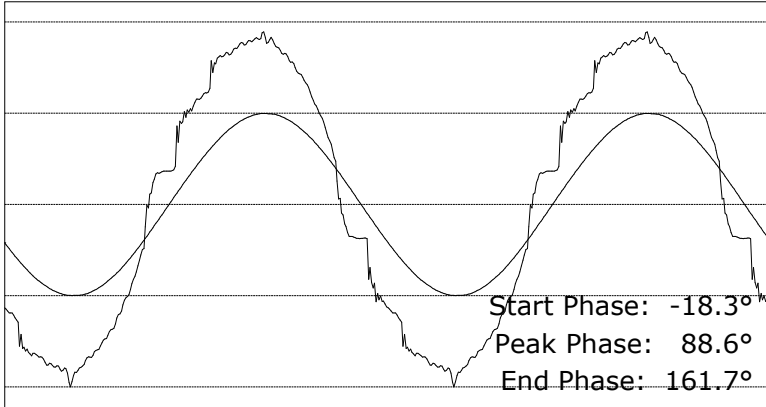
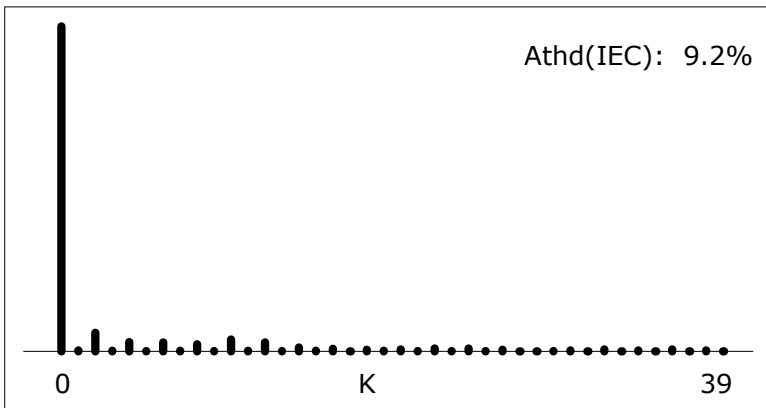
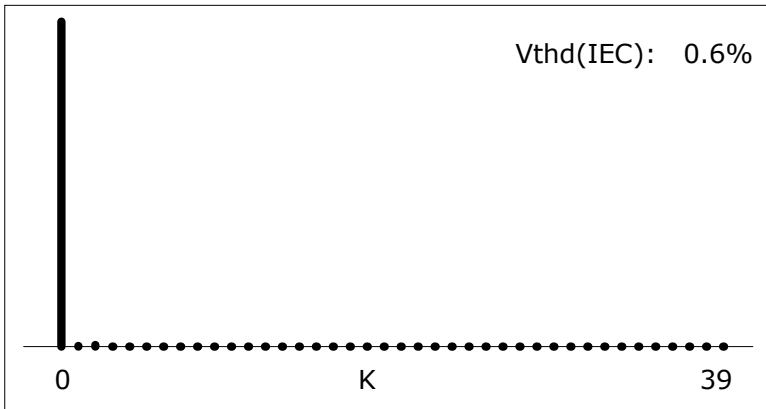


Input Characteristics Test Report [Narrow Band]

Voltage 234.31(V) Current 0.0567(A) Power 12.93(W) Power Factor 0.9736 Frequency 50.00(Hz)



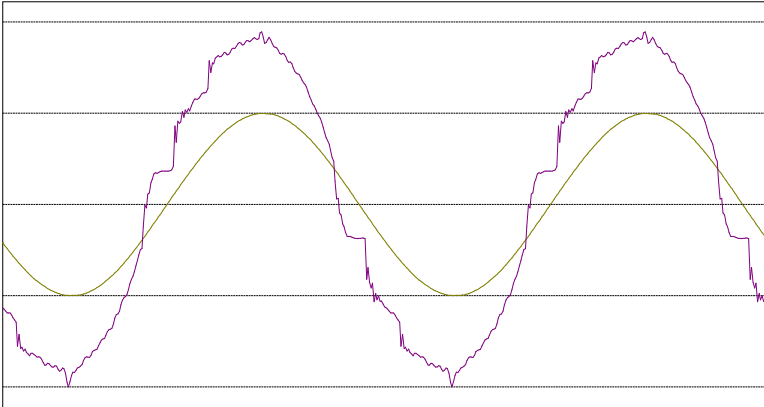
Spectrum(k)	Voltage	Current
0	0.0%	0.1%
1	100.0%	100.0%
2	0.2%	0.3%
3	0.5%	5.8%
4	0.1%	0.2%
5	0.0%	2.9%
6	0.0%	0.2%
7	0.0%	2.8%
8	0.0%	0.3%
9	0.0%	2.2%
10	0.0%	0.2%
11	0.0%	3.7%
12	0.0%	0.2%
13	0.0%	2.8%
14	0.0%	0.2%
15	0.1%	1.2%
16	0.0%	0.2%
17	0.0%	0.8%
18	0.0%	0.1%
19	0.0%	0.6%
20	0.0%	0.2%
21	0.0%	0.6%
22	0.0%	0.1%
23	0.1%	0.9%
24	0.0%	0.1%
25	0.0%	1.0%
26	0.0%	0.1%
27	0.0%	0.5%
28	0.0%	0.1%
29	0.0%	0.0%
30	0.0%	0.1%
31	0.0%	0.4%
32	0.0%	0.1%
33	0.0%	0.6%
34	0.0%	0.1%
35	0.0%	0.3%
36	0.0%	0.1%
37	0.0%	0.7%
38	0.0%	0.1%
39	0.0%	0.3%



Type:LED 0409.WB.U241.6.60082.300mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-22

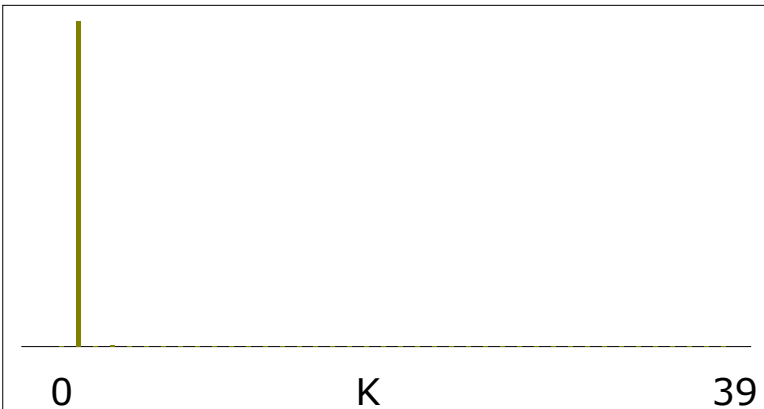
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
234.31(V)	0.0567(A)	12.93(W)	0.9736	50.00(Hz)

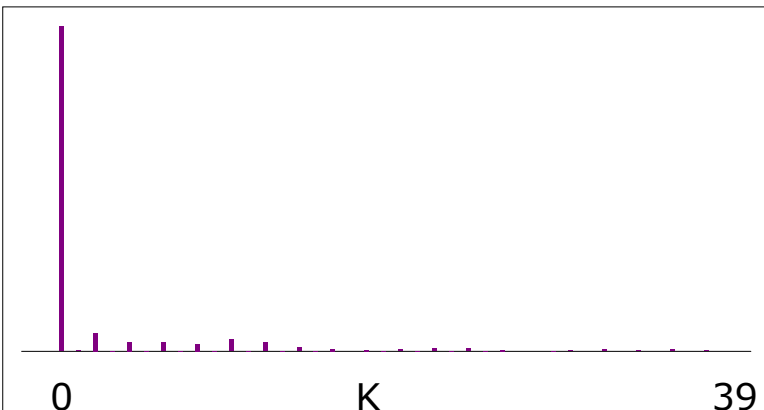


Voltage
Sensitivity: 332.78 V/Div
Peak: 332.78 V

Current
Sensitivity: 0.0425 A
Peak: 0.0850 A
Start Phase: -18.3°
Peak Phase: 88.6°
End Phase: 161.7°



Voltage Spectrum
THD(IEC): 0.61%
H3: 0.55%
H5: 0.01%
H7: 0.04%
H9: 0.01%



Current Spectrum
THD(IEC): 9.2%
H3: 5.76%
H5: 2.90%
H7: 2.79%
H9: 2.18%

Type:LED 0409.WB.U241.6.60082.300mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-22

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

Voltage: 234.31(V)

VCF: 1.420

Vthd(IEC): 0.61%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.01%	0.03
1	100.00%	234.30
2	0.20%	0.47
3	0.55%	1.29
4	0.08%	0.19
5	0.01%	0.02
6	0.01%	0.01
7	0.04%	0.10
8	0.01%	0.02
9	0.01%	0.01
10	0.01%	0.02
11	0.04%	0.09
12	0.01%	0.02
13	0.04%	0.10
14	0.01%	0.03
15	0.06%	0.13
16	0.01%	0.02
17	0.03%	0.07
18	0.01%	0.01
19	0.01%	0.02
20	0.01%	0.02
21	0.03%	0.06
22	0.00%	0.01
23	0.07%	0.16
24	0.01%	0.02
25	0.04%	0.08
26	0.00%	0.01
27	0.02%	0.05
28	0.01%	0.03
29	0.02%	0.05
30	0.00%	0.00
31	0.01%	0.03
32	0.00%	0.01
33	0.00%	0.00
34	0.00%	0.00
35	0.02%	0.05
36	0.00%	0.00
37	0.01%	0.02
38	0.00%	0.01
39	0.01%	0.03

Current: 0.0567(A)

ACF: 1.500

Athd(IEC): 9.16%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.06%	0.00
1	100.00%	4.37
2	0.33%	0.01
3	5.76%	0.25
4	0.22%	0.01
5	2.90%	0.13
6	0.19%	0.01
7	2.79%	0.12
8	0.26%	0.01
9	2.18%	0.09
10	0.16%	0.01
11	3.69%	0.16
12	0.23%	0.01
13	2.78%	0.12
14	0.18%	0.01
15	1.20%	0.05
16	0.25%	0.01
17	0.81%	0.04
18	0.07%	0.00
19	0.56%	0.02
20	0.20%	0.01
21	0.63%	0.03
22	0.10%	0.00
23	0.93%	0.04
24	0.14%	0.01
25	0.96%	0.04
26	0.11%	0.00
27	0.50%	0.02
28	0.09%	0.00
29	0.03%	0.00
30	0.13%	0.01
31	0.36%	0.02
32	0.06%	0.00
33	0.61%	0.03
34	0.07%	0.00
35	0.32%	0.01
36	0.07%	0.00
37	0.67%	0.03
38	0.08%	0.00
39	0.31%	0.01

Type:LED 0409.WB.U241.6.60082.300mA Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

Inspector:

Test Time:2016-11-22

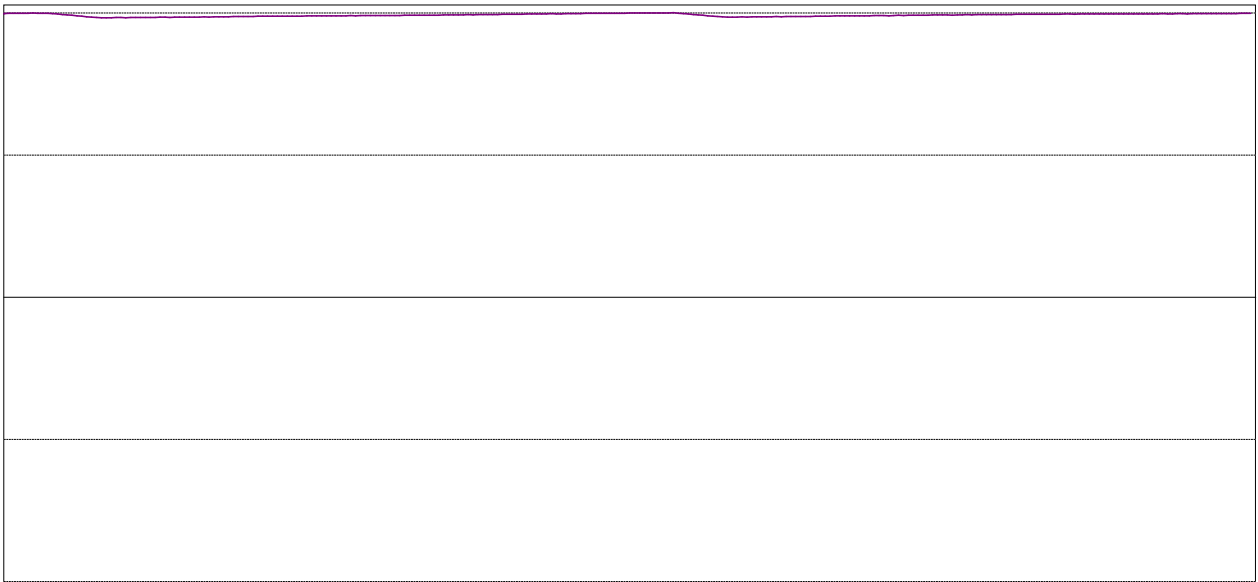
Output

Lamp Voltage(rms):36.69V Lamp Current(rms):0.2998A
Power:11.00W Ripple Current:0.000A Energy Efficiency:0.850

Lamp Voltage Wave



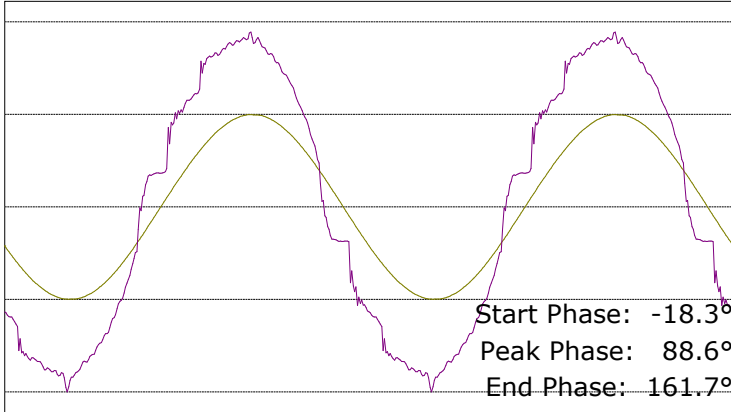
Lamp Current Wave



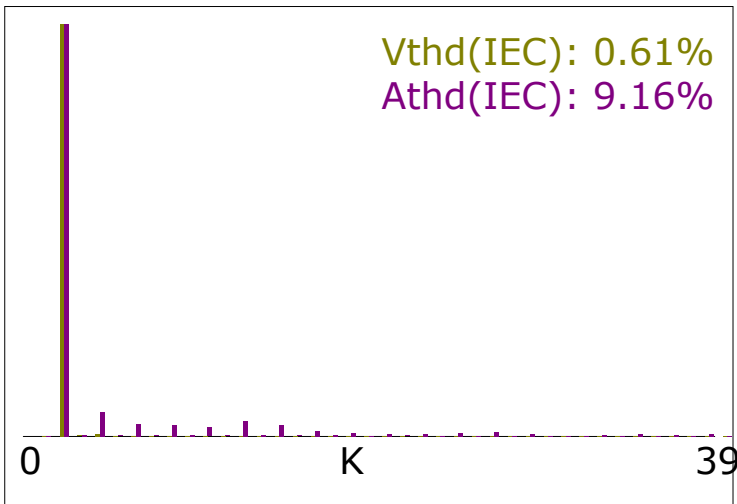
Type:LED 0409.WB.U241.6.60082.300mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-22

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



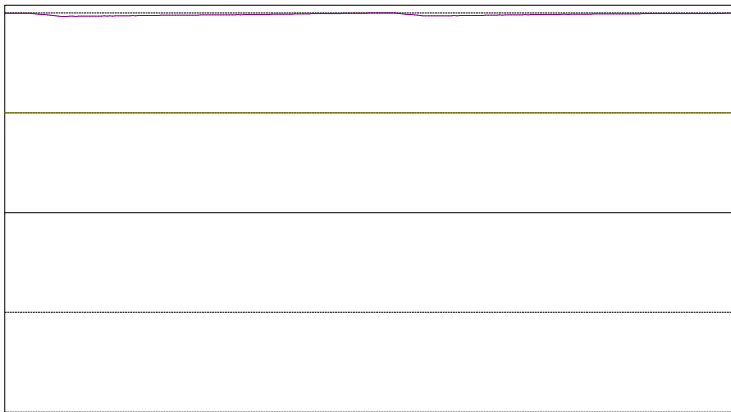
Voltage: 234.310(V)
VCF: 1.420
Vthd(IEC): 0.61%
Current: 0.057(A)
ACF: 1.500
Athd(IEC): 9.16%
Power: 12.9(W)
Power Factor: 0.9736
Frequency: 50.00(Hz)



Voltage Spectrum
H3: 0.55%
H5: 0.01%
H7: 0.04%
H9: 0.01%

Current Spectrum
H3: 5.76%
H5: 2.90%
H7: 2.79%
H9: 2.18%

Output characteristics



Lamp Voltage(rms):36.69V
Lamp Current(rms):0.2998A
Power:11.00W
Ripple Current:0.000A
Energy Efficiency:0.850