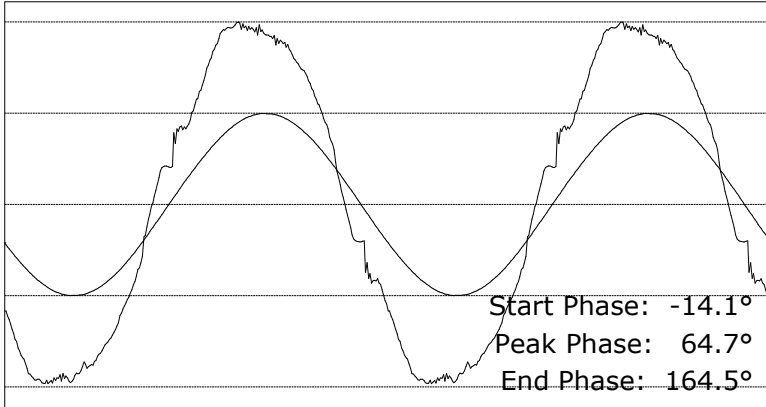
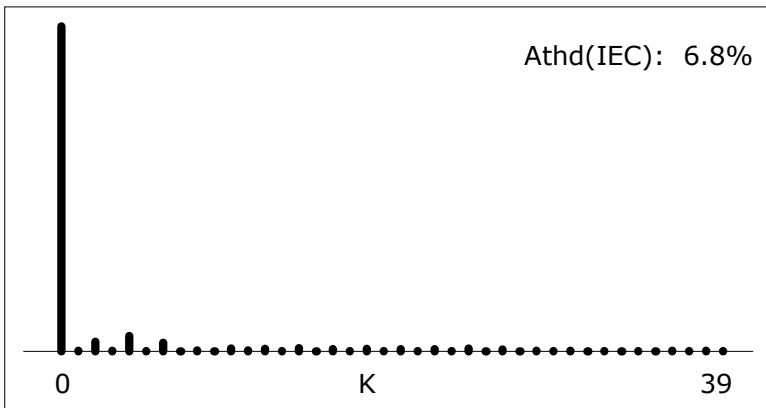
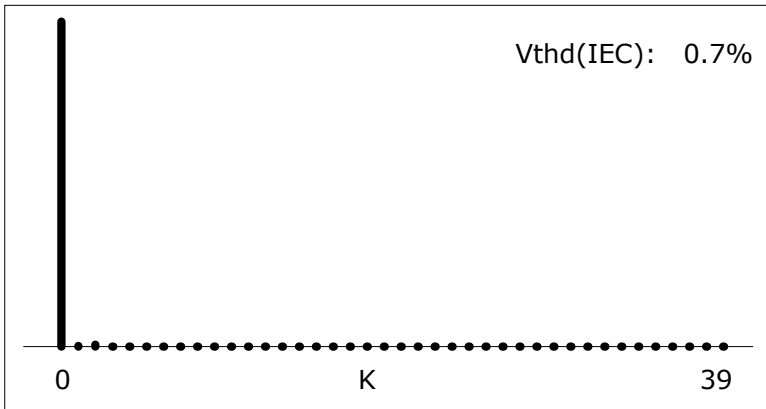


Input Characteristics Test Report [Narrow Band]

Voltage 233.25(V) Current 0.0786(A) Power 17.90(W) Power Factor 0.9768 Frequency 50.00(Hz)



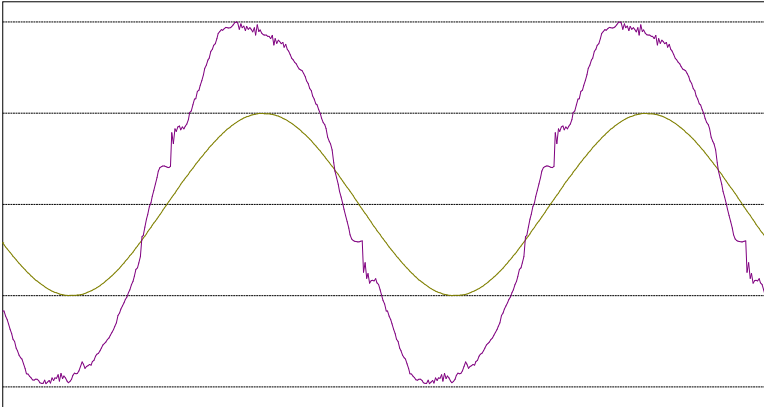
Spectrum(k)	Voltage	Current
0	0.0%	0.8%
1	100.0%	100.0%
2	0.2%	0.3%
3	0.6%	3.0%
4	0.1%	0.3%
5	0.1%	4.7%
6	0.0%	0.2%
7	0.1%	2.7%
8	0.0%	0.1%
9	0.0%	0.4%
10	0.0%	0.1%
11	0.1%	0.9%
12	0.0%	0.3%
13	0.0%	0.9%
14	0.0%	0.1%
15	0.0%	1.0%
16	0.0%	0.1%
17	0.0%	0.8%
18	0.0%	0.1%
19	0.0%	0.9%
20	0.0%	0.2%
21	0.0%	0.8%
22	0.0%	0.1%
23	0.0%	0.7%
24	0.0%	0.2%
25	0.1%	0.9%
26	0.0%	0.0%
27	0.0%	0.7%
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%	0.2%
34	0.0%	0.0%
35	0.0%	0.1%
36	0.0%	0.1%
37	0.0%	0.2%
38	0.0%	0.1%
39	0.0%	0.2%



Type:LED 0112.W.U341.6.60063.400mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-02

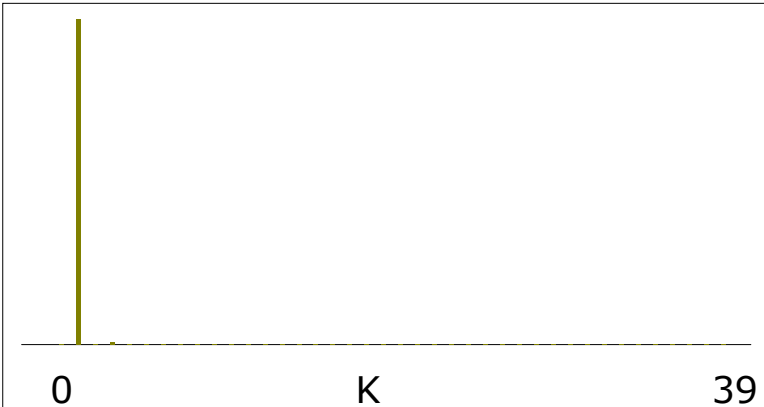
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
233.25(V)	0.0786(A)	17.90(W)	0.9768	50.00(Hz)

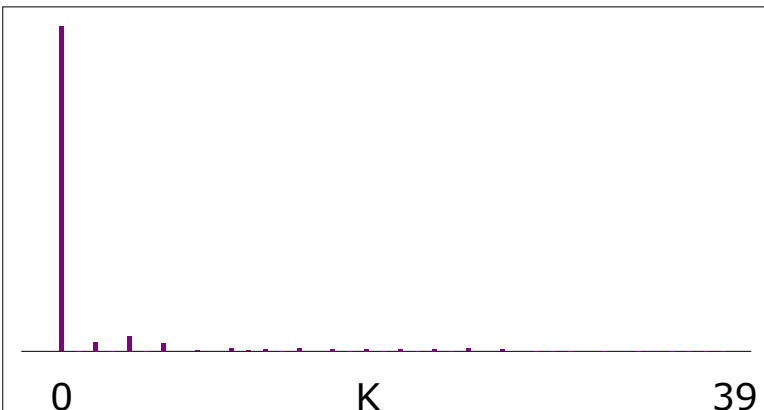


Voltage
Sensitivity: 331.52 V/Div
Peak: 331.52 V

Current
Sensitivity: 0.0549 A
Peak: 0.1098 A
Start Phase: -14.1°
Peak Phase: 64.7°
End Phase: 164.5°



Voltage Spectrum
THD(IEC): 0.68%
H3: 0.62%
H5: 0.07%
H7: 0.08%
H9: 0.03%



Current Spectrum
THD(IEC): 6.8%
H3: 3.01%
H5: 4.74%
H7: 2.71%
H9: 0.36%

Type:LED 0112.W.U341.6.60063.400mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-02

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

Voltage: 233.25(V)
 VCF: 1.421
 Vthd(IEC): 0.68%

Current: 0.0786(A)
 ACF: 1.398
 Athd(IEC): 6.83%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.03%	0.08
1	100.00%	233.27
2	0.21%	0.49
3	0.62%	1.44
4	0.09%	0.20
5	0.07%	0.16
6	0.01%	0.03
7	0.08%	0.18
8	0.01%	0.02
9	0.03%	0.06
10	0.01%	0.03
11	0.06%	0.13
12	0.01%	0.02
13	0.02%	0.05
14	0.01%	0.02
15	0.04%	0.10
16	0.01%	0.01
17	0.01%	0.03
18	0.00%	0.01
19	0.02%	0.04
20	0.01%	0.01
21	0.05%	0.11
22	0.01%	0.01
23	0.03%	0.07
24	0.01%	0.02
25	0.09%	0.20
26	0.01%	0.02
27	0.04%	0.10
28	0.01%	0.02
29	0.03%	0.06
30	0.00%	0.01
31	0.00%	0.00
32	0.00%	0.01
33	0.01%	0.03
34	0.00%	0.00
35	0.01%	0.02
36	0.00%	0.01
37	0.01%	0.02
38	0.00%	0.00
39	0.01%	0.02

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.84%	0.04
1	100.00%	4.38
2	0.26%	0.01
3	3.01%	0.13
4	0.29%	0.01
5	4.74%	0.21
6	0.17%	0.01
7	2.71%	0.12
8	0.05%	0.00
9	0.36%	0.02
10	0.09%	0.00
11	0.94%	0.04
12	0.30%	0.01
13	0.85%	0.04
14	0.11%	0.00
15	1.02%	0.04
16	0.07%	0.00
17	0.75%	0.03
18	0.12%	0.01
19	0.88%	0.04
20	0.17%	0.01
21	0.76%	0.03
22	0.10%	0.00
23	0.74%	0.03
24	0.15%	0.01
25	0.89%	0.04
26	0.02%	0.00
27	0.68%	0.03
28	0.05%	0.00
29	0.23%	0.01
30	0.11%	0.00
31	0.25%	0.01
32	0.02%	0.00
33	0.16%	0.01
34	0.02%	0.00
35	0.15%	0.01
36	0.06%	0.00
37	0.24%	0.01
38	0.11%	0.00
39	0.25%	0.01

Type:LED 0112.W.U341.6.60063.400mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-02

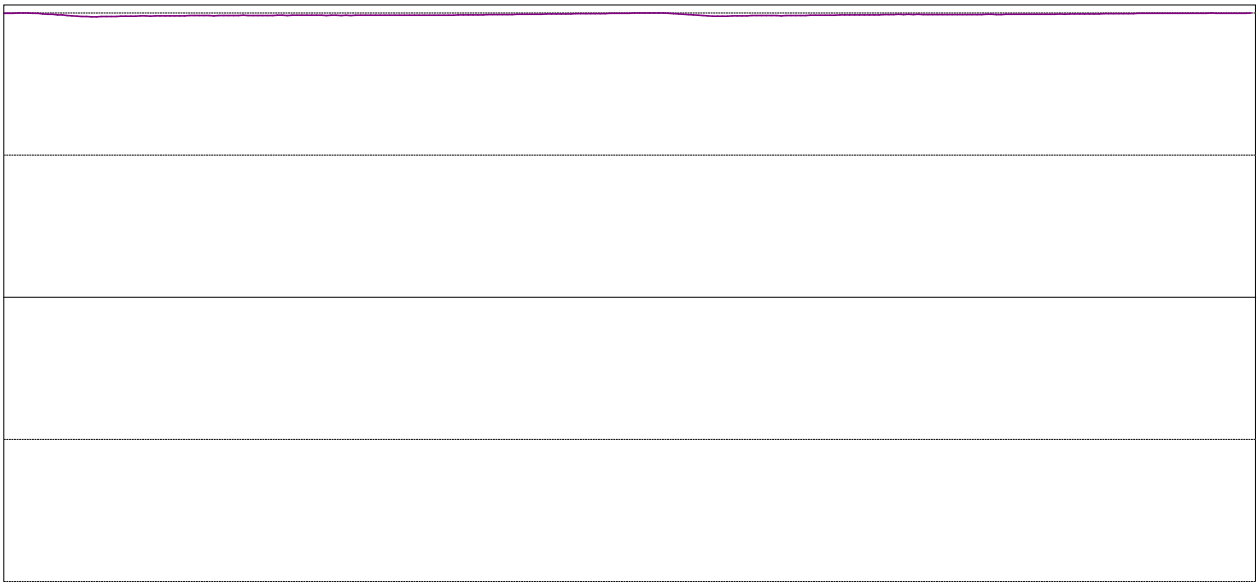
Output

Lamp Voltage(rms):38.28V Lamp Current(rms):0.4073A
Power:15.59W Ripple Current:0.000A Energy Efficiency:0.871

Lamp Voltage Wave



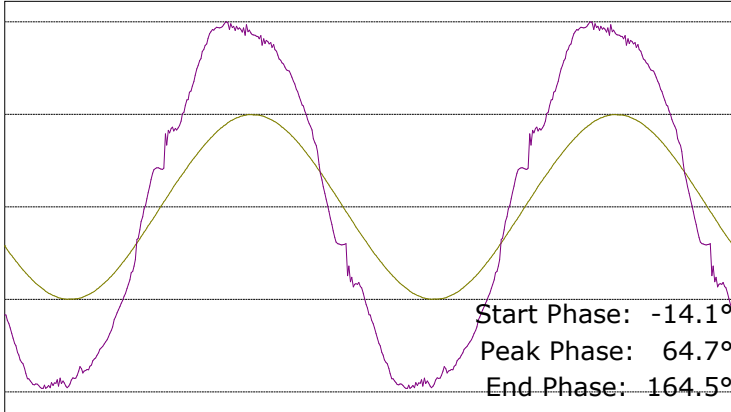
Lamp Current Wave



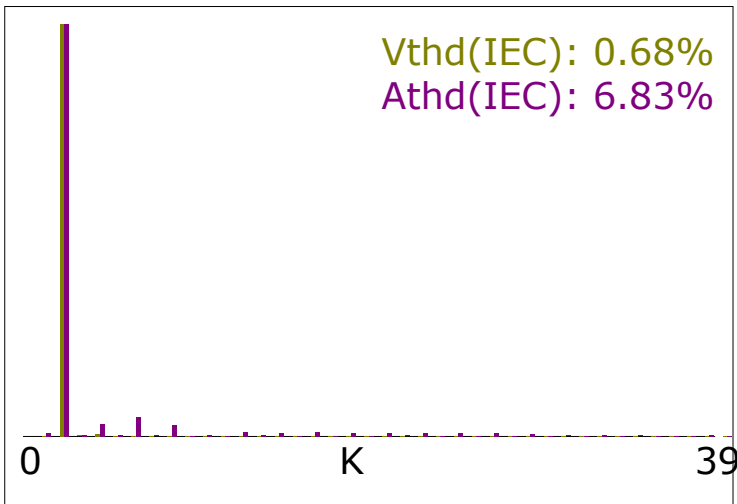
Type:LED 0112.W.U341.6.60063.400mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-02

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



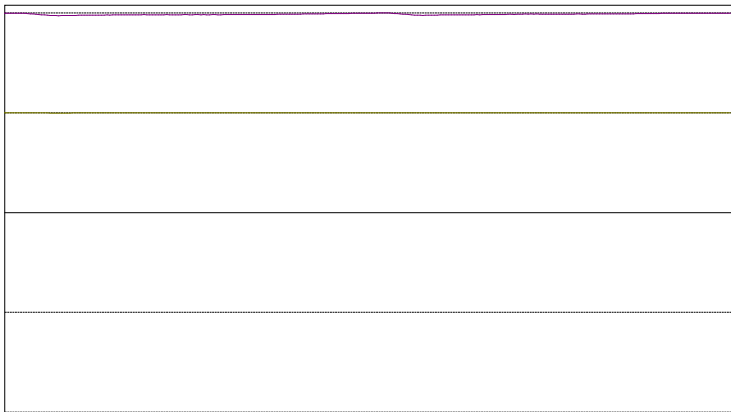
Voltage: 233.254(V)
 VCF: 1.421
 Vthd(IEC): 0.68%
 Current: 0.079(A)
 ACF: 1.398
 Athd(IEC): 6.83%
 Power: 17.9(W)
 Power Factor: 0.9768
 Frequency: 50.00(Hz)



Voltage Spectrum
 H3: 0.62%
 H5: 0.07%
 H7: 0.08%
 H9: 0.03%

Current Spectrum
 H3: 3.01%
 H5: 4.74%
 H7: 2.71%
 H9: 0.36%

Output characteristics



Lamp Voltage(rms):38.28V
 Lamp Current(rms):0.4073A
 Power:15.59W
 Ripple Current:0.000A
 Energy Efficiency:0.871