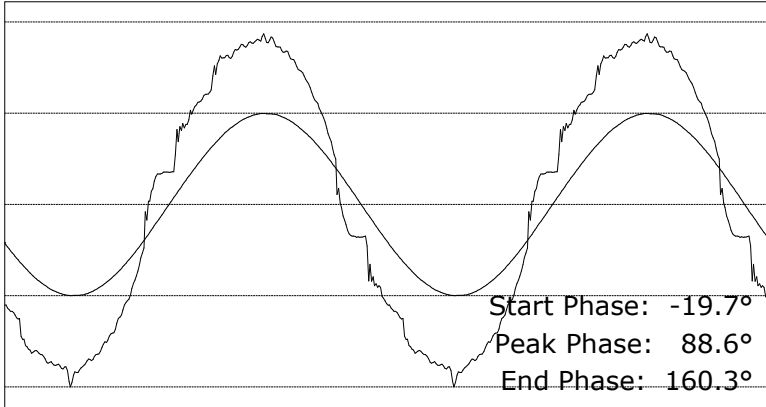
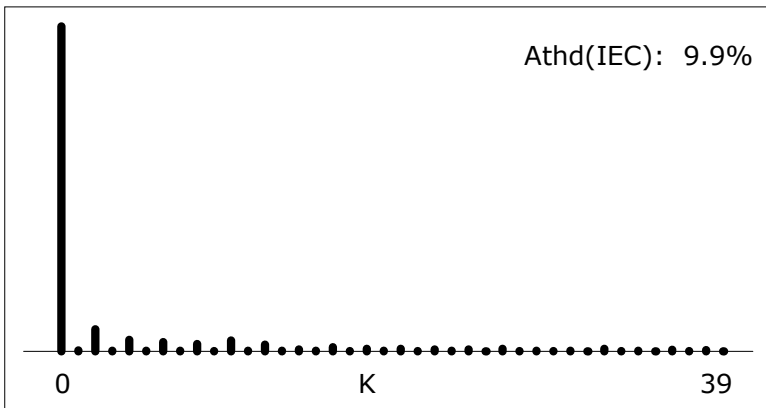
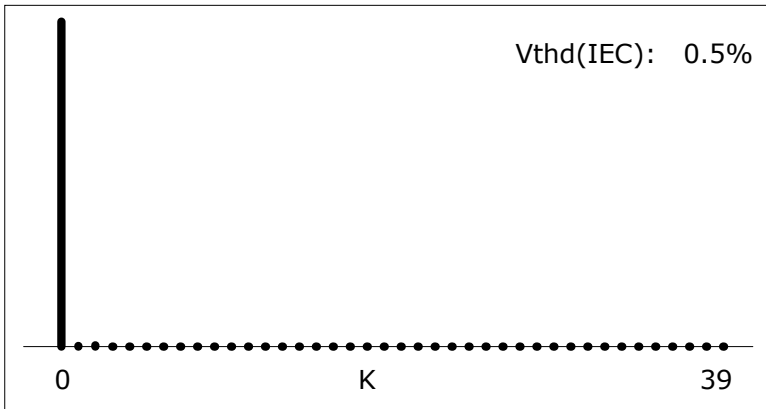


Input Characteristics Test Report [Narrow Band]

Voltage 229.44(V) Current 0.0568(A) Power 12.74(W) Power Factor 0.9774 Frequency 50.00(Hz)



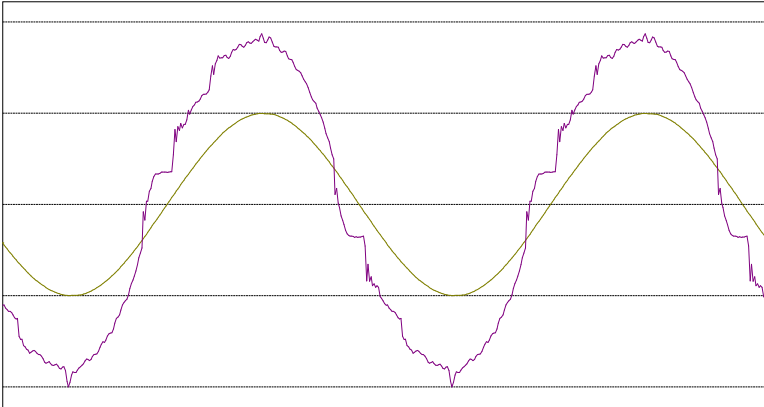
Spectrum(k)	Voltage	Current
0	0.0%	0.2%
1	100.0%	100.0%
2	0.2%	0.4%
3	0.5%	6.9%
4	0.1%	0.3%
5	0.0%	3.6%
6	0.0%	0.2%
7	0.0%	2.9%
8	0.0%	0.2%
9	0.0%	2.3%
10	0.0%	0.2%
11	0.0%	3.4%
12	0.0%	0.2%
13	0.0%	2.1%
14	0.0%	0.2%
15	0.1%	0.7%
16	0.0%	0.3%
17	0.0%	1.3%
18	0.0%	0.1%
19	0.0%	0.8%
20	0.0%	0.2%
21	0.0%	0.8%
22	0.0%	0.1%
23	0.1%	0.7%
24	0.0%	0.2%
25	0.1%	0.7%
26	0.0%	0.1%
27	0.0%	0.8%
28	0.0%	0.1%
29	0.0%	0.2%
30	0.0%	0.1%
31	0.0%	0.3%
32	0.0%	0.0%
33	0.0%	0.8%
34	0.0%	0.1%
35	0.0%	0.3%
36	0.0%	0.0%
37	0.0%	0.5%
38	0.0%	0.1%
39	0.0%	0.5%



Type:LED 0402.W.H321.6.60033.300mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-10-17

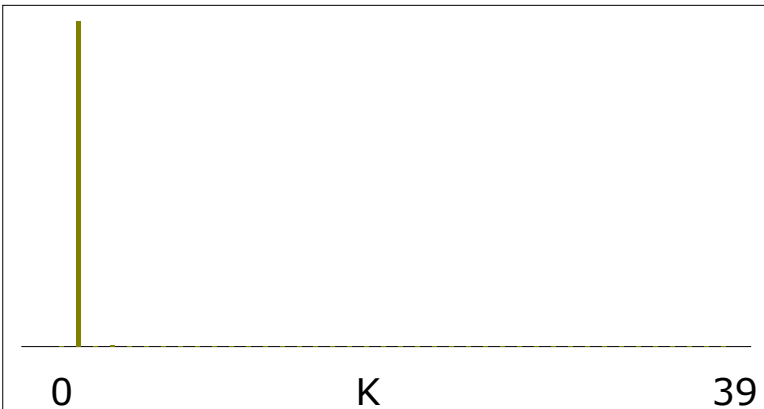
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
229.44(V)	0.0568(A)	12.74(W)	0.9774	50.00(Hz)

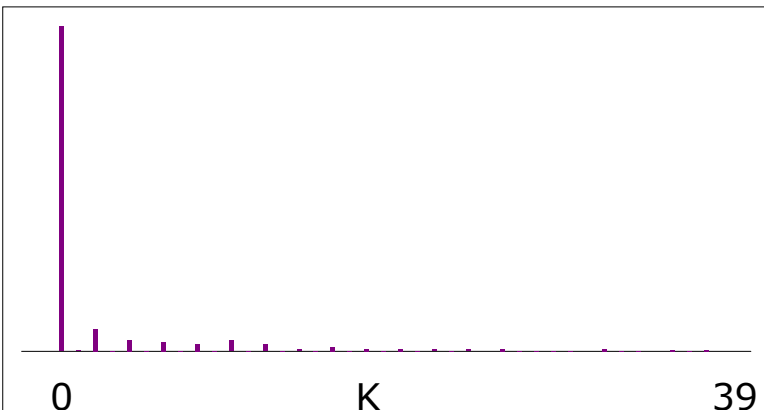


Voltage
Sensitivity: 325.50 V/Div
Peak: 325.50 V

Current
Sensitivity: 0.0428 A
Peak: 0.0856 A
Start Phase: -19.7°
Peak Phase: 88.6°
End Phase: 160.3°



Voltage Spectrum
THD(IEC): 0.53%
H3: 0.46%
H5: 0.02%
H7: 0.05%
H9: 0.02%



Current Spectrum
THD(IEC): 9.9%
H3: 6.89%
H5: 3.56%
H7: 2.87%
H9: 2.31%

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

Voltage: 229.44(V)
 VCF: 1.419
 Vthd(IEC): 0.53%

Current: 0.0568(A)
 ACF: 1.507
 Athd(IEC): 9.94%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.02%	0.05
1	100.00%	229.43
2	0.20%	0.47
3	0.46%	1.05
4	0.08%	0.19
5	0.02%	0.04
6	0.01%	0.03
7	0.05%	0.11
8	0.01%	0.02
9	0.02%	0.04
10	0.01%	0.02
11	0.03%	0.06
12	0.01%	0.02
13	0.03%	0.06
14	0.01%	0.03
15	0.07%	0.15
16	0.01%	0.02
17	0.02%	0.06
18	0.01%	0.01
19	0.00%	0.01
20	0.01%	0.01
21	0.03%	0.08
22	0.00%	0.01
23	0.06%	0.13
24	0.01%	0.02
25	0.05%	0.12
26	0.00%	0.01
27	0.04%	0.09
28	0.01%	0.02
29	0.02%	0.06
30	0.00%	0.01
31	0.02%	0.05
32	0.00%	0.01
33	0.01%	0.02
34	0.00%	0.01
35	0.02%	0.05
36	0.00%	0.00
37	0.00%	0.01
38	0.00%	0.01
39	0.01%	0.03

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.18%	0.01
1	100.00%	4.44
2	0.38%	0.02
3	6.89%	0.31
4	0.27%	0.01
5	3.56%	0.16
6	0.23%	0.01
7	2.87%	0.13
8	0.24%	0.01
9	2.31%	0.10
10	0.17%	0.01
11	3.39%	0.15
12	0.22%	0.01
13	2.08%	0.09
14	0.20%	0.01
15	0.65%	0.03
16	0.28%	0.01
17	1.33%	0.06
18	0.13%	0.01
19	0.84%	0.04
20	0.20%	0.01
21	0.79%	0.04
22	0.14%	0.01
23	0.68%	0.03
24	0.22%	0.01
25	0.67%	0.03
26	0.06%	0.00
27	0.80%	0.04
28	0.14%	0.01
29	0.24%	0.01
30	0.13%	0.01
31	0.28%	0.01
32	0.03%	0.00
33	0.79%	0.04
34	0.11%	0.00
35	0.29%	0.01
36	0.03%	0.00
37	0.53%	0.02
38	0.12%	0.01
39	0.45%	0.02

Type:LED 0402.W.H321.6.60033.300mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-10-17

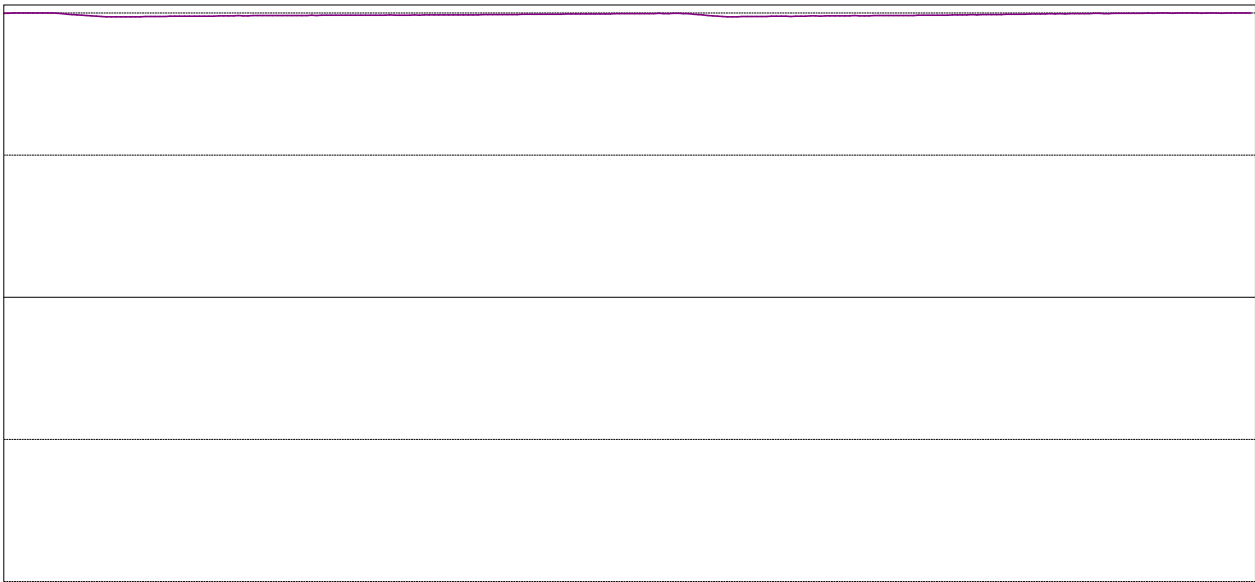
Output

Lamp Voltage(rms):35.90V Lamp Current(rms):0.3018A
Power:10.83W Ripple Current:0.000A Energy Efficiency:0.850

Lamp Voltage Wave



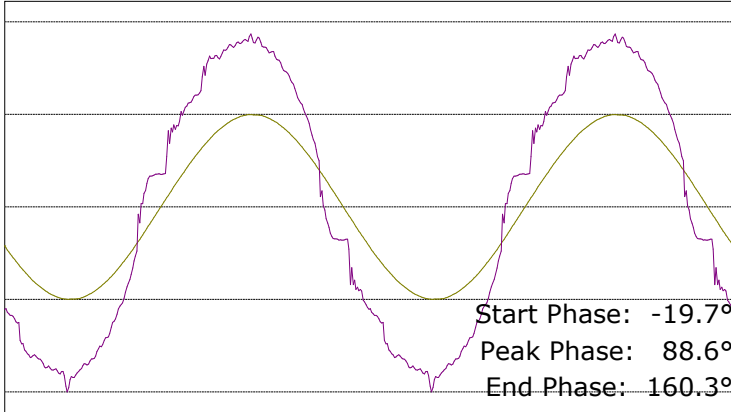
Lamp Current Wave



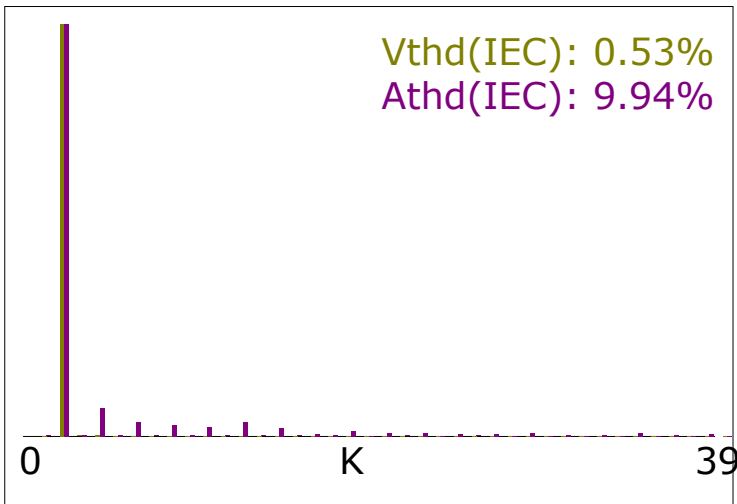
Type:LED 0402.W.H321.6.60033.300mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-10-17

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



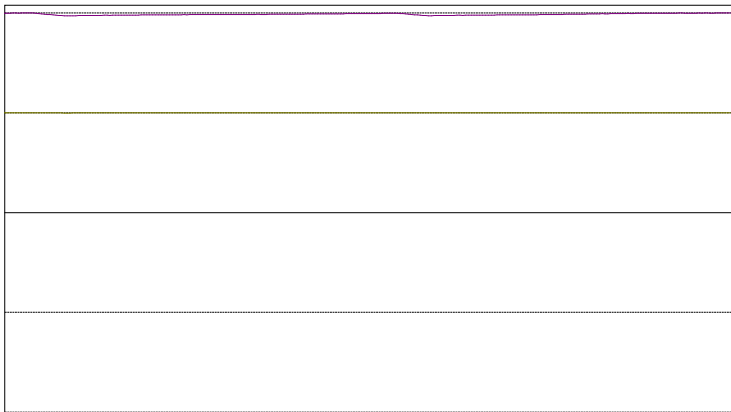
Voltage: 229.443(V)
VCF: 1.419
Vthd(IEC): 0.53%
Current: 0.057(A)
ACF: 1.507
Athd(IEC): 9.94%
Power: 12.7(W)
Power Factor: 0.9774
Frequency: 50.00(Hz)



Voltage Spectrum
H3: 0.46%
H5: 0.02%
H7: 0.05%
H9: 0.02%

Current Spectrum
H3: 6.89%
H5: 3.56%
H7: 2.87%
H9: 2.31%

Output characteristics



Lamp Voltage(rms):35.90V
Lamp Current(rms):0.3018A
Power:10.83W
Ripple Current:0.000A
Energy Efficiency:0.850