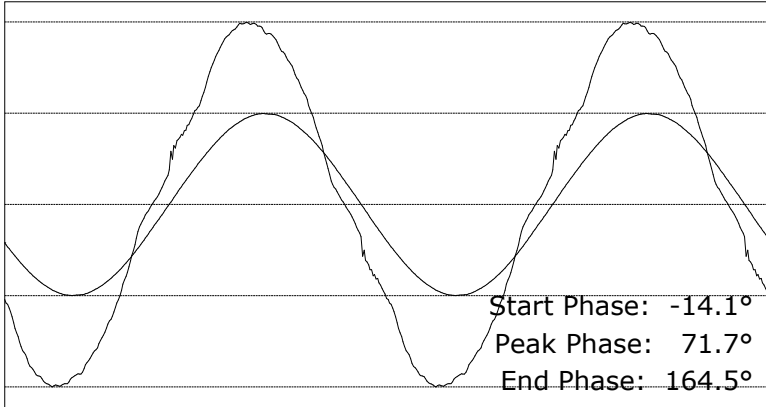
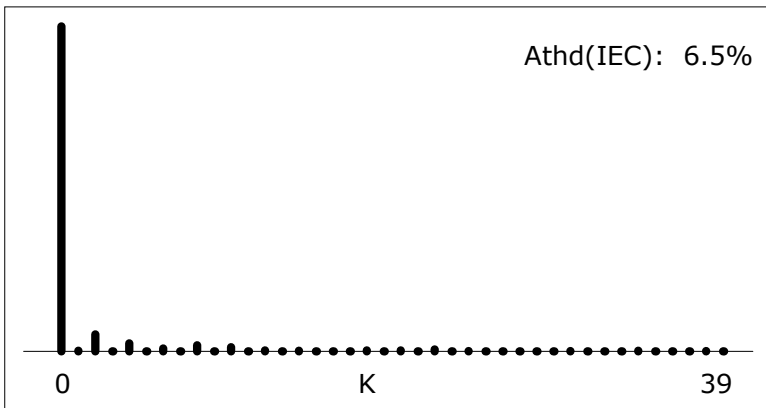
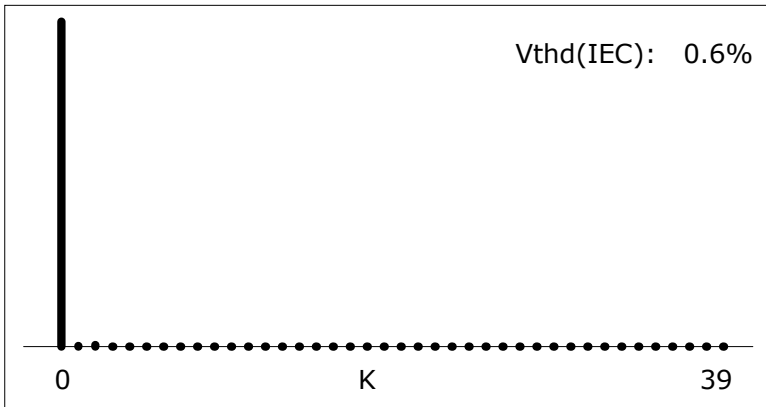


Input Characteristics Test Report [Narrow Band]

Voltage 232.49(V) Current 0.1425(A) Power 32.09(W) Power Factor 0.9686 Frequency 50.00(Hz)



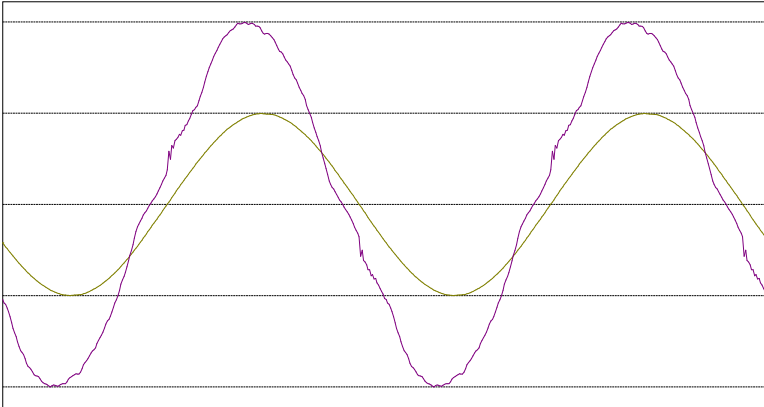
Spectrum(k)	Voltage	Current
0	0.0%	0.1%
1	100.0%	100.0%
2	0.2%	0.2%
3	0.5%	5.3%
4	0.1%	0.1%
5	0.1%	2.5%
6	0.0%	0.0%
7	0.0%	0.9%
8	0.0%	0.0%
9	0.0%	1.9%
10	0.0%	0.0%
11	0.1%	1.4%
12	0.0%	0.0%
13	0.0%	0.4%
14	0.0%	0.0%
15	0.1%	0.2%
16	0.0%	0.0%
17	0.0%	0.1%
18	0.0%	0.0%
19	0.0%	0.4%
20	0.0%	0.0%
21	0.1%	0.3%
22	0.0%	0.0%
23	0.0%	0.6%
24	0.0%	0.0%
25	0.1%	0.1%
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.U941.6.60077.800mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-17

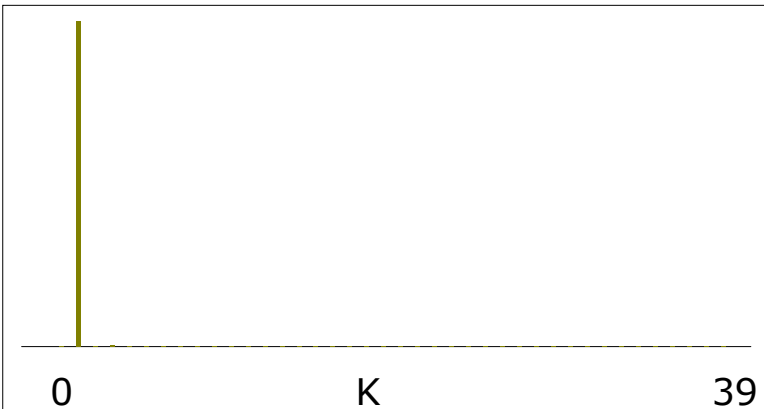
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
232.49(V)	0.1425(A)	32.09(W)	0.9686	50.00(Hz)

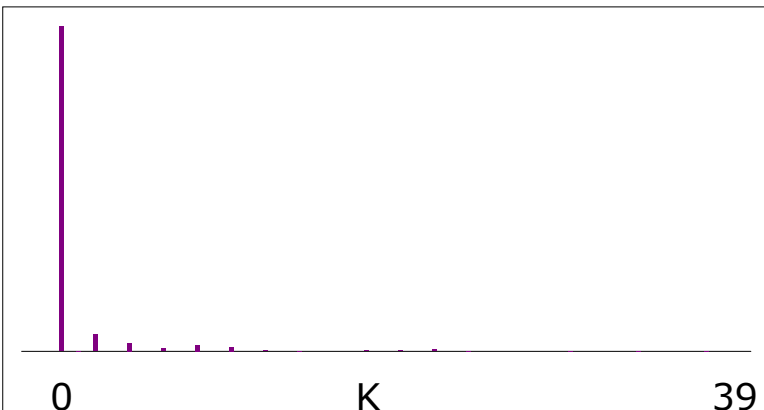


Voltage
Sensitivity: 330.83 V/Div
Peak: 330.83 V

Current
Sensitivity: 0.1049 A
Peak: 0.2097 A
Start Phase: -14.1°
Peak Phase: 71.7°
End Phase: 164.5°



Voltage Spectrum
THD(IEC): 0.61%
H3: 0.53%
H5: 0.07%
H7: 0.03%
H9: 0.05%



Current Spectrum
THD(IEC): 6.5%
H3: 5.29%
H5: 2.53%
H7: 0.93%
H9: 1.89%

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

Voltage: 232.49(V)
 VCF: 1.423
 Vthd(IEC): 0.61%

Current: 0.1425(A)
 ACF: 1.472
 Athd(IEC): 6.48%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.03%	0.07
1	100.00%	232.48
2	0.21%	0.49
3	0.53%	1.23
4	0.09%	0.22
5	0.07%	0.16
6	0.02%	0.05
7	0.03%	0.08
8	0.00%	0.01
9	0.05%	0.12
10	0.01%	0.02
11	0.06%	0.14
12	0.01%	0.02
13	0.03%	0.08
14	0.01%	0.02
15	0.08%	0.19
16	0.00%	0.01
17	0.02%	0.06
18	0.01%	0.01
19	0.02%	0.06
20	0.00%	0.01
21	0.05%	0.12
22	0.01%	0.01
23	0.05%	0.11
24	0.00%	0.01
25	0.06%	0.14
26	0.01%	0.01
27	0.01%	0.03
28	0.01%	0.01
29	0.01%	0.03
30	0.01%	0.01
31	0.01%	0.03
32	0.00%	0.01
33	0.02%	0.04
34	0.00%	0.01
35	0.01%	0.02
36	0.00%	0.00
37	0.01%	0.02
38	0.00%	0.00
39	0.01%	0.01

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.13%	0.01
1	100.00%	4.43
2	0.21%	0.01
3	5.29%	0.23
4	0.09%	0.00
5	2.53%	0.11
6	0.01%	0.00
7	0.93%	0.04
8	0.03%	0.00
9	1.89%	0.08
10	0.03%	0.00
11	1.38%	0.06
12	0.03%	0.00
13	0.39%	0.02
14	0.03%	0.00
15	0.23%	0.01
16	0.02%	0.00
17	0.07%	0.00
18	0.02%	0.00
19	0.37%	0.02
20	0.02%	0.00
21	0.33%	0.01
22	0.01%	0.00
23	0.60%	0.03
24	0.01%	0.00
25	0.15%	0.01
26	0.02%	0.00
27	0.02%	0.00
28	0.04%	0.00
29	0.04%	0.00
30	0.02%	0.00
31	0.17%	0.01
32	0.01%	0.00
33	0.08%	0.00
34	0.01%	0.00
35	0.21%	0.01
36	0.01%	0.00
37	0.10%	0.00
38	0.01%	0.00
39	0.11%	0.00

Type:LED 0123.W.U941.6.60077.800mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-17

Output

Lamp Voltage(rms):36.22V

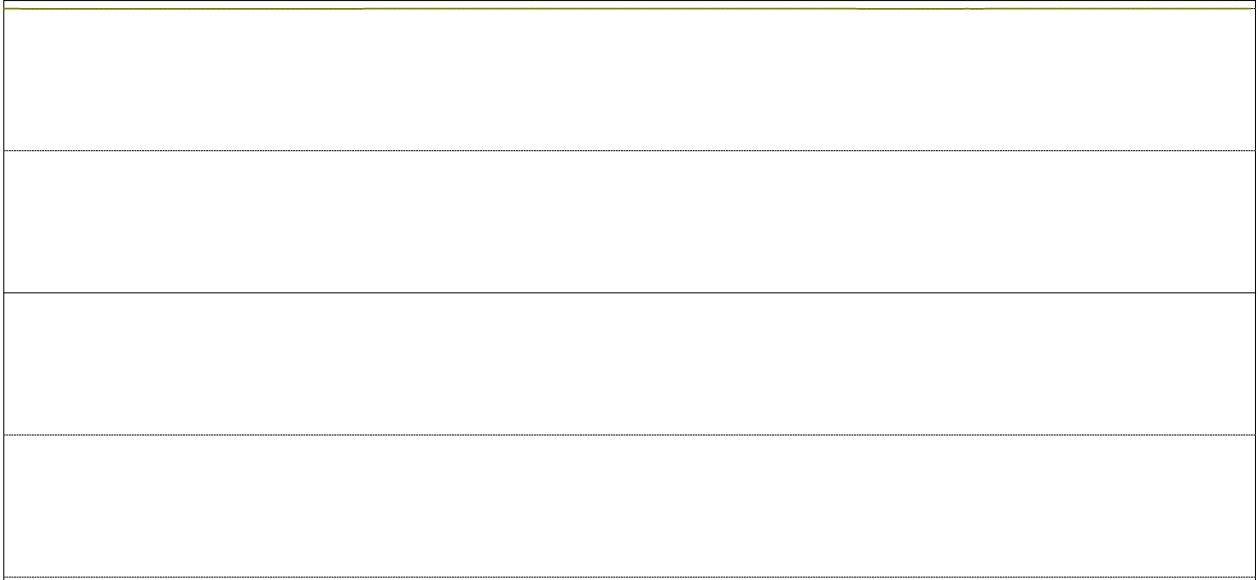
Lamp Current(rms):0.7920A

Power:28.69W

Ripple Current:0.000A

Energy Efficiency:0.894

Lamp Voltage Wave



Lamp Current Wave



Type:LED 0123.W.U941.6.60077.800mA Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

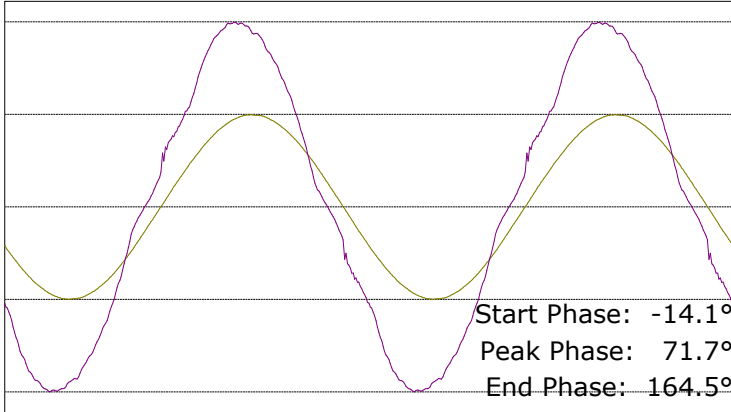
Operator:

Inspector:

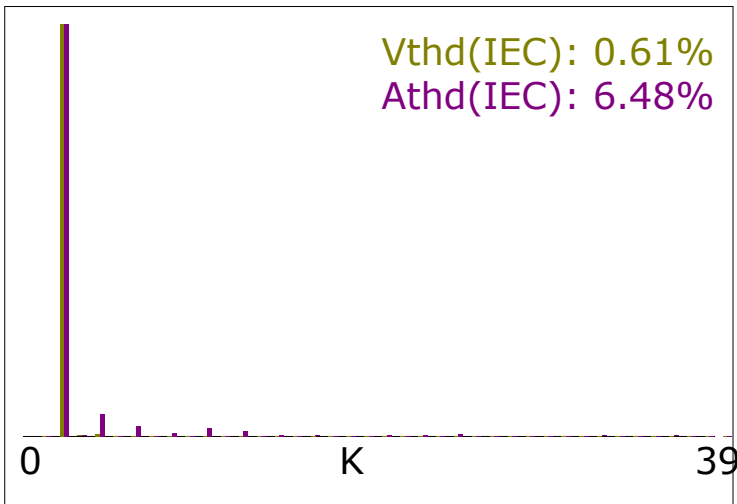
Test Time:2016-11-17

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



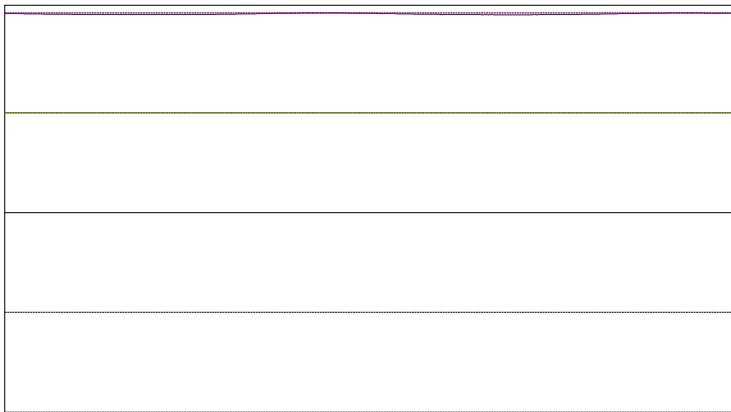
Voltage: 232.491(V)
VCF: 1.423
Vthd(IEC): 0.61%
Current: 0.143(A)
ACF: 1.472
Athd(IEC): 6.48%
Power: 32.1(W)
Power Factor: 0.9686
Frequency: 50.00(Hz)



Voltage Spectrum
H3: 0.53%
H5: 0.07%
H7: 0.03%
H9: 0.05%

Current Spectrum
H3: 5.29%
H5: 2.53%
H7: 0.93%
H9: 1.89%

Output characteristics



Lamp Voltage(rms):36.22V
Lamp Current(rms):0.7920A
Power:28.69W
Ripple Current:0.000A
Energy Efficiency:0.894