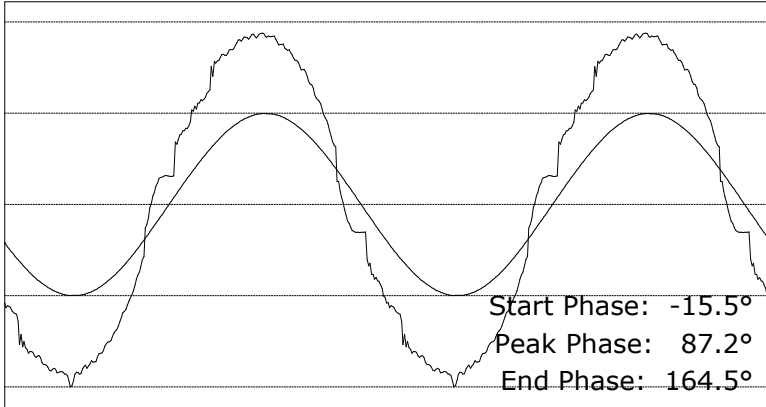
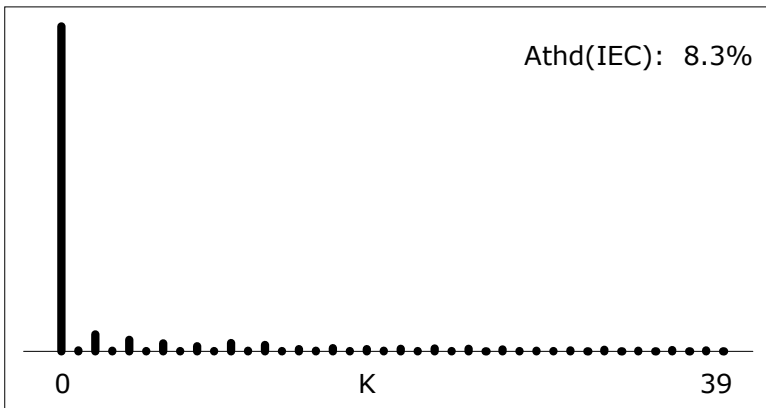
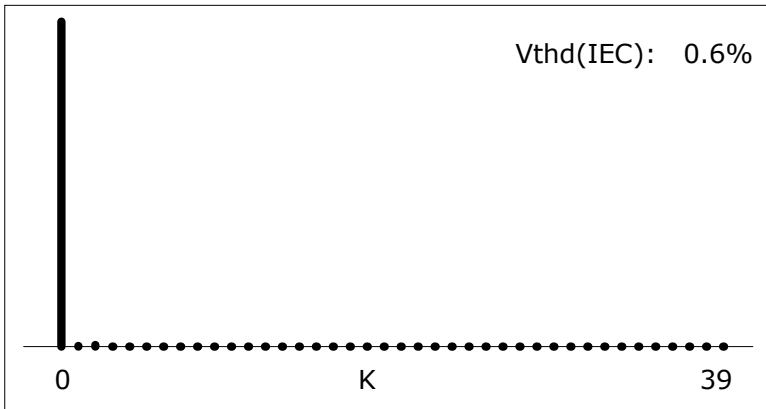


Input Characteristics Test Report [Narrow Band]

Voltage 230.11(V) Current 0.0641(A) Power 14.51(W) Power Factor 0.9837 Frequency 50.00(Hz)



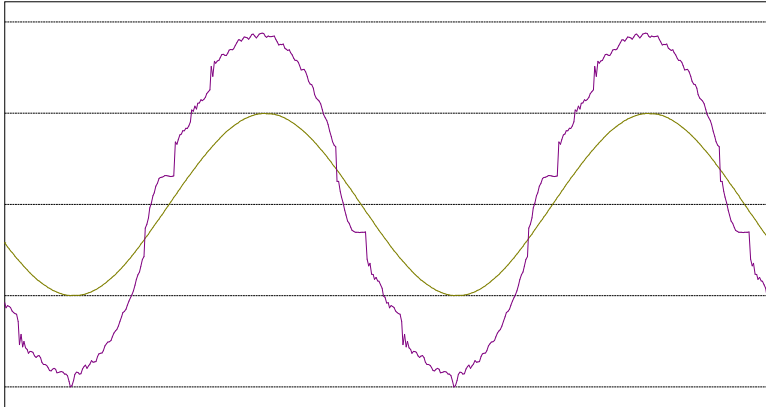
Spectrum(k)	Voltage	Current
0	0.0%	0.2%
1	100.0%	100.0%
2	0.2%	0.4%
3	0.6%	5.3%
4	0.1%	0.3%
5	0.0%	3.6%
6	0.0%	0.2%
7	0.0%	2.6%
8	0.0%	0.2%
9	0.0%	1.6%
10	0.0%	0.2%
11	0.0%	2.6%
12	0.0%	0.2%
13	0.0%	2.1%
14	0.0%	0.2%
15	0.1%	0.7%
16	0.0%	0.2%
17	0.0%	1.1%
18	0.0%	0.1%
19	0.0%	0.8%
20	0.0%	0.2%
21	0.0%	0.8%
22	0.0%	0.1%
23	0.0%	1.0%
24	0.0%	0.2%
25	0.1%	0.9%
26	0.0%	0.0%
27	0.0%	0.6%
28	0.0%	0.1%
29	0.0%	0.2%
30	0.0%	0.1%
31	0.0%	0.4%
32	0.0%	0.0%
33	0.0%	0.5%
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%	0.4%



Type:LED 0408.G.A331.6.60003.350mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-12-07

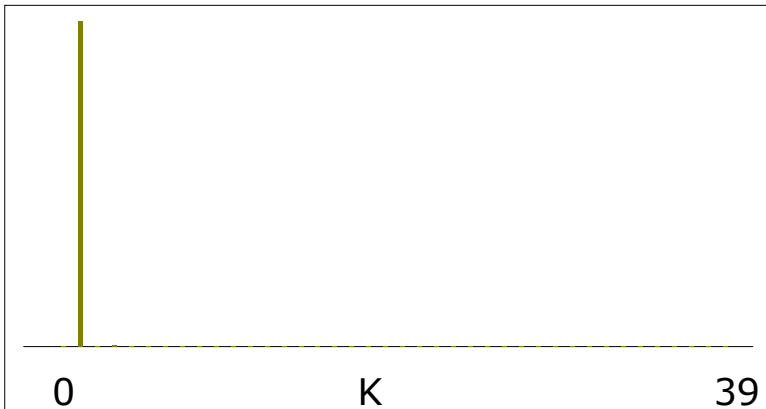
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
230.11(V)	0.0641(A)	14.51(W)	0.9837	50.00(Hz)

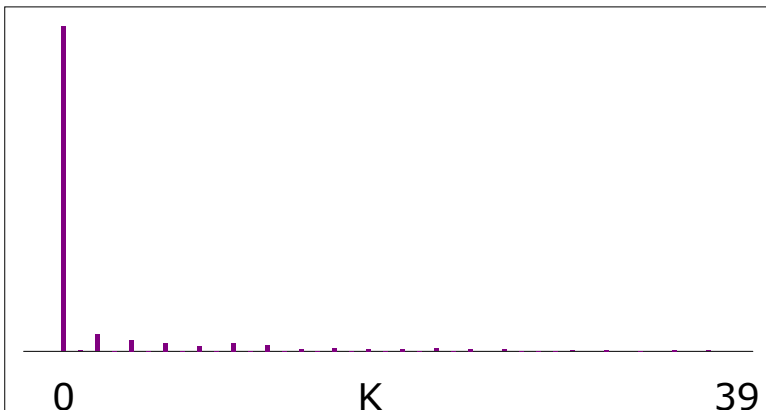


Voltage
Sensitivity: 326.97 V/Div
Peak: 326.97 V

Current
Sensitivity: 0.0471 A
Peak: 0.0942 A
Start Phase: -15.5°
Peak Phase: 87.2°
End Phase: 164.5°



Voltage Spectrum
THD(IEC): 0.62%
H3: 0.56%
H5: 0.01%
H7: 0.05%
H9: 0.01%



Current Spectrum
THD(IEC): 8.3%
H3: 5.25%
H5: 3.61%
H7: 2.55%
H9: 1.60%

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

Voltage: 230.11(V)

VCF: 1.421

Vthd(IEC): 0.62%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.04%	0.09
1	100.00%	230.11
2	0.22%	0.50
3	0.56%	1.28
4	0.09%	0.20
5	0.01%	0.02
6	0.01%	0.02
7	0.05%	0.11
8	0.01%	0.02
9	0.01%	0.03
10	0.01%	0.02
11	0.04%	0.10
12	0.01%	0.02
13	0.03%	0.07
14	0.01%	0.02
15	0.06%	0.14
16	0.00%	0.01
17	0.03%	0.07
18	0.01%	0.01
19	0.01%	0.02
20	0.01%	0.02
21	0.05%	0.11
22	0.00%	0.01
23	0.05%	0.11
24	0.01%	0.03
25	0.06%	0.13
26	0.00%	0.01
27	0.03%	0.08
28	0.01%	0.02
29	0.03%	0.06
30	0.00%	0.00
31	0.01%	0.02
32	0.00%	0.01
33	0.00%	0.00
34	0.00%	0.01
35	0.02%	0.04
36	0.00%	0.00
37	0.01%	0.01
38	0.00%	0.01
39	0.01%	0.02

Current: 0.0641(A)

ACF: 1.469

Athd(IEC): 8.31%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.21%	0.01
1	100.00%	4.40
2	0.36%	0.02
3	5.25%	0.23
4	0.27%	0.01
5	3.61%	0.16
6	0.19%	0.01
7	2.55%	0.11
8	0.19%	0.01
9	1.60%	0.07
10	0.16%	0.01
11	2.65%	0.12
12	0.22%	0.01
13	2.05%	0.09
14	0.17%	0.01
15	0.71%	0.03
16	0.25%	0.01
17	1.05%	0.05
18	0.11%	0.00
19	0.78%	0.03
20	0.22%	0.01
21	0.79%	0.03
22	0.10%	0.00
23	0.97%	0.04
24	0.17%	0.01
25	0.85%	0.04
26	0.05%	0.00
27	0.61%	0.03
28	0.13%	0.01
29	0.22%	0.01
30	0.13%	0.01
31	0.36%	0.02
32	0.04%	0.00
33	0.51%	0.02
34	0.06%	0.00
35	0.25%	0.01
36	0.04%	0.00
37	0.47%	0.02
38	0.05%	0.00
39	0.37%	0.02

Type:LED 0408.G.A331.6.60003.350mA

Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

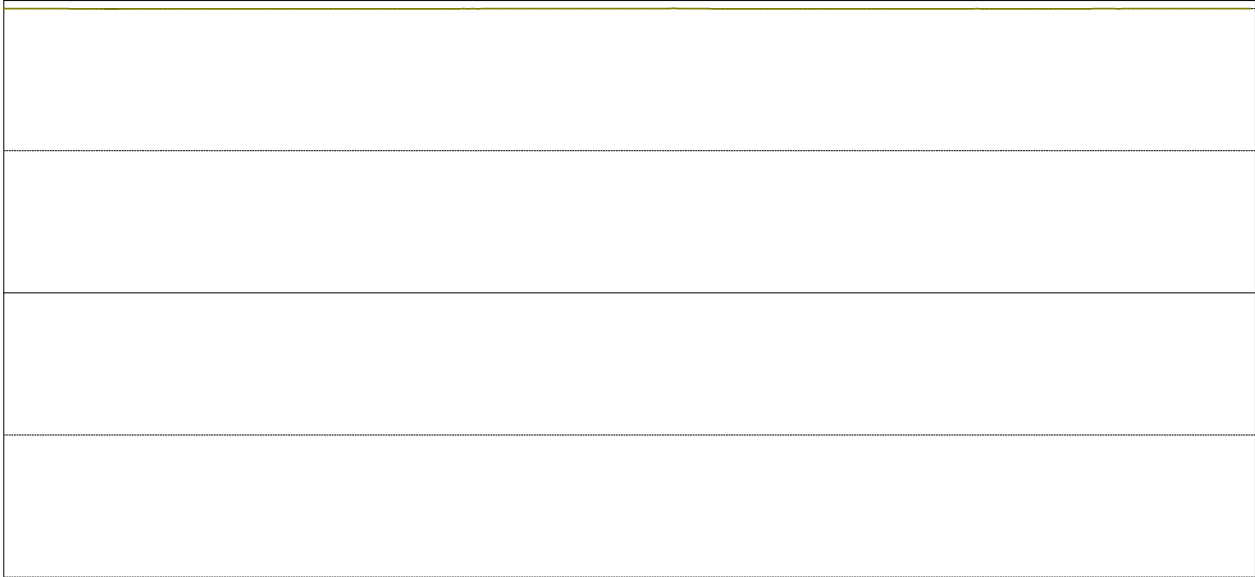
Inspector:

Test Time:2016-12-07

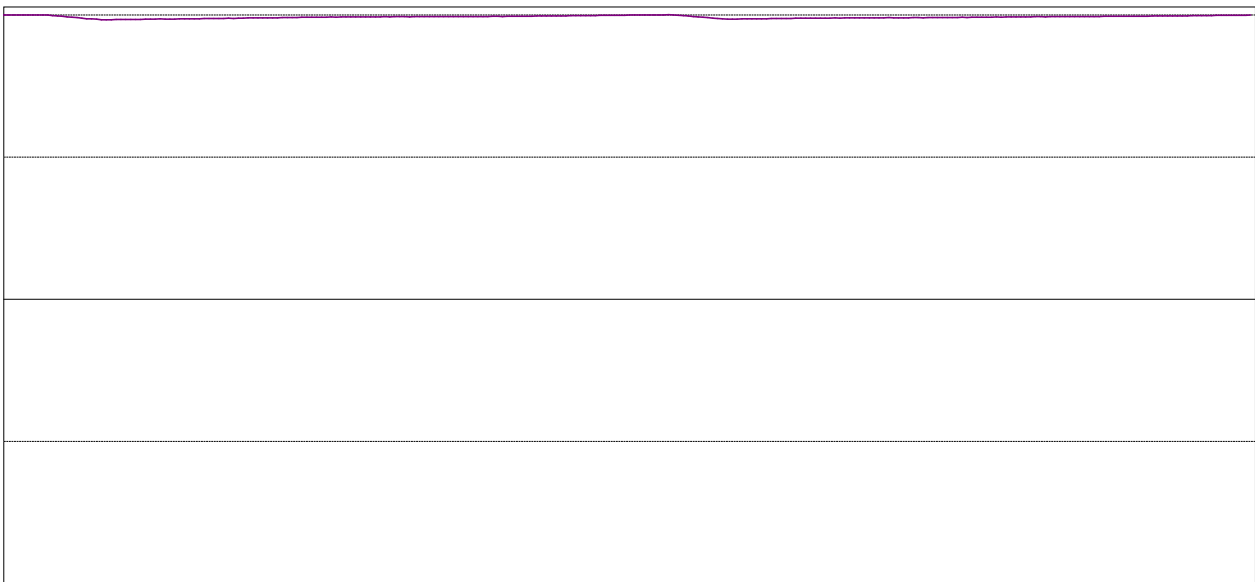
Output

Lamp Voltage(rms):35.63V Lamp Current(rms):0.3469A
Power:12.36W Ripple Current:0.000A Energy Efficiency:0.852

Lamp Voltage Wave



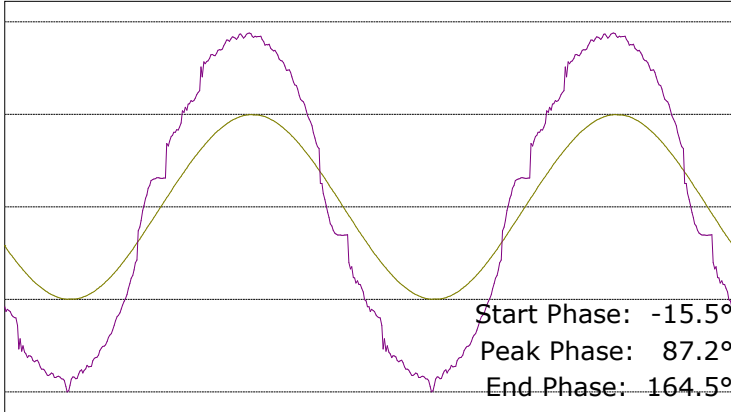
Lamp Current Wave



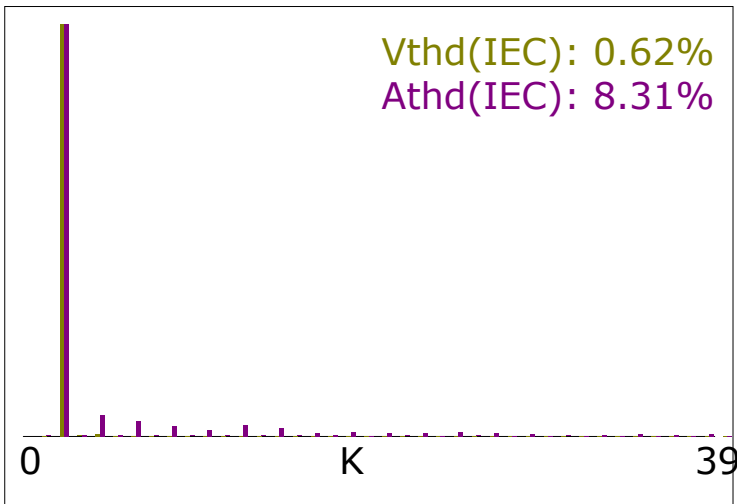
Type:LED 0408.G.A331.6.60003.350mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-12-07

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



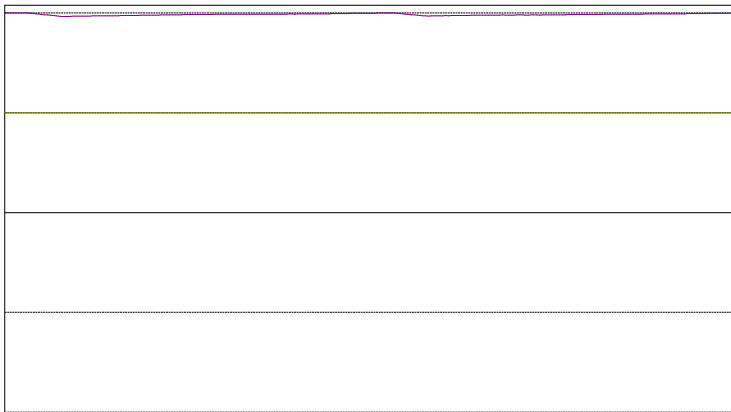
Voltage: 230.111(V)
VCF: 1.421
Vthd(IEC): 0.62%
Current: 0.064(A)
ACF: 1.469
Athd(IEC): 8.31%
Power: 14.5(W)
Power Factor: 0.9837
Frequency: 50.00(Hz)



Voltage Spectrum
H3: 0.56%
H5: 0.01%
H7: 0.05%
H9: 0.01%

Current Spectrum
H3: 5.25%
H5: 3.61%
H7: 2.55%
H9: 1.60%

Output characteristics



Lamp Voltage(rms):35.63V
Lamp Current(rms):0.3469A
Power:12.36W
Ripple Current:0.000A
Energy Efficiency:0.852