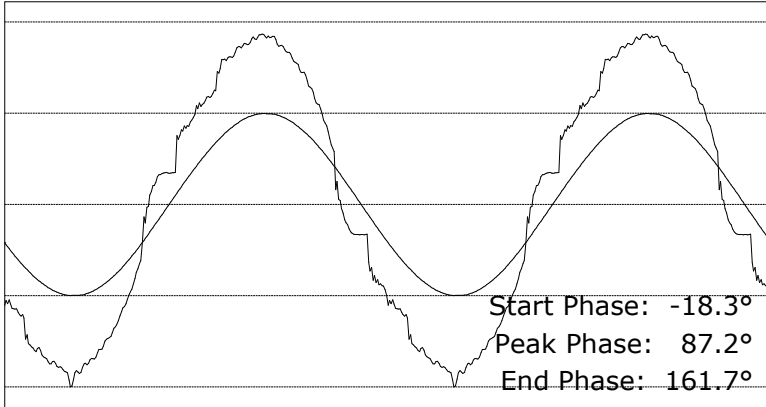
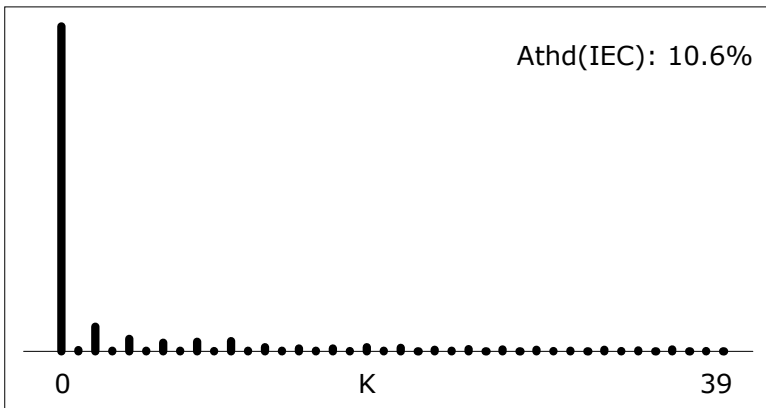
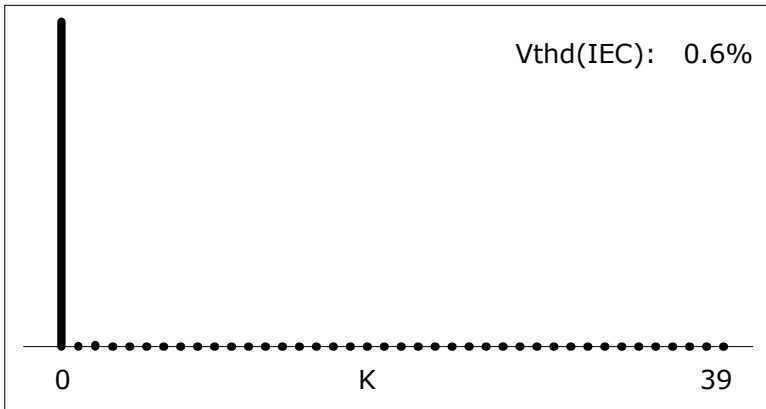


Input Characteristics Test Report [Narrow Band]

Voltage 229.38(V) Current 0.0579(A) Power 13.03(W) Power Factor 0.9800 Frequency 50.00(Hz)



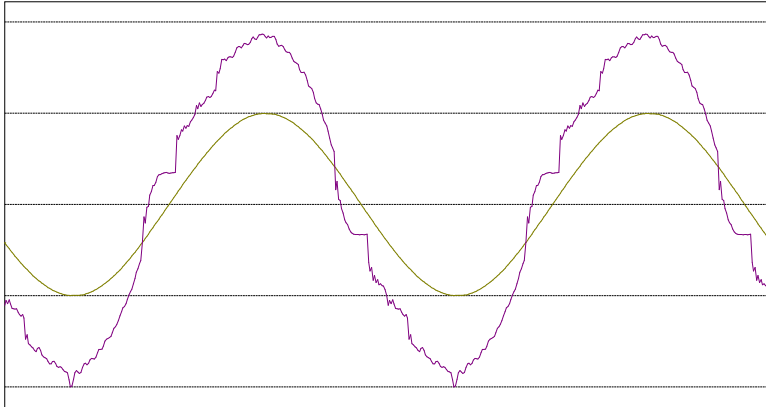
Spectrum(k)	Voltage	Current
0	0.0%	0.7%
1	100.0%	100.0%
2	0.2%	0.5%
3	0.6%	7.7%
4	0.1%	0.2%
5	0.0%	3.9%
6	0.0%	0.2%
7	0.0%	2.7%
8	0.0%	0.3%
9	0.0%	3.0%
10	0.0%	0.2%
11	0.1%	3.2%
12	0.0%	0.2%
13	0.0%	1.3%
14	0.0%	0.2%
15	0.1%	0.9%
16	0.0%	0.3%
17	0.0%	0.9%
18	0.0%	0.2%
19	0.0%	1.3%
20	0.0%	0.2%
21	0.0%	1.2%
22	0.0%	0.1%
23	0.1%	0.6%
24	0.0%	0.2%
25	0.1%	0.8%
26	0.0%	0.1%
27	0.0%	0.7%
28	0.0%	0.1%
29	0.0%	0.5%
30	0.0%	0.1%
31	0.0%	0.3%
32	0.0%	0.1%
33	0.0%	0.6%
34	0.0%	0.2%
35	0.0%	0.4%
36	0.0%	0.0%
37	0.0%	0.6%
38	0.0%	0.0%
39	0.0%	0.2%



Type:LED 0407.G.A231.6.60011.300mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-10-11

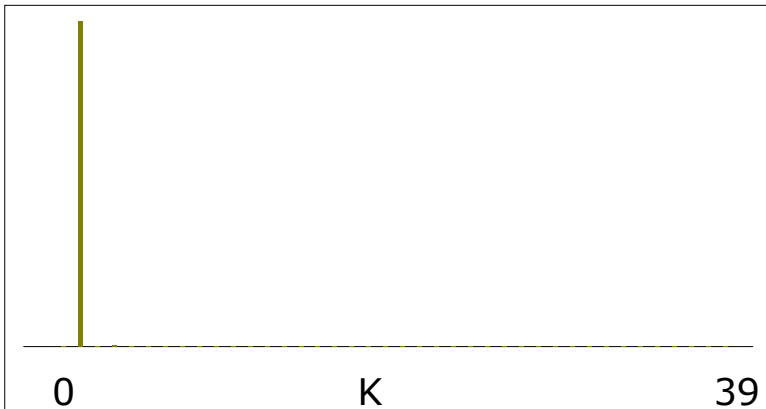
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
229.38(V)	0.0579(A)	13.03(W)	0.9800	50.00(Hz)

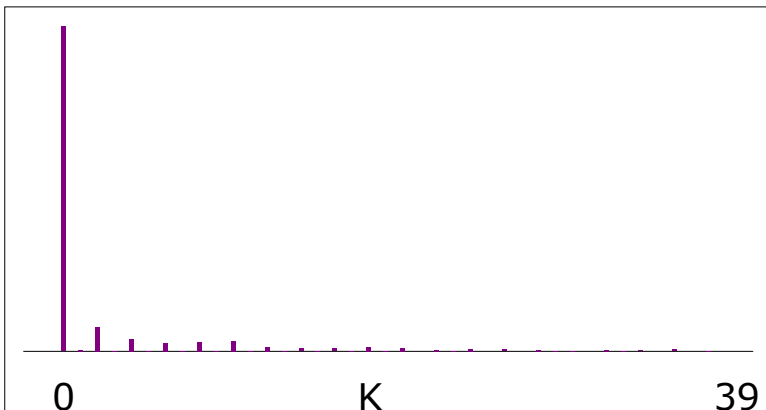


Voltage
Sensitivity: 325.83 V/Div
Peak: 325.83 V

Current
Sensitivity: 0.0441 A
Peak: 0.0882 A
Start Phase: -18.3°
Peak Phase: 87.2°
End Phase: 161.7°



Voltage Spectrum
THD(IEC): 0.62%
H3: 0.55%
H5: 0.04%
H7: 0.04%
H9: 0.03%



Current Spectrum
THD(IEC): 10.6%
H3: 7.66%
H5: 3.89%
H7: 2.67%
H9: 3.03%

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

Voltage: 229.38(V)

VCF: 1.421

Vthd(IEC): 0.62%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.02%	0.05
1	100.00%	229.37
2	0.21%	0.48
3	0.55%	1.27
4	0.08%	0.19
5	0.04%	0.10
6	0.01%	0.03
7	0.04%	0.10
8	0.01%	0.02
9	0.03%	0.06
10	0.01%	0.02
11	0.05%	0.12
12	0.01%	0.02
13	0.02%	0.06
14	0.01%	0.03
15	0.05%	0.12
16	0.01%	0.01
17	0.02%	0.05
18	0.01%	0.02
19	0.02%	0.05
20	0.01%	0.02
21	0.03%	0.07
22	0.01%	0.01
23	0.05%	0.12
24	0.01%	0.01
25	0.06%	0.14
26	0.00%	0.01
27	0.03%	0.08
28	0.01%	0.02
29	0.01%	0.01
30	0.00%	0.00
31	0.02%	0.05
32	0.00%	0.01
33	0.01%	0.02
34	0.00%	0.00
35	0.02%	0.05
36	0.00%	0.00
37	0.01%	0.03
38	0.00%	0.00
39	0.01%	0.03

Current: 0.0579(A)

ACF: 1.522

Athd(IEC): 10.61%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.70%	0.03
1	100.00%	4.42
2	0.47%	0.02
3	7.66%	0.34
4	0.25%	0.01
5	3.89%	0.17
6	0.21%	0.01
7	2.67%	0.12
8	0.28%	0.01
9	3.03%	0.13
10	0.18%	0.01
11	3.20%	0.14
12	0.25%	0.01
13	1.34%	0.06
14	0.22%	0.01
15	0.92%	0.04
16	0.26%	0.01
17	0.91%	0.04
18	0.19%	0.01
19	1.33%	0.06
20	0.23%	0.01
21	1.18%	0.05
22	0.07%	0.00
23	0.57%	0.03
24	0.22%	0.01
25	0.78%	0.03
26	0.08%	0.00
27	0.67%	0.03
28	0.09%	0.00
29	0.50%	0.02
30	0.14%	0.01
31	0.28%	0.01
32	0.05%	0.00
33	0.56%	0.02
34	0.16%	0.01
35	0.38%	0.02
36	0.05%	0.00
37	0.64%	0.03
38	0.05%	0.00
39	0.19%	0.01

Type:LED 0407.G.A231.6.60011.300mA

Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

Inspector:

Test Time:2016-10-11

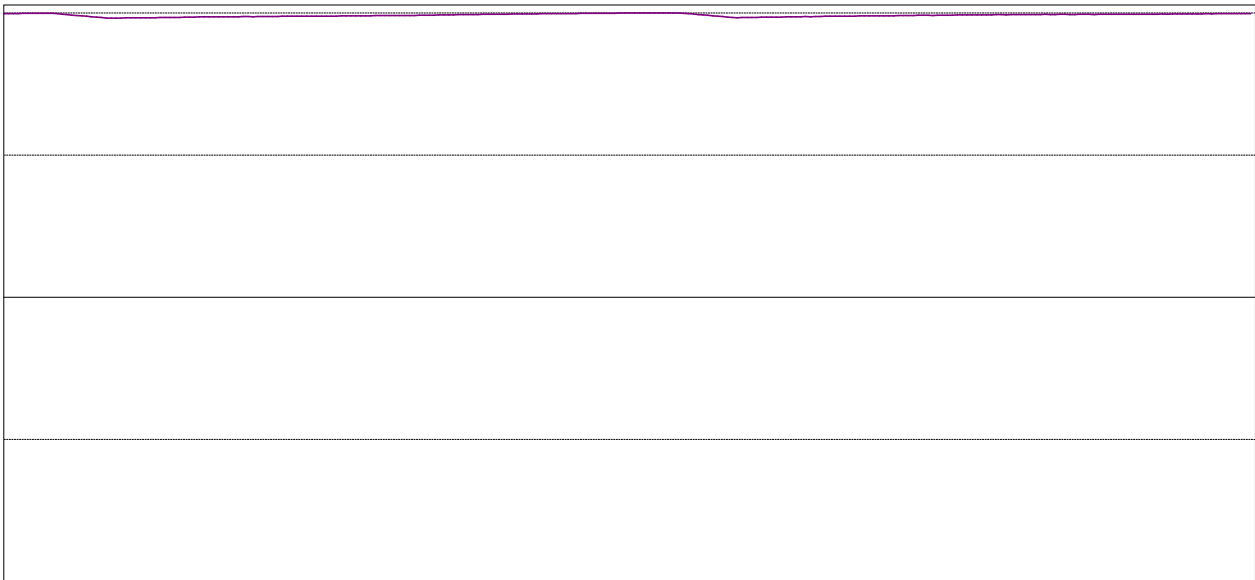
Output

Lamp Voltage(rms):36.71V Lamp Current(rms):0.3013A
Power:11.06W Ripple Current:0.000A Energy Efficiency:0.849

Lamp Voltage Wave



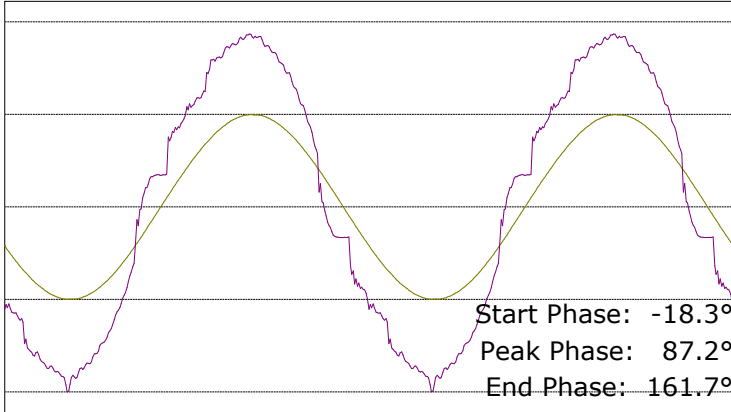
Lamp Current Wave



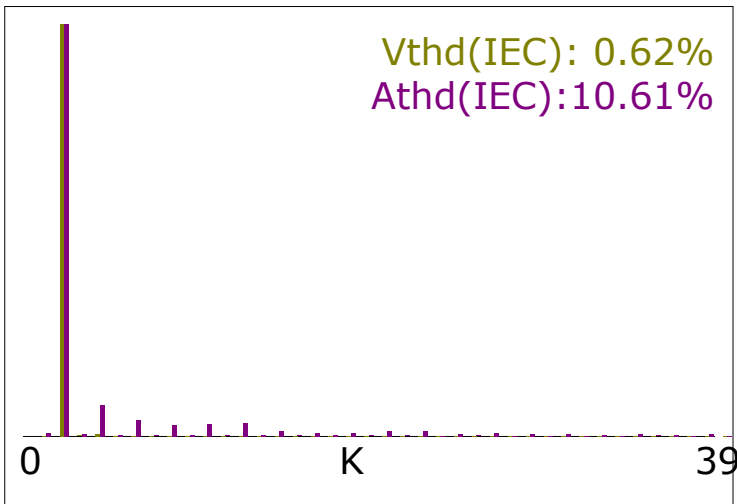
Type:LED 0407.G.A231.6.60011.300mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-10-11

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



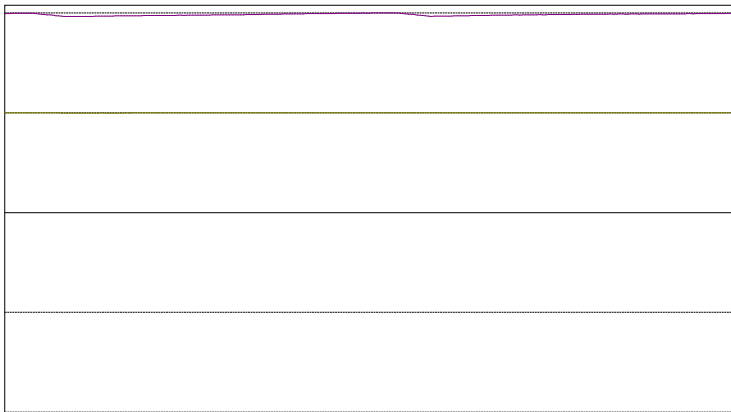
Voltage: 229.375(V)
VCF: 1.421
Vthd(IEC): 0.62%
Current: 0.058(A)
ACF: 1.522
Athd(IEC): 10.61%
Power: 13.0(W)
Power Factor: 0.9800
Frequency: 50.00(Hz)



Voltage Spectrum
H3: 0.55%
H5: 0.04%
H7: 0.04%
H9: 0.03%

Current Spectrum
H3: 7.66%
H5: 3.89%
H7: 2.67%
H9: 3.03%

Output characteristics



Lamp Voltage(rms):36.71V
Lamp Current(rms):0.3013A
Power:11.06W
Ripple Current:0.000A
Energy Efficiency:0.849