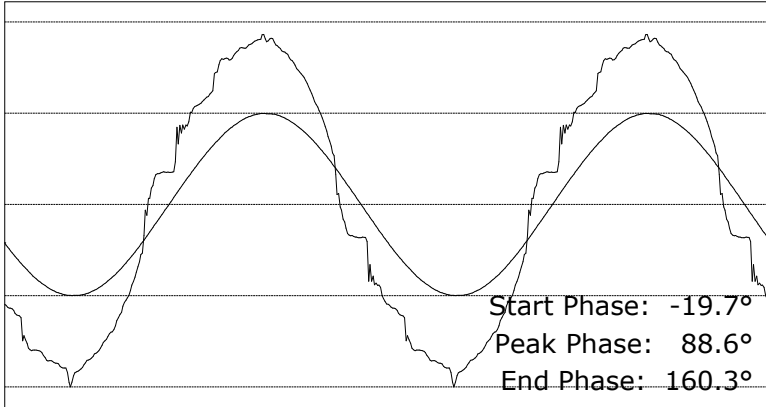
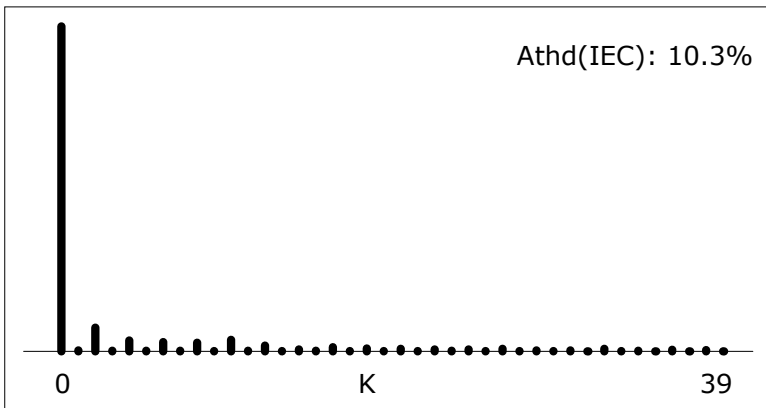
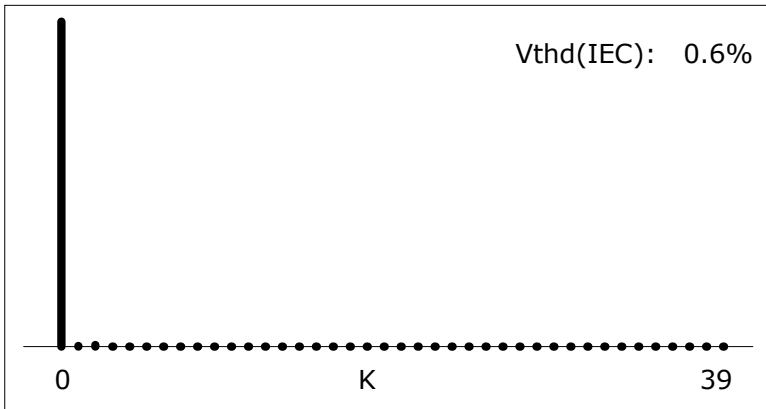


Input Characteristics Test Report [Narrow Band]

Voltage 232.58(V) Current 0.0565(A) Power 12.84(W) Power Factor 0.9766 Frequency 50.00(Hz)



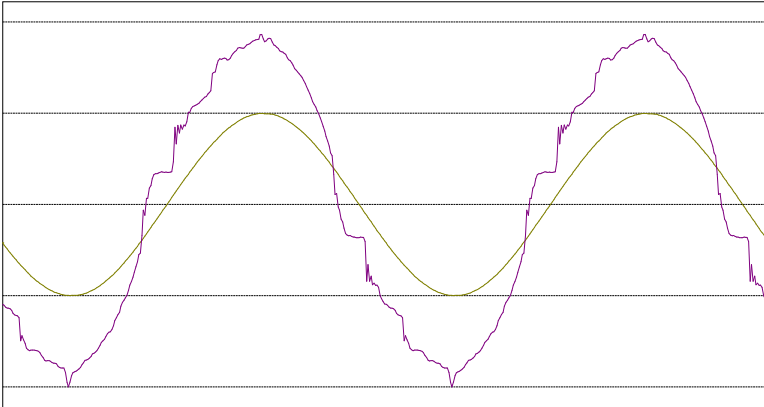
Spectrum(k)	Voltage	Current
0	0.0%	0.3%
1	100.0%	100.0%
2	0.2%	0.4%
3	0.5%	7.3%
4	0.1%	0.2%
5	0.0%	3.4%
6	0.0%	0.2%
7	0.0%	2.9%
8	0.0%	0.2%
9	0.0%	2.7%
10	0.0%	0.2%
11	0.0%	3.6%
12	0.0%	0.3%
13	0.0%	1.8%
14	0.0%	0.2%
15	0.1%	0.7%
16	0.0%	0.3%
17	0.0%	1.3%
18	0.0%	0.1%
19	0.0%	0.9%
20	0.0%	0.2%
21	0.0%	0.8%
22	0.0%	0.1%
23	0.1%	0.6%
24	0.0%	0.2%
25	0.1%	0.7%
26	0.0%	0.1%
27	0.0%	0.9%
28	0.0%	0.1%
29	0.0%	0.3%
30	0.0%	0.1%
31	0.0%	0.3%
32	0.0%	0.1%
33	0.0%	0.9%
34	0.0%	0.1%
35	0.0%	0.2%
36	0.0%	0.1%
37	0.0%	0.6%
38	0.0%	0.1%
39	0.0%	0.4%



Type:LED 0117.W.U241.6.60068.300mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-09

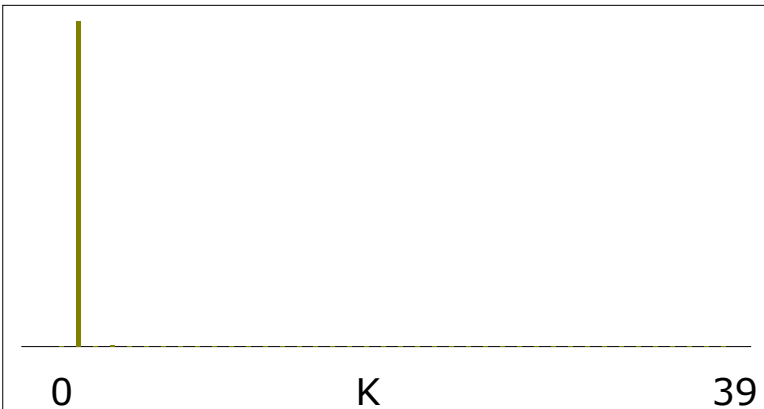
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
232.58(V)	0.0565(A)	12.84(W)	0.9766	50.00(Hz)

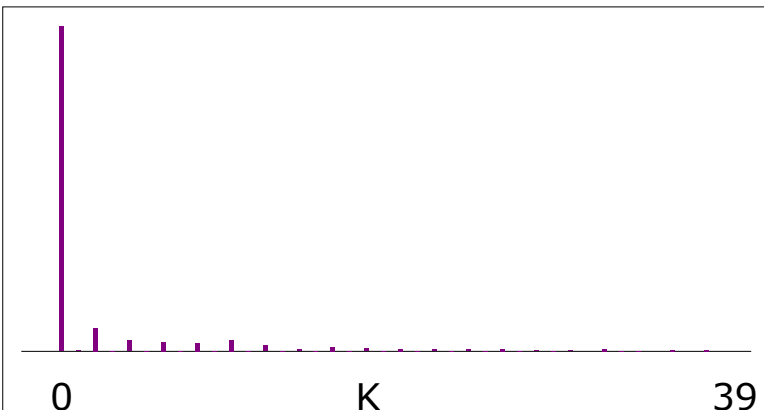


Voltage
Sensitivity: 330.30 V/Div
Peak: 330.30 V

Current
Sensitivity: 0.0431 A
Peak: 0.0862 A
Start Phase: -19.7°
Peak Phase: 88.6°
End Phase: 160.3°



Voltage Spectrum
THD(IEC): 0.60%
H3: 0.54%
H5: 0.02%
H7: 0.03%
H9: 0.02%



Current Spectrum
THD(IEC): 10.3%
H3: 7.32%
H5: 3.45%
H7: 2.93%
H9: 2.71%

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

Voltage: 232.58(V)

VCF: 1.420

Vthd(IEC): 0.60%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.03%	0.06
1	100.00%	232.56
2	0.20%	0.48
3	0.54%	1.25
4	0.08%	0.19
5	0.02%	0.04
6	0.01%	0.02
7	0.03%	0.07
8	0.01%	0.02
9	0.02%	0.04
10	0.01%	0.02
11	0.04%	0.08
12	0.01%	0.02
13	0.03%	0.07
14	0.01%	0.03
15	0.06%	0.15
16	0.01%	0.01
17	0.03%	0.07
18	0.00%	0.01
19	0.01%	0.02
20	0.01%	0.02
21	0.03%	0.07
22	0.01%	0.01
23	0.05%	0.13
24	0.01%	0.02
25	0.06%	0.14
26	0.00%	0.01
27	0.04%	0.09
28	0.01%	0.02
29	0.01%	0.03
30	0.00%	0.00
31	0.02%	0.06
32	0.01%	0.02
33	0.01%	0.02
34	0.00%	0.01
35	0.02%	0.04
36	0.00%	0.01
37	0.01%	0.02
38	0.00%	0.00
39	0.01%	0.03

Current: 0.0565(A)

ACF: 1.524

Athd(IEC): 10.33%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.29%	0.01
1	100.00%	4.38
2	0.36%	0.02
3	7.32%	0.32
4	0.23%	0.01
5	3.45%	0.15
6	0.24%	0.01
7	2.93%	0.13
8	0.23%	0.01
9	2.71%	0.12
10	0.18%	0.01
11	3.58%	0.16
12	0.26%	0.01
13	1.84%	0.08
14	0.16%	0.01
15	0.67%	0.03
16	0.26%	0.01
17	1.33%	0.06
18	0.13%	0.01
19	0.91%	0.04
20	0.18%	0.01
21	0.83%	0.04
22	0.11%	0.00
23	0.61%	0.03
24	0.23%	0.01
25	0.68%	0.03
26	0.13%	0.01
27	0.89%	0.04
28	0.13%	0.01
29	0.32%	0.01
30	0.11%	0.00
31	0.32%	0.01
32	0.06%	0.00
33	0.87%	0.04
34	0.11%	0.00
35	0.25%	0.01
36	0.07%	0.00
37	0.56%	0.02
38	0.08%	0.00
39	0.42%	0.02

Type:LED 0117.W.U241.6.60068.300mA Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

Inspector:

Test Time:2016-11-09

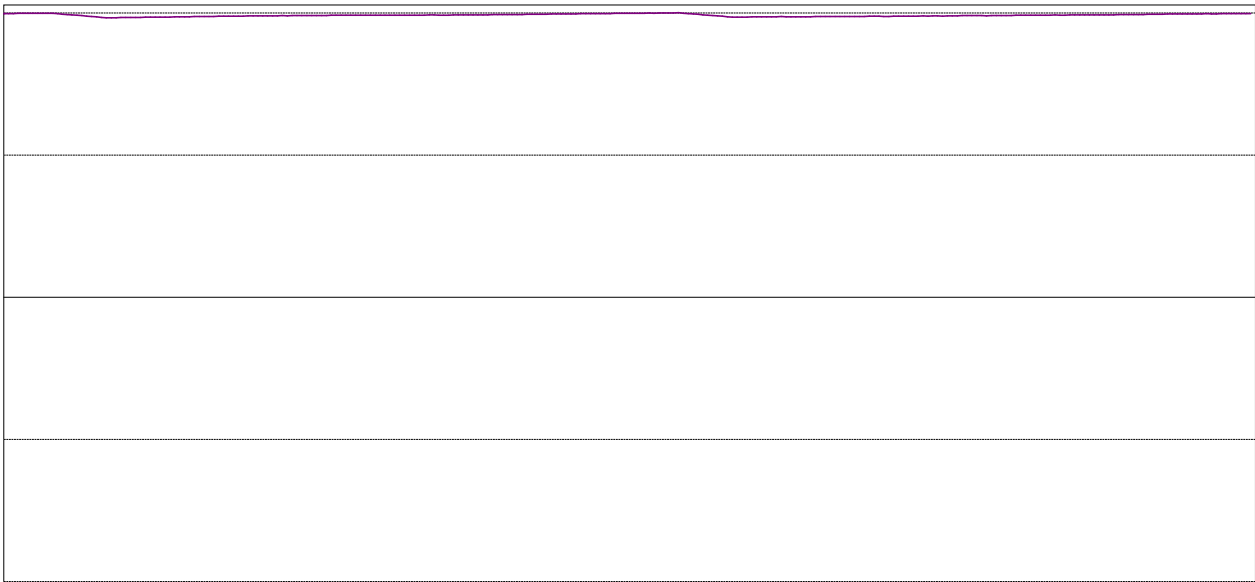
Output

Lamp Voltage(rms):36.49V Lamp Current(rms):0.2989A
Power:10.91W Ripple Current:0.000A Energy Efficiency:0.850

Lamp Voltage Wave



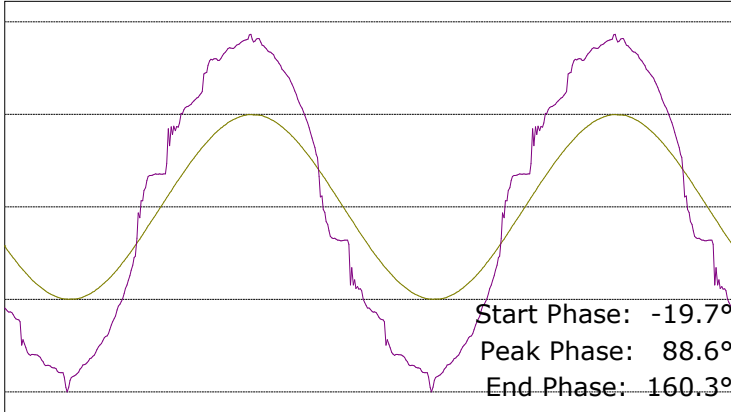
Lamp Current Wave



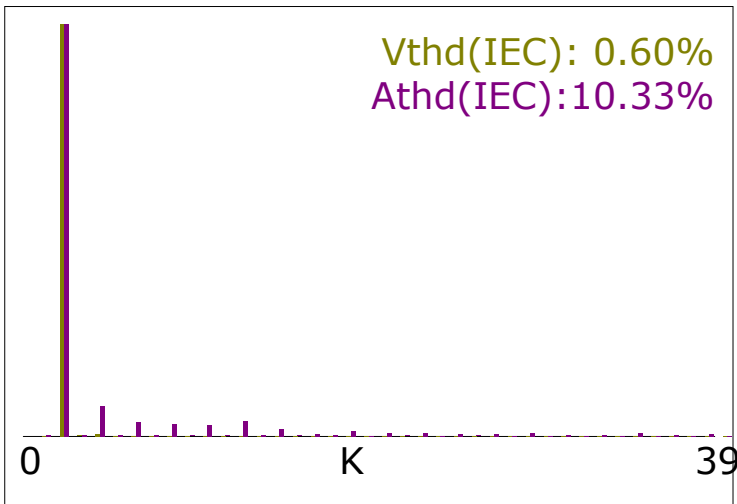
Type:LED 0117.W.U241.6.60068.300mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-09

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



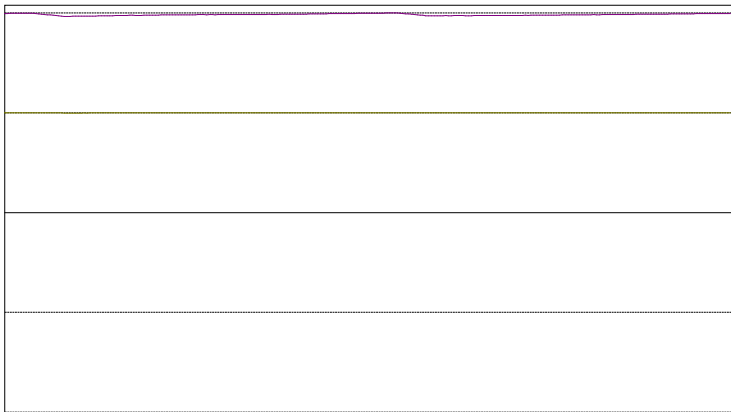
Voltage: 232.578(V)
 VCF: 1.420
 Vthd(IEC): 0.60%
 Current: 0.057(A)
 ACF: 1.524
 Athd(IEC): 10.33%
 Power: 12.8(W)
 Power Factor: 0.9766
 Frequency: 50.00(Hz)



Voltage Spectrum
 H3: 0.54%
 H5: 0.02%
 H7: 0.03%
 H9: 0.02%

Current Spectrum
 H3: 7.32%
 H5: 3.45%
 H7: 2.93%
 H9: 2.71%

Output characteristics



Lamp Voltage(rms):36.49V
 Lamp Current(rms):0.2989A
 Power:10.91W
 Ripple Current:0.000A
 Energy Efficiency:0.850