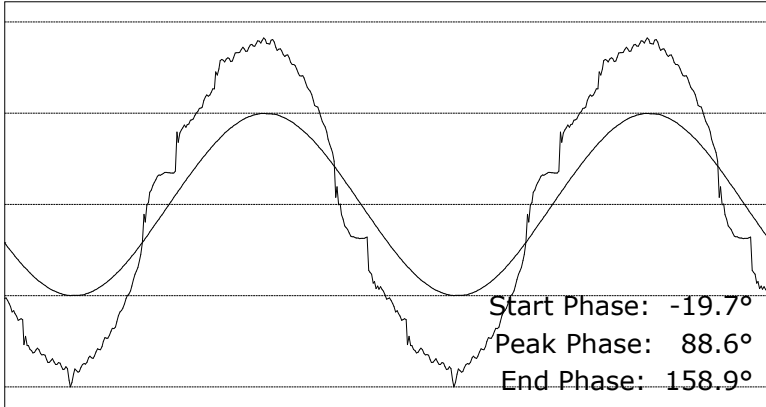
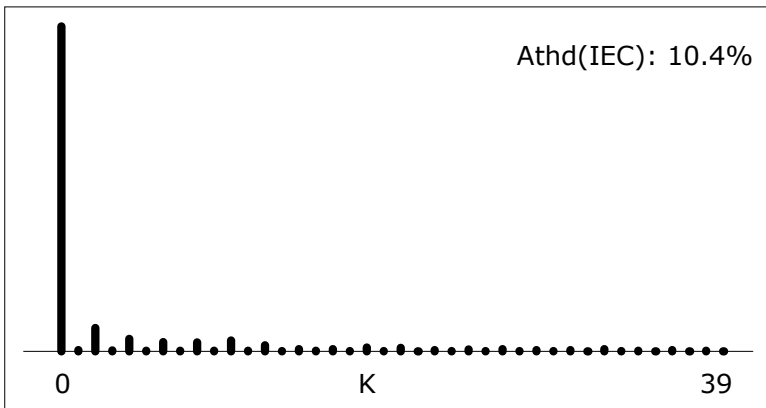
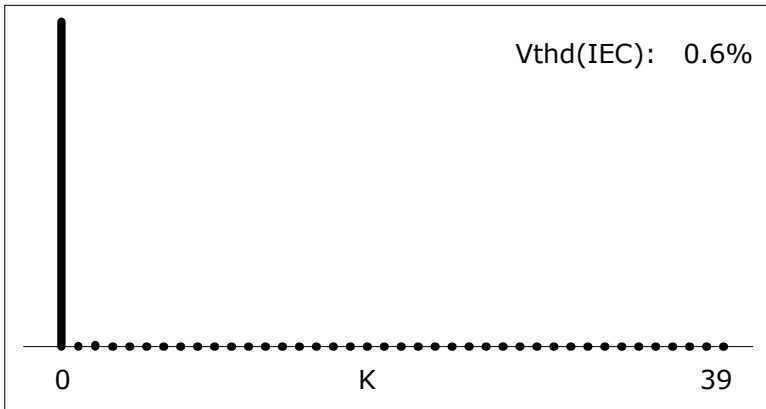


Input Characteristics Test Report [Narrow Band]

Voltage 232.58(V) Current 0.0563(A) Power 12.79(W) Power Factor 0.9763 Frequency 50.00(Hz)



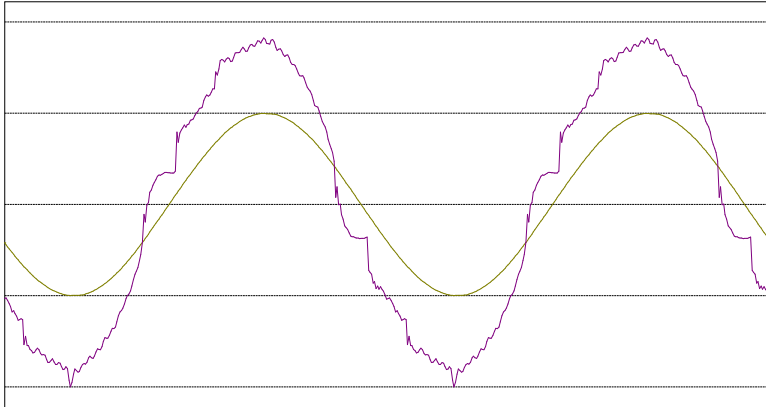
Spectrum(k)	Voltage	Current
0	0.0%	1.2%
1	100.0%	100.0%
2	0.2%	0.4%
3	0.5%	7.3%
4	0.1%	0.3%
5	0.0%	3.9%
6	0.0%	0.2%
7	0.0%	2.9%
8	0.0%	0.3%
9	0.0%	2.8%
10	0.0%	0.2%
11	0.0%	3.4%
12	0.0%	0.2%
13	0.0%	1.9%
14	0.0%	0.2%
15	0.1%	0.7%
16	0.0%	0.3%
17	0.0%	0.7%
18	0.0%	0.1%
19	0.0%	1.2%
20	0.0%	0.2%
21	0.0%	1.2%
22	0.0%	0.1%
23	0.1%	0.5%
24	0.0%	0.2%
25	0.1%	0.6%
26	0.0%	0.1%
27	0.0%	0.7%
28	0.0%	0.1%
29	0.0%	0.4%
30	0.0%	0.1%
31	0.0%	0.4%
32	0.0%	0.1%
33	0.0%	0.7%
34	0.0%	0.1%
35	0.0%	0.2%
36	0.0%	0.0%
37	0.0%	0.5%
38	0.0%	0.1%
39	0.0%	0.2%



Type:LED 0117.G.U241.6.60069.300mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-10

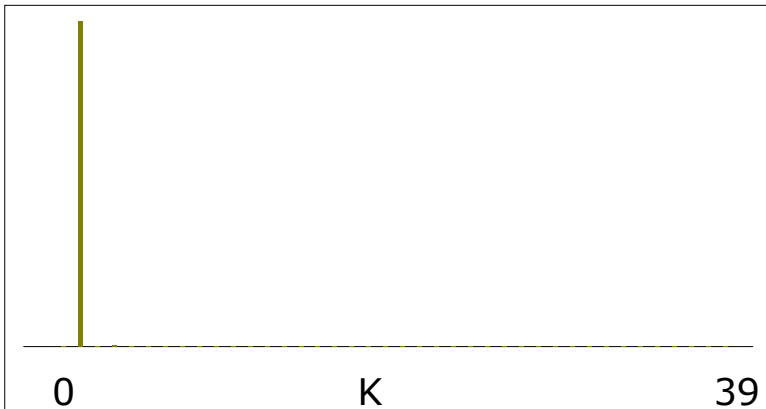
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
232.58(V)	0.0563(A)	12.79(W)	0.9763	50.00(Hz)

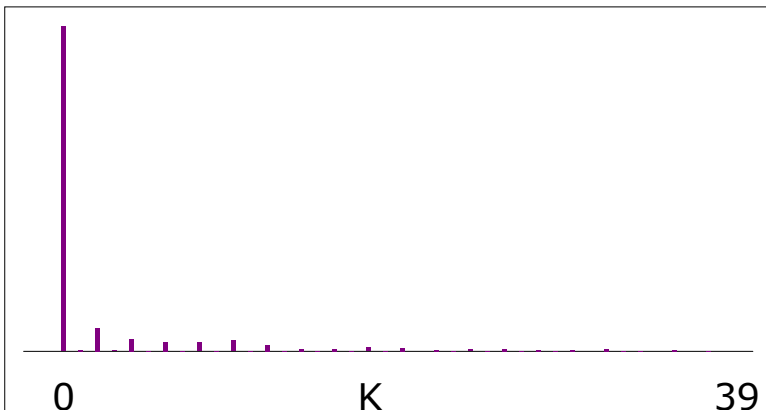


Voltage
Sensitivity: 330.12 V/Div
Peak: 330.12 V

Current
Sensitivity: 0.0435 A
Peak: 0.0869 A
Start Phase: -19.7°
Peak Phase: 88.6°
End Phase: 158.9°



Voltage Spectrum
THD(IEC): 0.59%
H3: 0.53%
H5: 0.04%
H7: 0.03%
H9: 0.01%



Current Spectrum
THD(IEC): 10.4%
H3: 7.27%
H5: 3.90%
H7: 2.89%
H9: 2.77%

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

Voltage: 232.58(V)
 VCF: 1.419
 Vthd(IEC): 0.59%

Current: 0.0563(A)
 ACF: 1.543
 Athd(IEC): 10.44%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.03%	0.07
1	100.00%	232.57
2	0.21%	0.48
3	0.53%	1.23
4	0.08%	0.18
5	0.04%	0.09
6	0.01%	0.02
7	0.03%	0.06
8	0.01%	0.02
9	0.01%	0.03
10	0.01%	0.02
11	0.04%	0.09
12	0.01%	0.01
13	0.03%	0.06
14	0.01%	0.03
15	0.07%	0.15
16	0.01%	0.02
17	0.03%	0.06
18	0.01%	0.01
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	0.02%	0.04
25	0.06%	0.14
26	0.00%	0.00
27	0.04%	0.08
28	0.01%	0.02
29	0.00%	0.01
30	0.00%	0.00
31	0.03%	0.06
32	0.00%	0.01
33	0.01%	0.02
34	0.00%	0.01
35	0.02%	0.04
36	0.00%	0.01
37	0.01%	0.01
38	0.00%	0.00
39	0.01%	0.03

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	1.17%	0.05
1	100.00%	4.38
2	0.41%	0.02
3	7.27%	0.32
4	0.30%	0.01
5	3.90%	0.17
6	0.22%	0.01
7	2.89%	0.13
8	0.26%	0.01
9	2.77%	0.12
10	0.20%	0.01
11	3.37%	0.15
12	0.23%	0.01
13	1.88%	0.08
14	0.19%	0.01
15	0.75%	0.03
16	0.27%	0.01
17	0.71%	0.03
18	0.14%	0.01
19	1.24%	0.05
20	0.19%	0.01
21	1.16%	0.05
22	0.10%	0.00
23	0.48%	0.02
24	0.18%	0.01
25	0.63%	0.03
26	0.11%	0.00
27	0.73%	0.03
28	0.13%	0.01
29	0.43%	0.02
30	0.13%	0.01
31	0.40%	0.02
32	0.06%	0.00
33	0.74%	0.03
34	0.14%	0.01
35	0.24%	0.01
36	0.00%	0.00
37	0.49%	0.02
38	0.09%	0.00
39	0.24%	0.01

Type:LED 0117.G.U241.6.60069.300mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-10

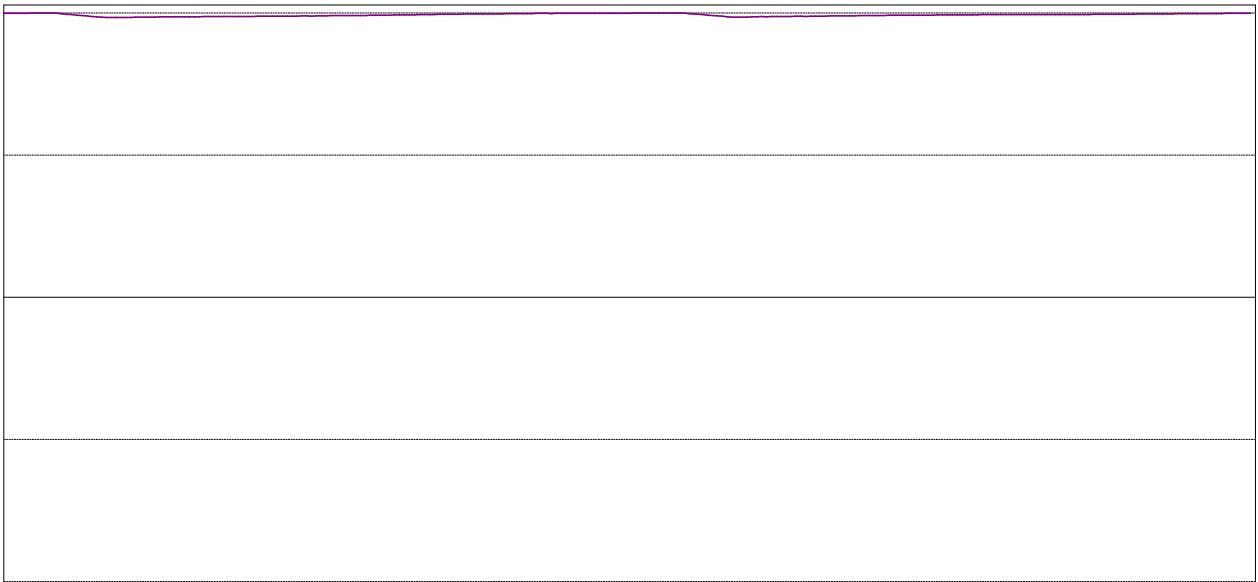
Output

Lamp Voltage(rms):36.19V Lamp Current(rms):0.3000A
Power:10.86W Ripple Current:0.000A Energy Efficiency:0.848

Lamp Voltage Wave



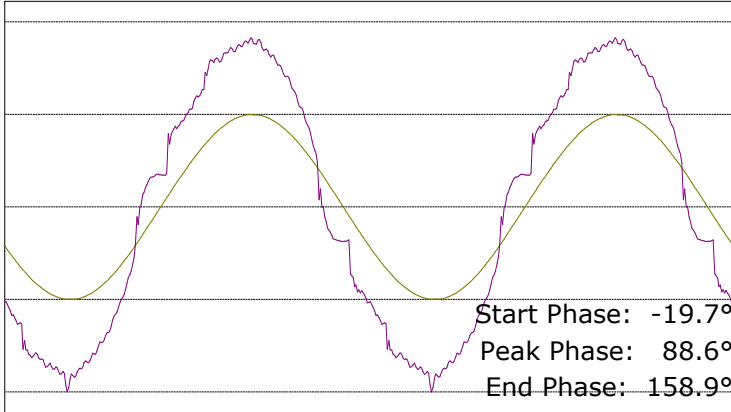
Lamp Current Wave



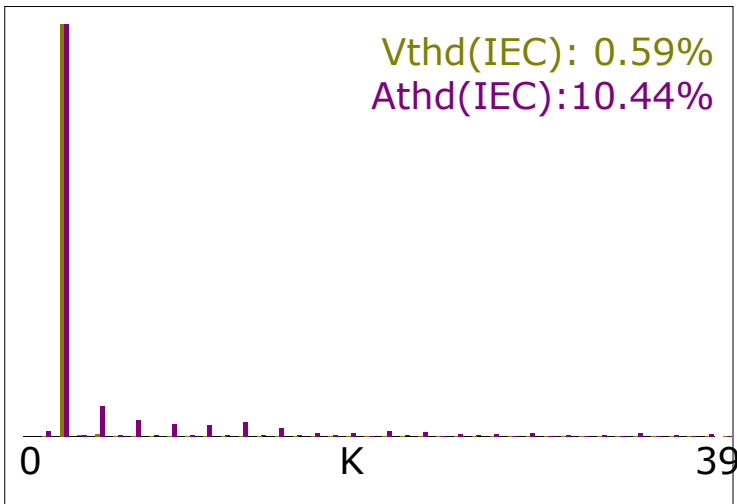
Type:LED 0117.G.U241.6.60069.300mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-10

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



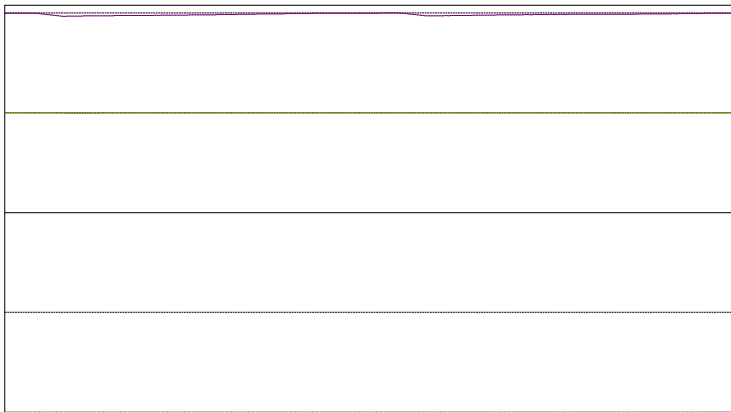
Voltage: 232.576(V)
 VCF: 1.419
 Vthd(IEC): 0.59%
 Current: 0.056(A)
 ACF: 1.543
 Athd(IEC): 10.44%
 Power: 12.8(W)
 Power Factor: 0.9763
 Frequency: 50.00(Hz)



Voltage Spectrum
 H3: 0.53%
 H5: 0.04%
 H7: 0.03%
 H9: 0.01%

Current Spectrum
 H3: 7.27%
 H5: 3.90%
 H7: 2.89%
 H9: 2.77%

Output characteristics



Lamp Voltage(rms):36.19V
 Lamp Current(rms):0.3000A
 Power:10.86W
 Ripple Current:0.000A
 Energy Efficiency:0.848