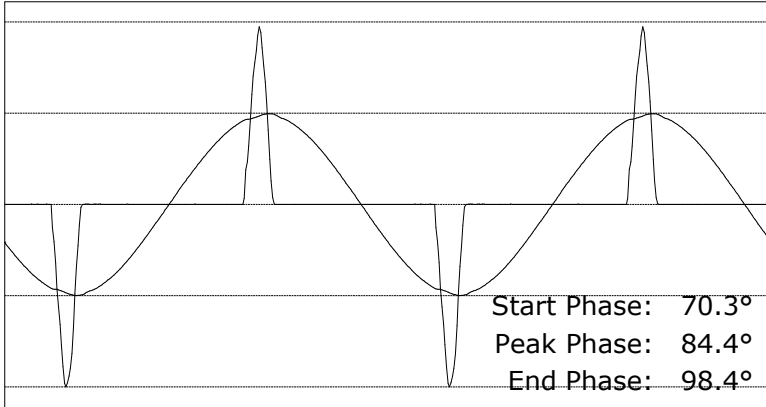
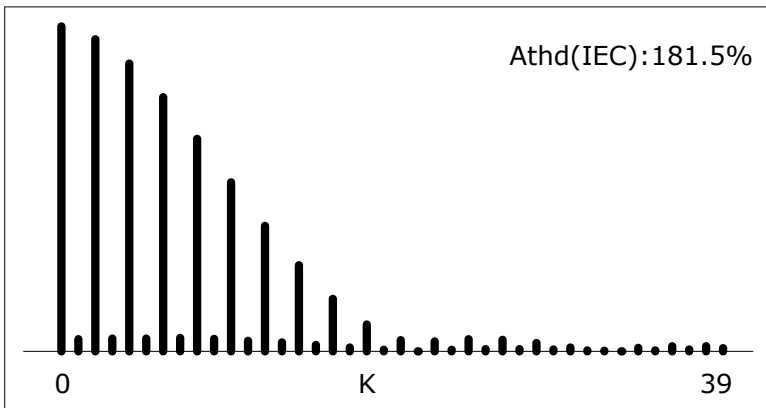
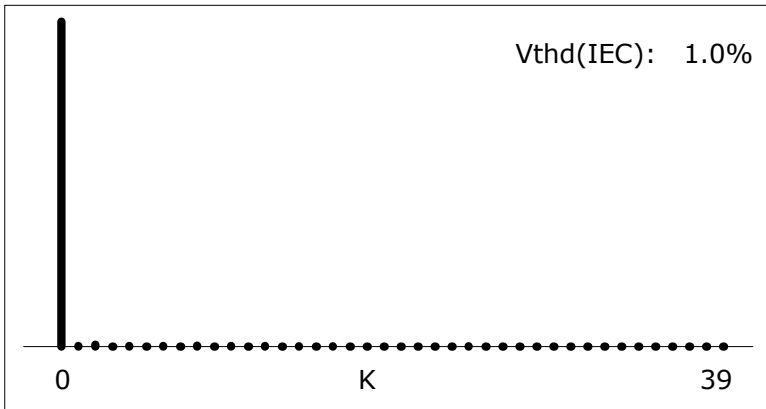


Input Characteristics Test Report [Narrow Band]

Voltage 230.11(V) Current 0.0678(A) Power 7.47(W) Power Factor 0.4787 Frequency 50.00(Hz)



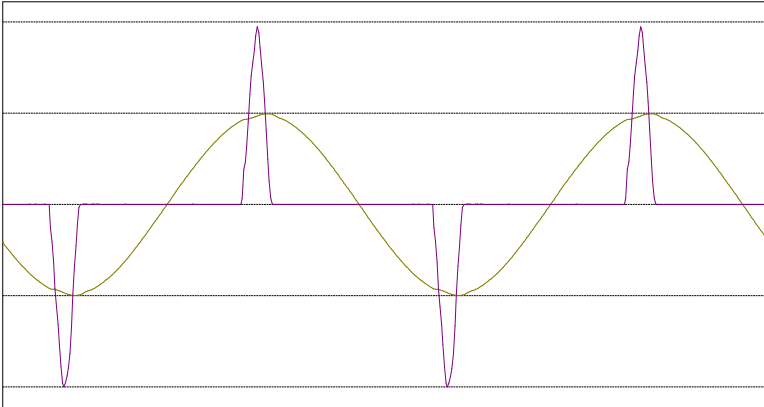
Spectrum(k)	Voltage	Current
0	0.0%	2.8%
1	100.0%	100.0%
2	0.2%	3.8%
3	0.6%	96.1%
4	0.1%	4.0%
5	0.2%	88.6%
6	0.0%	4.0%
7	0.3%	78.3%
8	0.0%	4.2%
9	0.3%	65.5%
10	0.0%	3.9%
11	0.3%	52.1%
12	0.0%	3.3%
13	0.3%	38.7%
14	0.0%	2.8%
15	0.2%	26.6%
16	0.0%	2.0%
17	0.2%	16.2%
18	0.0%	1.3%
19	0.1%	8.4%
20	0.0%	0.5%
21	0.0%	3.5%
22	0.0%	0.1%
23	0.1%	3.1%
24	0.0%	0.6%
25	0.1%	3.8%
26	0.0%	0.7%
27	0.1%	3.6%
28	0.0%	0.7%
29	0.0%	2.6%
30	0.0%	0.6%
31	0.0%	1.2%
32	0.0%	0.4%
33	0.0%	0.2%
34	0.0%	0.1%
35	0.0%	1.1%
36	0.0%	0.3%
37	0.0%	1.7%
38	0.0%	0.7%
39	0.0%	1.7%



Type:LED 0116.G.A131.6.60007.300mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-12-07

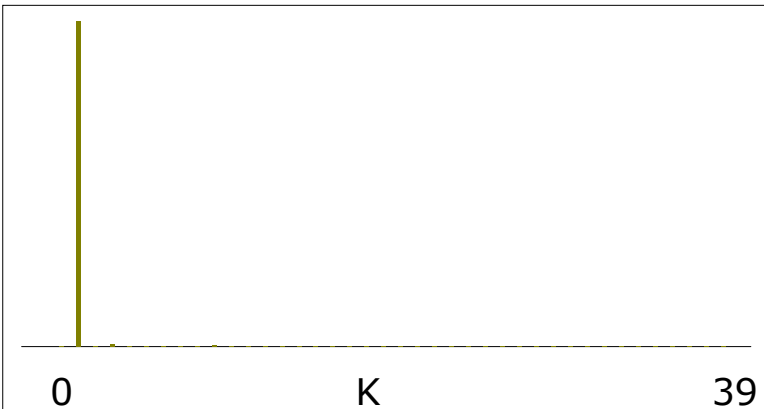
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
230.11(V)	0.0678(A)	7.47(W)	0.4787	50.00(Hz)

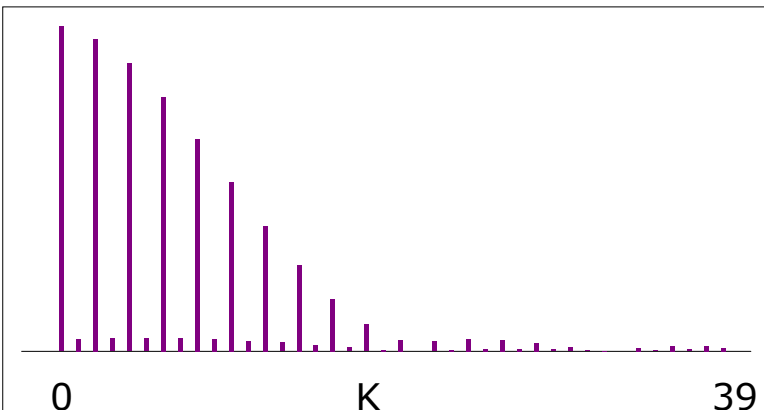


Voltage
Sensitivity: 331.38 V/Div
Peak: 331.38 V

Current
Sensitivity: 0.1348 A
Peak: 0.2696 A
Start Phase: 70.3°
Peak Phase: 84.4°
End Phase: 98.4°



Voltage Spectrum
THD(IEC): 0.96%
H3: 0.62%
H5: 0.23%
H7: 0.26%
H9: 0.34%



Current Spectrum
THD(IEC): 181.5%
H3: 96.14%
H5: 88.58%
H7: 78.26%
H9: 65.47%

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

Voltage: 230.11(V)

VCF: 1.440

Vthd(IEC): 0.96%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.01%	0.03
1	100.00%	230.10
2	0.20%	0.46
3	0.62%	1.42
4	0.07%	0.15
5	0.23%	0.52
6	0.01%	0.03
7	0.26%	0.60
8	0.03%	0.07
9	0.34%	0.78
10	0.01%	0.03
11	0.26%	0.61
12	0.03%	0.07
13	0.29%	0.67
14	0.02%	0.04
15	0.17%	0.38
16	0.02%	0.05
17	0.20%	0.45
18	0.02%	0.04
19	0.08%	0.18
20	0.00%	0.01
21	0.01%	0.02
22	0.01%	0.02
23	0.06%	0.13
24	0.02%	0.04
25	0.10%	0.23
26	0.01%	0.02
27	0.06%	0.14
28	0.01%	0.03
29	0.05%	0.11
30	0.00%	0.01
31	0.02%	0.05
32	0.00%	0.00
33	0.02%	0.04
34	0.00%	0.01
35	0.03%	0.07
36	0.00%	0.01
37	0.03%	0.06
38	0.01%	0.01
39	0.03%	0.06

Current: 0.0678(A)

ACF: 3.974

Athd(IEC): 181.51%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	2.82%	0.12
1	100.00%	4.39
2	3.76%	0.16
3	96.14%	4.22
4	3.97%	0.17
5	88.58%	3.89
6	4.01%	0.18
7	78.26%	3.43
8	4.15%	0.18
9	65.47%	2.87
10	3.91%	0.17
11	52.05%	2.28
12	3.33%	0.15
13	38.67%	1.70
14	2.76%	0.12
15	26.56%	1.17
16	1.99%	0.09
17	16.24%	0.71
18	1.26%	0.06
19	8.36%	0.37
20	0.52%	0.02
21	3.48%	0.15
22	0.08%	0.00
23	3.06%	0.13
24	0.58%	0.03
25	3.84%	0.17
26	0.71%	0.03
27	3.58%	0.16
28	0.73%	0.03
29	2.59%	0.11
30	0.62%	0.03
31	1.19%	0.05
32	0.38%	0.02
33	0.20%	0.01
34	0.07%	0.00
35	1.14%	0.05
36	0.34%	0.01
37	1.66%	0.07
38	0.68%	0.03
39	1.66%	0.07

Type:LED 0116.G.A131.6.60007.300mA

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):19.30V

Lamp Current(rms):0.3065A

Power:5.92W

Ripple Current:0.000A

Energy Efficiency:0.792

Lamp Voltage Wave



Lamp Current Wave



Type:LED 0116.G.A131.6.60007.300mA

Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

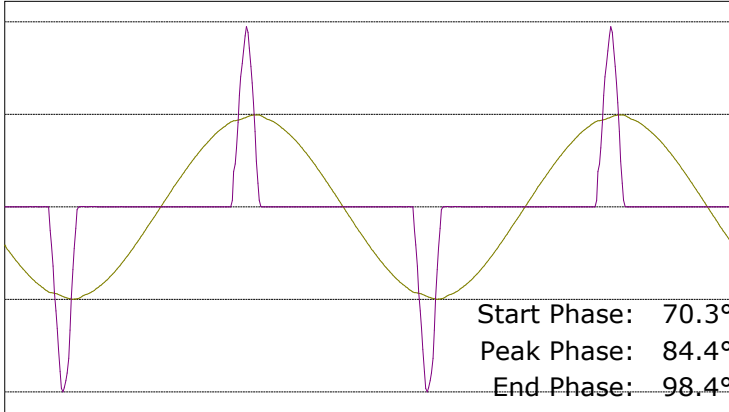
Operator:

Inspector:

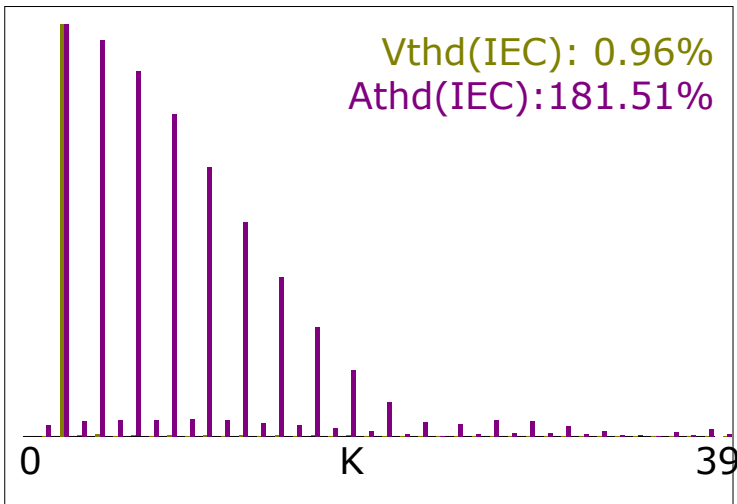
Test Time:2016-12-07

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



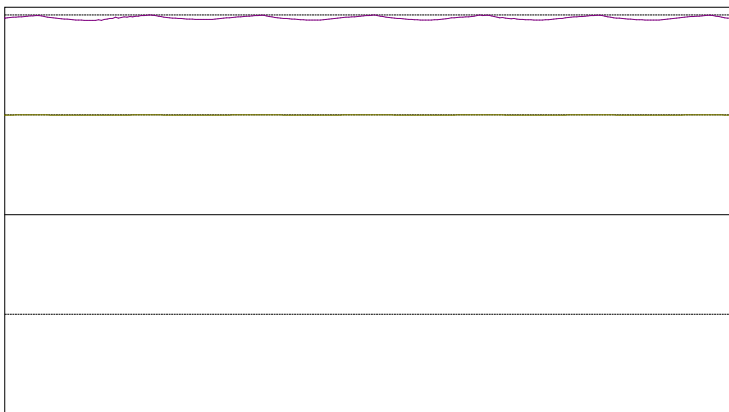
Voltage: 230.110(V)
 VCF: 1.440
 Vthd(IEC): 0.96%
 Current: 0.068(A)
 ACF: 3.974
 Athd(IEC): 181.51%
 Power: 7.5(W)
 Power Factor: 0.4787
 Frequency: 50.00(Hz)



Voltage Spectrum
 H3: 0.62%
 H5: 0.23%
 H7: 0.26%
 H9: 0.34%

Current Spectrum
 H3: 96.14%
 H5: 88.58%
 H7: 78.26%
 H9: 65.47%

Output characteristics



Lamp Voltage(rms):19.30V
 Lamp Current(rms):0.3065A
 Power:5.92W
 Ripple Current:0.000A
 Energy Efficiency:0.792