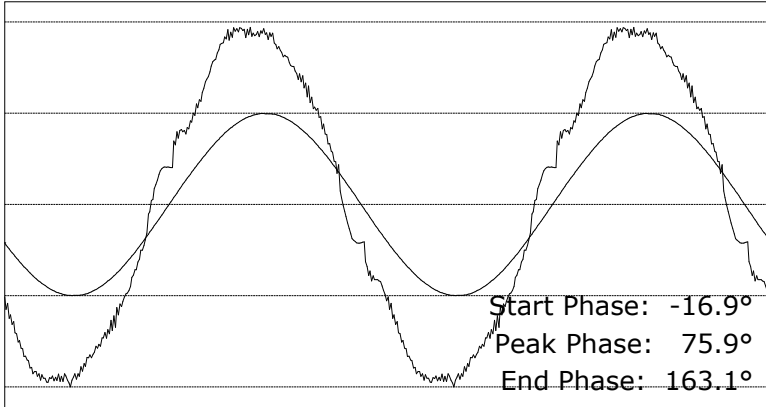
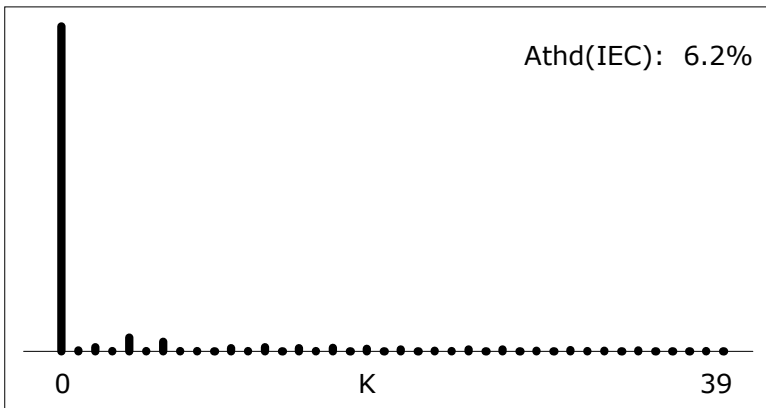
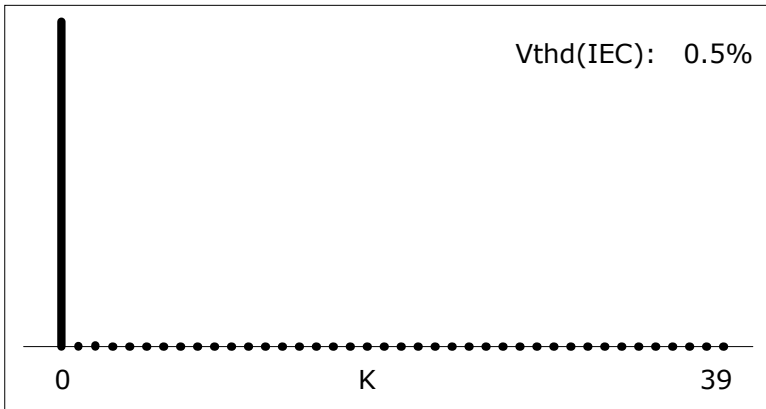


Input Characteristics Test Report [Narrow Band]

Voltage 229.36(V) Current 0.0742(A) Power 16.59(W) Power Factor 0.9742 Frequency 50.00(Hz)



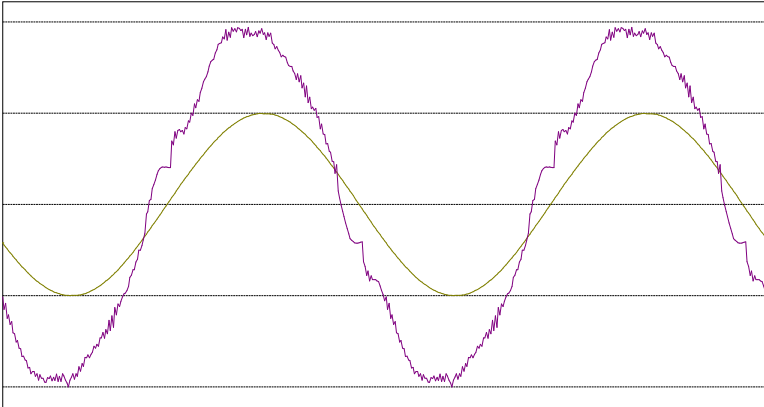
Spectrum(k)	Voltage	Current
0	0.0%	0.3%
1	100.0%	100.0%
2	0.2%	0.4%
3	0.5%	1.3%
4	0.1%	0.2%
5	0.0%	4.3%
6	0.0%	0.2%
7	0.1%	3.0%
8	0.0%	0.2%
9	0.0%	0.2%
10	0.0%	0.1%
11	0.1%	1.1%
12	0.0%	0.2%
13	0.0%	1.3%
14	0.0%	0.0%
15	0.1%	1.1%
16	0.0%	0.1%
17	0.0%	1.1%
18	0.0%	0.0%
19	0.0%	0.9%
20	0.0%	0.1%
21	0.0%	0.6%
22	0.0%	0.0%
23	0.0%	0.2%
24	0.0%	0.1%
25	0.1%	0.6%
26	0.0%	0.1%
27	0.0%	0.6%
28	0.0%	0.0%
29	0.0%	0.3%
30	0.0%	0.0%
31	0.0%	0.5%
32	0.0%	0.1%
33	0.0%	0.2%
34	0.0%	0.0%
35	0.0%	0.4%
36	0.0%	0.0%
37	0.0%	0.1%
38	0.0%	0.0%
39	0.0%	0.1%



Type:LED 0112.W.H341.6.60020.400mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-10-17

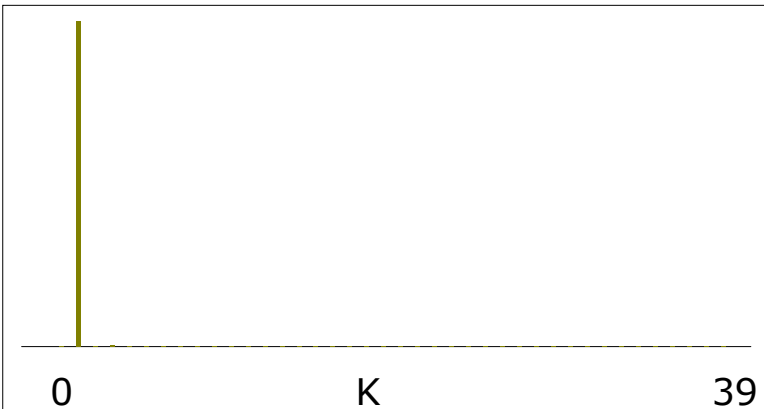
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
229.36(V)	0.0742(A)	16.59(W)	0.9742	50.00(Hz)

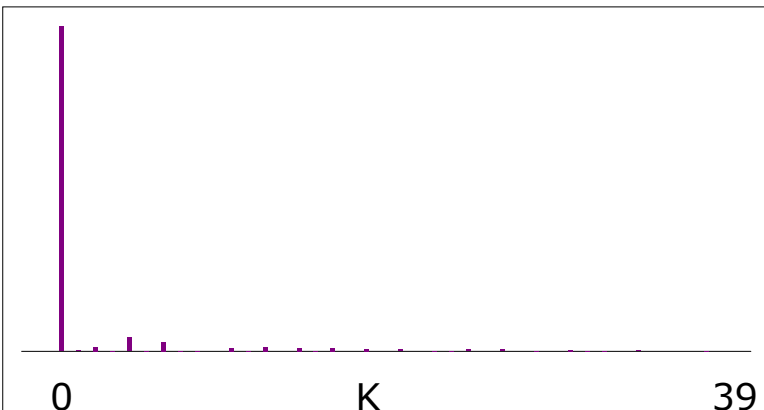


Voltage
Sensitivity: 325.49 V/Div
Peak: 325.49 V

Current
Sensitivity: 0.0541 A
Peak: 0.1082 A
Start Phase: -16.9°
Peak Phase: 75.9°
End Phase: 163.1°



Voltage Spectrum
THD(IEC): 0.54%
H3: 0.46%
H5: 0.02%
H7: 0.07%
H9: 0.01%



Current Spectrum
THD(IEC): 6.2%
H3: 1.29%
H5: 4.28%
H7: 3.02%
H9: 0.17%

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

Voltage: 229.36(V)
 VCF: 1.419
 Vthd(IEC): 0.54%

Current: 0.0742(A)
 ACF: 1.458
 Athd(IEC): 6.21%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.03%	0.06
1	100.00%	229.37
2	0.21%	0.47
3	0.46%	1.06
4	0.08%	0.19
5	0.02%	0.04
6	0.01%	0.03
7	0.07%	0.15
8	0.01%	0.02
9	0.01%	0.02
10	0.01%	0.02
11	0.05%	0.12
12	0.01%	0.02
13	0.03%	0.07
14	0.01%	0.02
15	0.06%	0.13
16	0.01%	0.01
17	0.01%	0.02
18	0.00%	0.00
19	0.01%	0.03
20	0.00%	0.01
21	0.04%	0.10
22	0.00%	0.00
23	0.04%	0.09
24	0.01%	0.01
25	0.06%	0.14
26	0.01%	0.01
27	0.04%	0.08
28	0.01%	0.02
29	0.02%	0.06
30	0.00%	0.01
31	0.02%	0.04
32	0.01%	0.01
33	0.01%	0.03
34	0.00%	0.00
35	0.00%	0.01
36	0.00%	0.01
37	0.01%	0.01
38	0.00%	0.00
39	0.01%	0.02

Current Spectrum

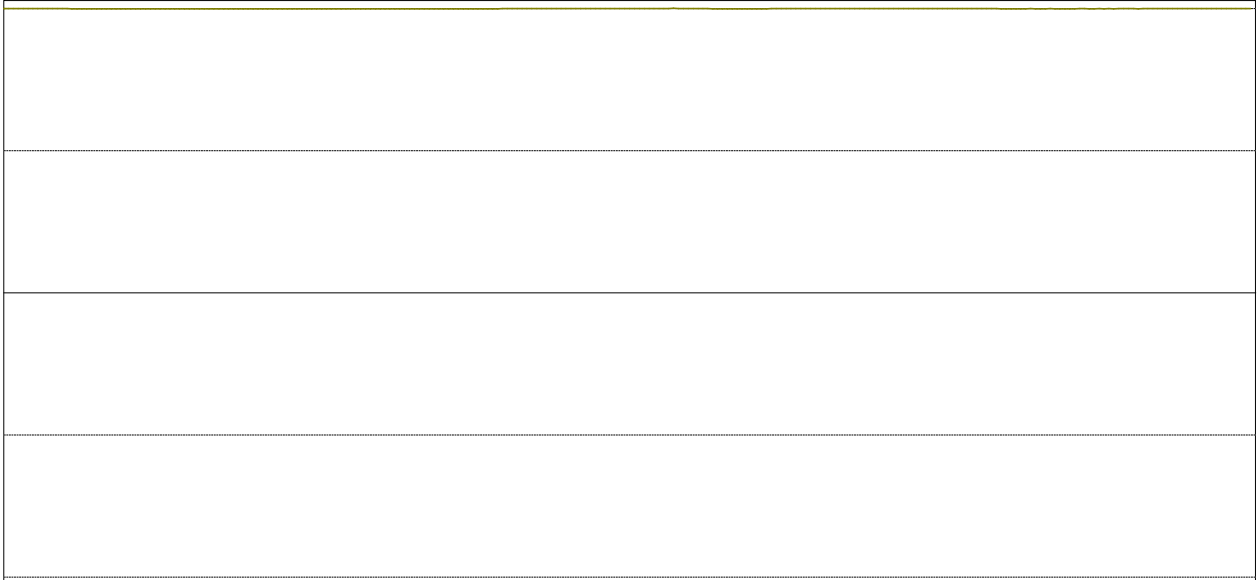
Spectrum(k)	Rel.	Abs.(mA/W)
0	0.29%	0.01
1	100.00%	4.47
2	0.37%	0.02
3	1.29%	0.06
4	0.19%	0.01
5	4.28%	0.19
6	0.18%	0.01
7	3.02%	0.13
8	0.18%	0.01
9	0.17%	0.01
10	0.07%	0.00
11	1.08%	0.05
12	0.15%	0.01
13	1.33%	0.06
14	0.01%	0.00
15	1.08%	0.05
16	0.14%	0.01
17	1.09%	0.05
18	0.04%	0.00
19	0.85%	0.04
20	0.06%	0.00
21	0.64%	0.03
22	0.02%	0.00
23	0.24%	0.01
24	0.13%	0.01
25	0.63%	0.03
26	0.06%	0.00
27	0.64%	0.03
28	0.04%	0.00
29	0.28%	0.01
30	0.04%	0.00
31	0.47%	0.02
32	0.11%	0.00
33	0.20%	0.01
34	0.03%	0.00
35	0.36%	0.02
36	0.02%	0.00
37	0.06%	0.00
38	0.05%	0.00
39	0.13%	0.01

Type:LED 0112.W.H341.6.60020.400mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-10-17

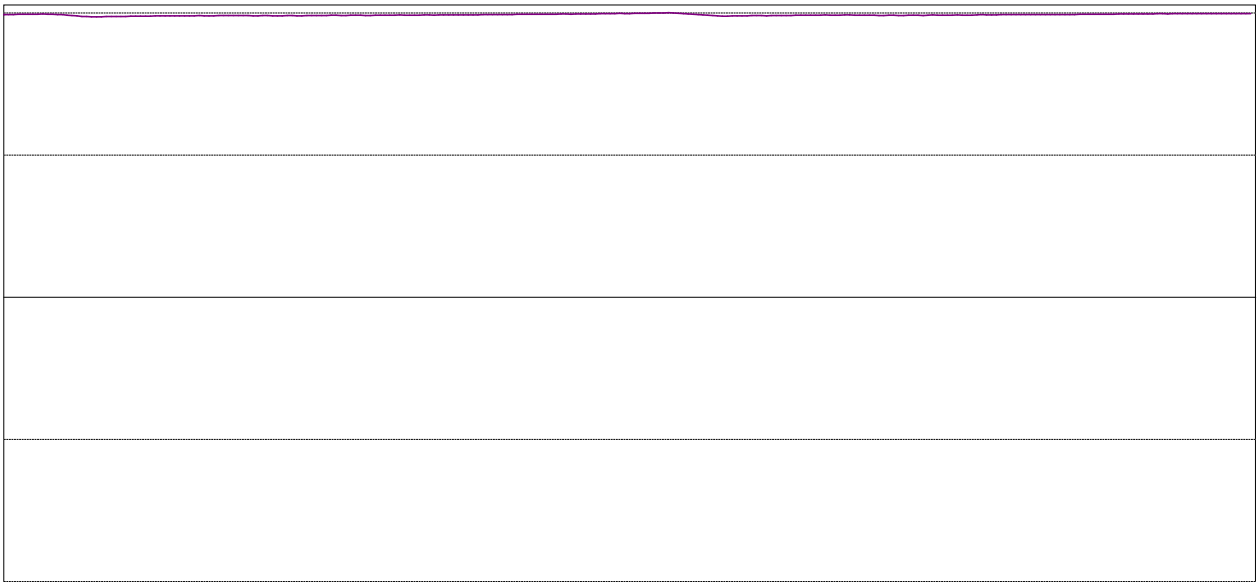
Output

Lamp Voltage(rms):35.47V Lamp Current(rms):0.4054A
Power:14.38W Ripple Current:0.000A Energy Efficiency:0.867

Lamp Voltage Wave



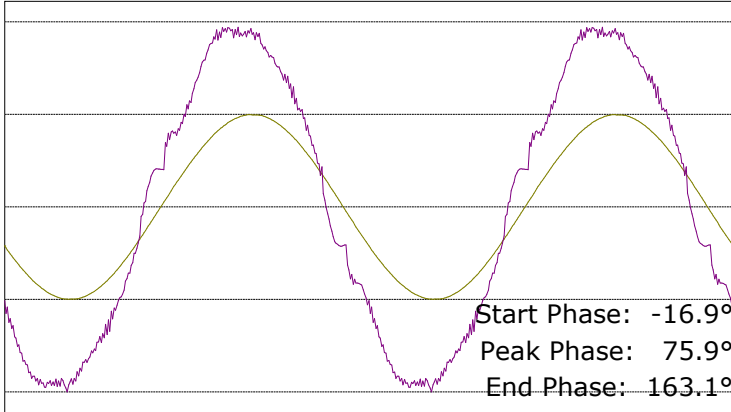
Lamp Current Wave



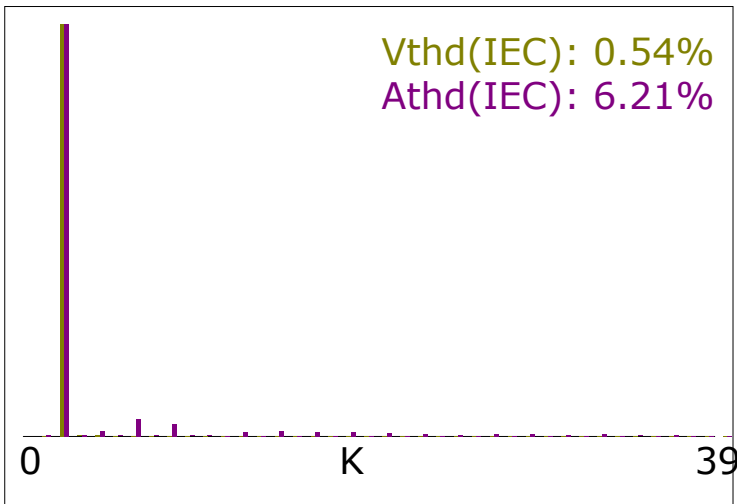
Type:LED 0112.W.H341.6.60020.400mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-10-17

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



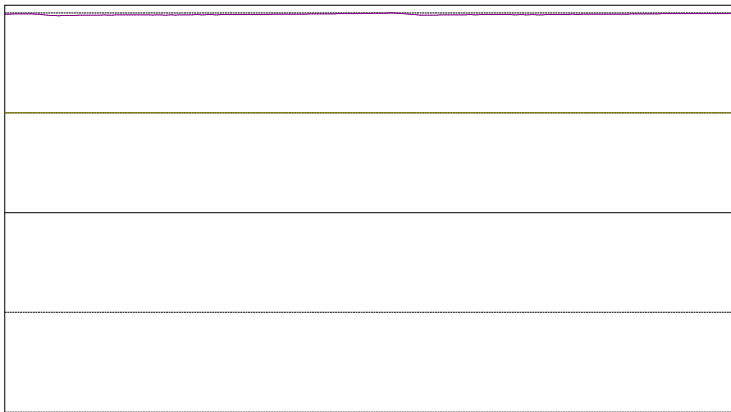
Voltage: 229.355(V)
VCF: 1.419
Vthd(IEC): 0.54%
Current: 0.074(A)
ACF: 1.458
Athd(IEC): 6.21%
Power: 16.6(W)
Power Factor: 0.9742
Frequency: 50.00(Hz)



Voltage Spectrum
H3: 0.46%
H5: 0.02%
H7: 0.07%
H9: 0.01%

Current Spectrum
H3: 1.29%
H5: 4.28%
H7: 3.02%
H9: 0.17%

Output characteristics



Lamp Voltage(rms):35.47V
Lamp Current(rms):0.4054A
Power:14.38W
Ripple Current:0.000A
Energy Efficiency:0.867