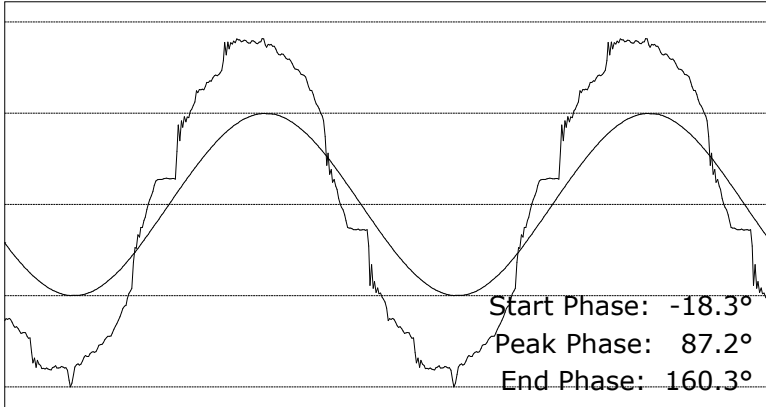
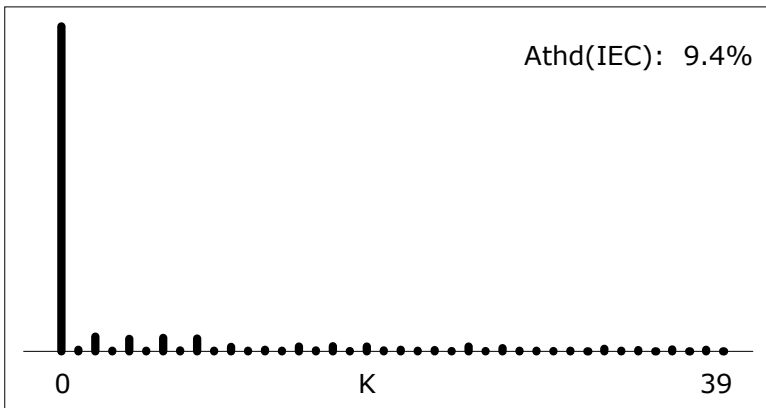
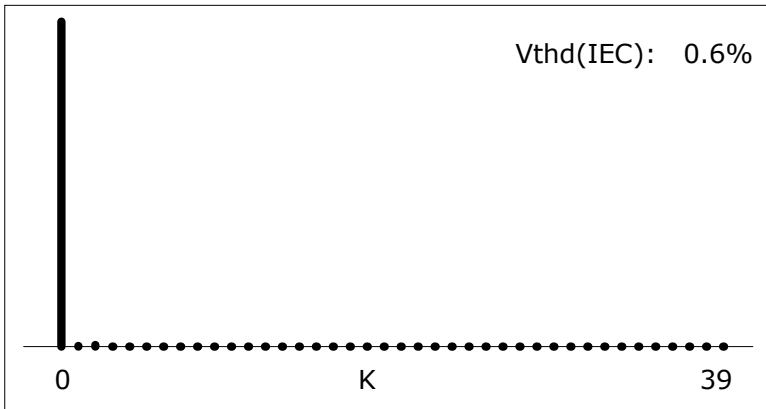


Input Characteristics Test Report [Narrow Band]

Voltage 233.11(V) Current 0.0473(A) Power 10.74(W) Power Factor 0.9730 Frequency 50.00(Hz)



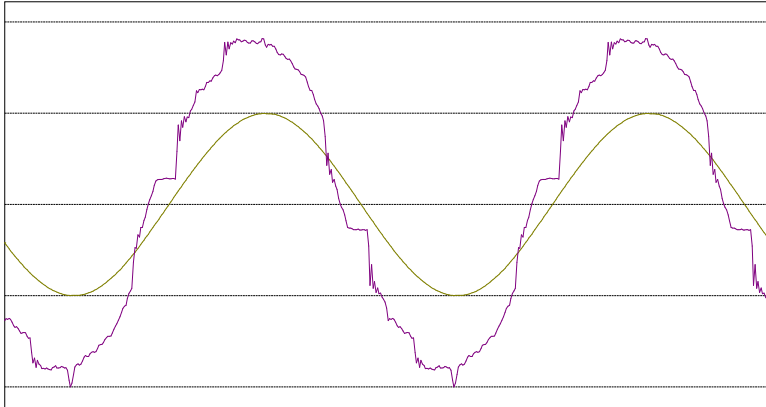
Spectrum(k)	Voltage	Current
0	0.0%	0.2%
1	100.0%	100.0%
2	0.2%	0.5%
3	0.5%	4.5%
4	0.1%	0.2%
5	0.0%	3.9%
6	0.0%	0.3%
7	0.0%	4.2%
8	0.0%	0.4%
9	0.0%	4.0%
10	0.0%	0.3%
11	0.0%	1.4%
12	0.0%	0.3%
13	0.0%	0.5%
14	0.0%	0.2%
15	0.1%	1.5%
16	0.0%	0.3%
17	0.0%	1.6%
18	0.0%	0.2%
19	0.0%	1.5%
20	0.0%	0.3%
21	0.0%	0.6%
22	0.0%	0.2%
23	0.0%	0.4%
24	0.0%	0.2%
25	0.0%	1.5%
26	0.0%	0.2%
27	0.0%	1.0%
28	0.0%	0.2%
29	0.0%	0.3%
30	0.0%	0.2%
31	0.0%	0.3%
32	0.0%	0.0%
33	0.0%	0.8%
34	0.0%	0.2%
35	0.0%	0.4%
36	0.0%	0.1%
37	0.0%	0.7%
38	0.0%	0.1%
39	0.0%	0.5%



Type:LED 0110.W.U241.6.60058.250mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-10-27

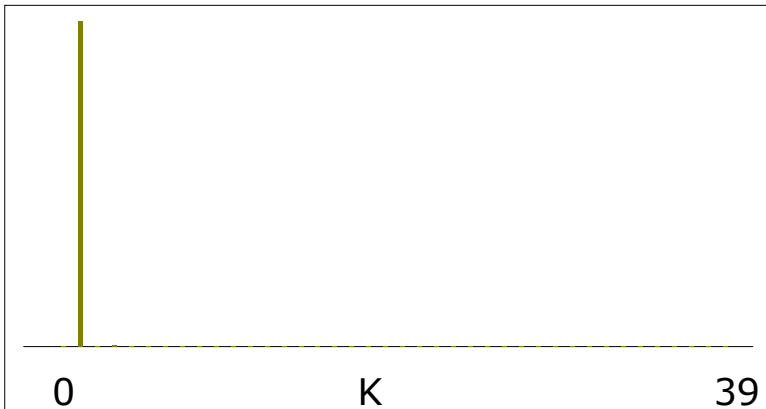
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
233.11(V)	0.0473(A)	10.74(W)	0.9730	50.00(Hz)

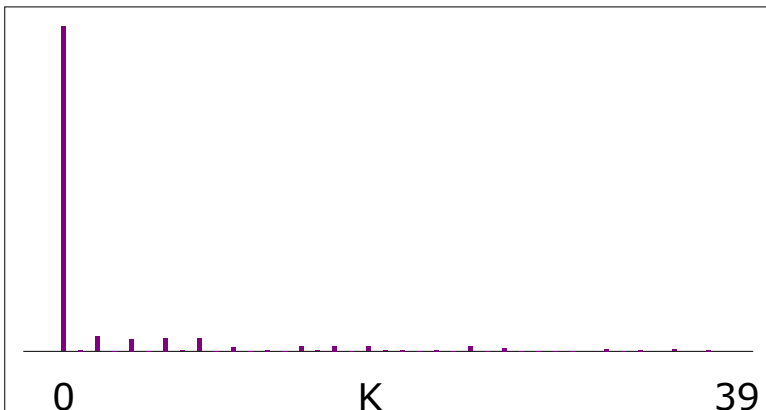


Voltage
Sensitivity: 331.00 V/Div
Peak: 331.00 V

Current
Sensitivity: 0.0358 A
Peak: 0.0716 A
Start Phase: -18.3°
Peak Phase: 87.2°
End Phase: 160.3°



Voltage Spectrum
THD(IEC): 0.57%
H3: 0.51%
H5: 0.02%
H7: 0.02%
H9: 0.01%



Current Spectrum
THD(IEC): 9.4%
H3: 4.54%
H5: 3.91%
H7: 4.18%
H9: 4.03%

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

Voltage: 233.11(V)

VCF: 1.420

Vthd(IEC): 0.57%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.03%	0.06
1	100.00%	233.12
2	0.21%	0.48
3	0.51%	1.18
4	0.08%	0.18
5	0.02%	0.04
6	0.01%	0.01
7	0.02%	0.06
8	0.01%	0.02
9	0.01%	0.03
10	0.01%	0.02
11	0.05%	0.12
12	0.01%	0.02
13	0.02%	0.04
14	0.01%	0.02
15	0.06%	0.14
16	0.01%	0.02
17	0.02%	0.05
18	0.01%	0.01
19	0.02%	0.04
20	0.01%	0.02
21	0.04%	0.08
22	0.01%	0.02
23	0.05%	0.11
24	0.01%	0.02
25	0.03%	0.07
26	0.00%	0.00
27	0.02%	0.05
28	0.01%	0.02
29	0.01%	0.03
30	0.00%	0.00
31	0.01%	0.02
32	0.00%	0.01
33	0.01%	0.02
34	0.00%	0.01
35	0.02%	0.05
36	0.00%	0.00
37	0.01%	0.02
38	0.00%	0.01
39	0.02%	0.04

Current: 0.0473(A)

ACF: 1.513

Athd(IEC): 9.39%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.22%	0.01
1	100.00%	4.39
2	0.55%	0.02
3	4.54%	0.20
4	0.22%	0.01
5	3.91%	0.17
6	0.28%	0.01
7	4.18%	0.18
8	0.35%	0.02
9	4.03%	0.18
10	0.28%	0.01
11	1.42%	0.06
12	0.29%	0.01
13	0.51%	0.02
14	0.23%	0.01
15	1.55%	0.07
16	0.33%	0.01
17	1.59%	0.07
18	0.15%	0.01
19	1.48%	0.07
20	0.32%	0.01
21	0.57%	0.03
22	0.22%	0.01
23	0.44%	0.02
24	0.17%	0.01
25	1.51%	0.07
26	0.16%	0.01
27	1.01%	0.04
28	0.22%	0.01
29	0.29%	0.01
30	0.17%	0.01
31	0.29%	0.01
32	0.04%	0.00
33	0.82%	0.04
34	0.20%	0.01
35	0.41%	0.02
36	0.08%	0.00
37	0.65%	0.03
38	0.10%	0.00
39	0.51%	0.02

Type:LED 0110.W.U241.6.60058.250mA Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

Inspector:

Test Time:2016-10-27

Output

Lamp Voltage(rms):35.65V

Lamp Current(rms):0.2482A

Power:8.85W

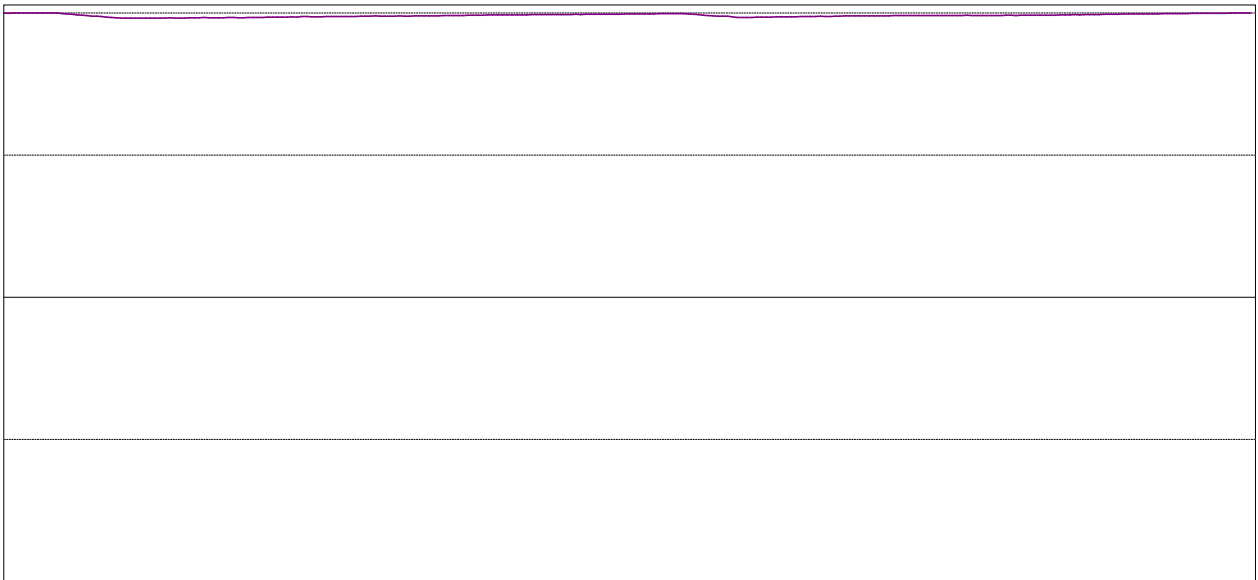
Ripple Current:0.000A

Energy Efficiency:0.824

Lamp Voltage Wave



Lamp Current Wave



Type:LED 0110.W.U241.6.60058.250mA Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

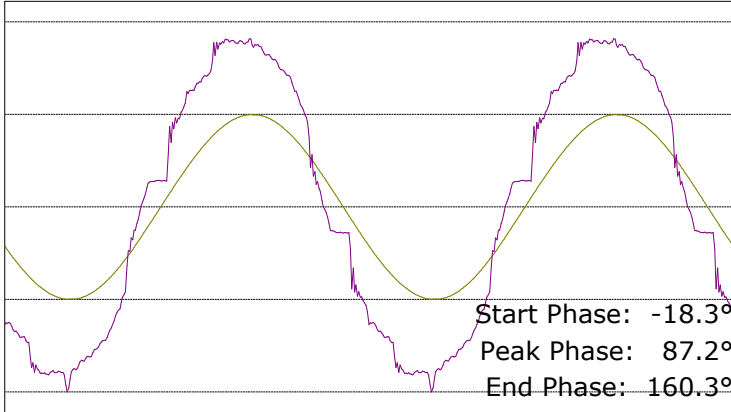
Operator:

Inspector:

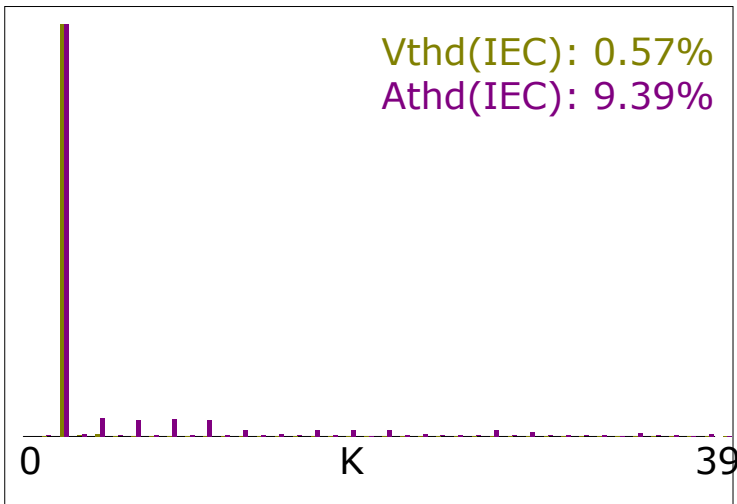
Test Time:2016-10-27

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



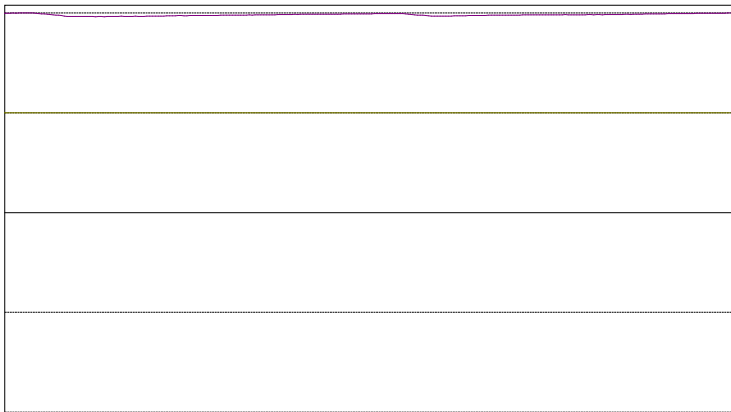
Voltage: 233.110(V)
VCF: 1.420
Vthd(IEC): 0.57%
Current: 0.047(A)
ACF: 1.513
Athd(IEC): 9.39%
Power: 10.7(W)
Power Factor: 0.9730
Frequency: 50.00(Hz)



Voltage Spectrum
H3: 0.51%
H5: 0.02%
H7: 0.02%
H9: 0.01%

Current Spectrum
H3: 4.54%
H5: 3.91%
H7: 4.18%
H9: 4.03%

Output characteristics



Lamp Voltage(rms):35.65V
Lamp Current(rms):0.2482A
Power:8.85W
Ripple Current:0.000A
Energy Efficiency:0.824