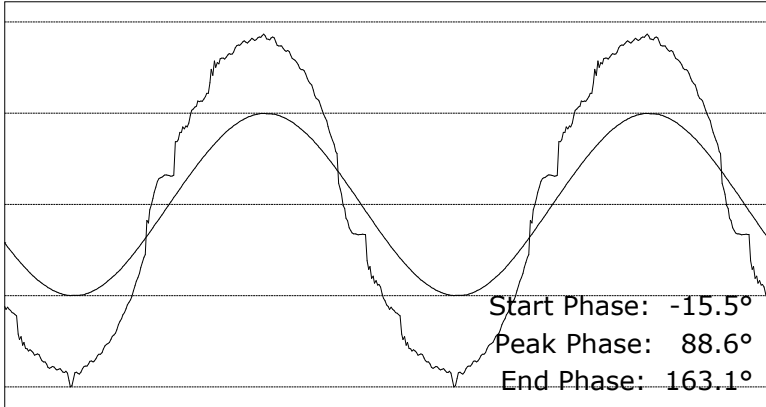
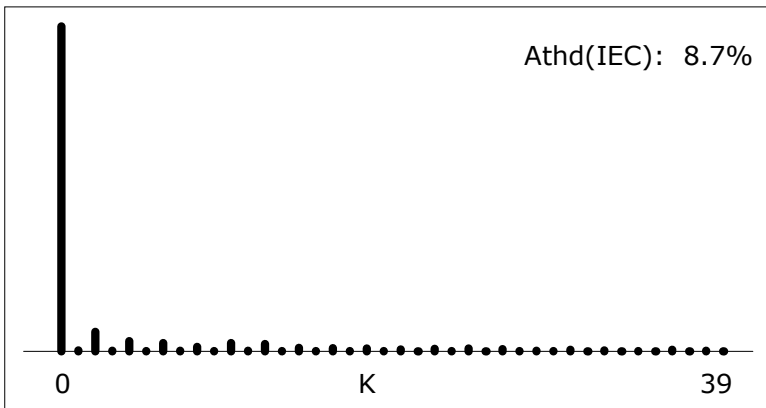
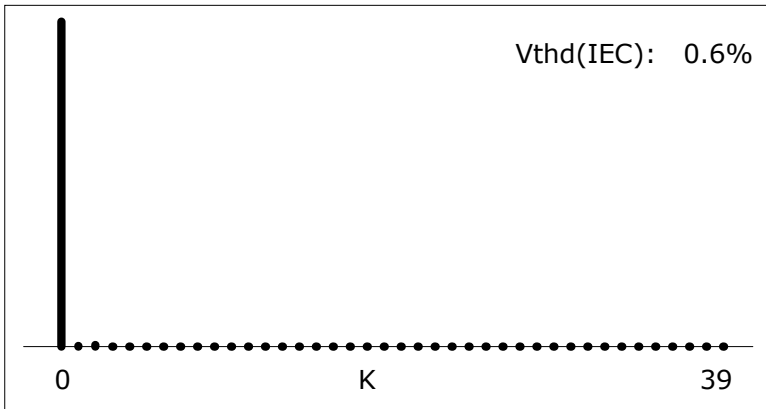


Input Characteristics Test Report [Narrow Band]

Voltage 232.56(V) Current 0.0633(A) Power 14.47(W) Power Factor 0.9828 Frequency 50.00(Hz)



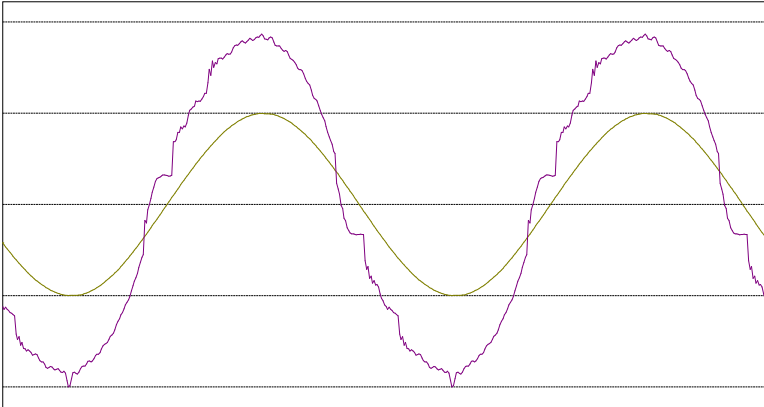
Spectrum(k)	Voltage	Current
0	0.0%	0.7%
1	100.0%	100.0%
2	0.2%	0.4%
3	0.5%	6.0%
4	0.1%	0.2%
5	0.0%	3.2%
6	0.0%	0.2%
7	0.0%	2.6%
8	0.0%	0.2%
9	0.0%	1.4%
10	0.0%	0.1%
11	0.0%	2.6%
12	0.0%	0.3%
13	0.0%	2.3%
14	0.0%	0.2%
15	0.1%	1.1%
16	0.0%	0.2%
17	0.0%	1.1%
18	0.0%	0.1%
19	0.0%	0.9%
20	0.0%	0.1%
21	0.0%	0.7%
22	0.0%	0.1%
23	0.1%	0.8%
24	0.0%	0.1%
25	0.1%	0.9%
26	0.0%	0.1%
27	0.0%	0.7%
28	0.0%	0.1%
29	0.0%	0.2%
30	0.0%	0.1%
31	0.0%	0.5%
32	0.0%	0.0%
33	0.0%	0.3%
34	0.0%	0.1%
35	0.0%	0.2%
36	0.0%	0.0%
37	0.0%	0.6%
38	0.0%	0.1%
39	0.0%	0.2%



Type:LED 0119.W.A311.6.60070.350mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-10

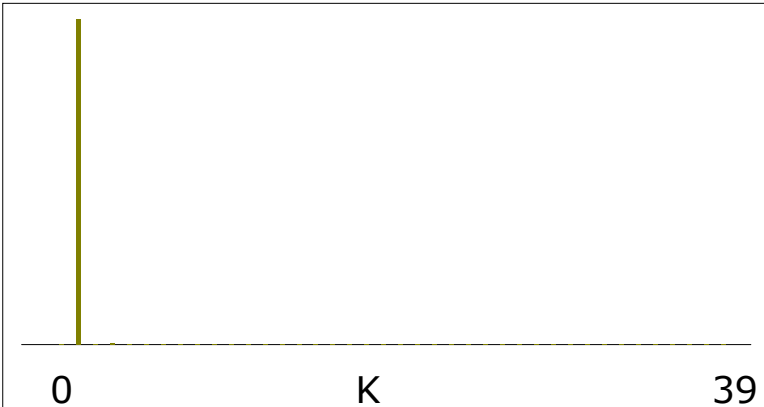
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
232.56(V)	0.0633(A)	14.47(W)	0.9828	50.00(Hz)

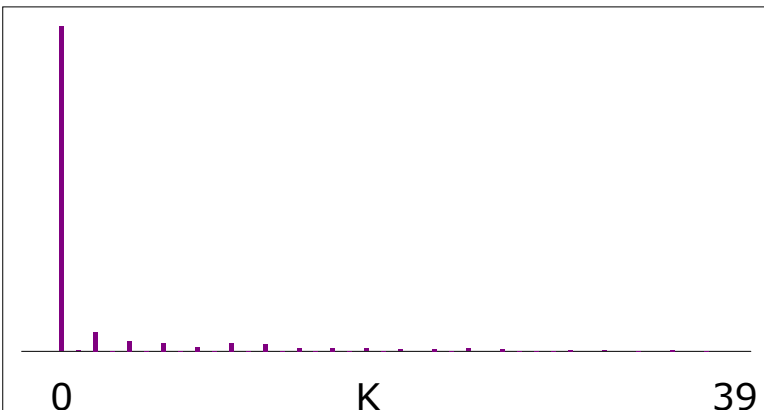


Voltage
Sensitivity: 330.23 V/Div
Peak: 330.23 V

Current
Sensitivity: 0.0468 A
Peak: 0.0936 A
Start Phase: -15.5°
Peak Phase: 88.6°
End Phase: 163.1°



Voltage Spectrum
THD(IEC): 0.60%
H3: 0.54%
H5: 0.01%
H7: 0.05%
H9: 0.01%



Current Spectrum
THD(IEC): 8.7%
H3: 6.04%
H5: 3.22%
H7: 2.61%
H9: 1.44%

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

Voltage: 232.56(V)

VCF: 1.420

Vthd(IEC): 0.60%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.02%	0.05
1	100.00%	232.56
2	0.20%	0.47
3	0.54%	1.25
4	0.08%	0.19
5	0.01%	0.02
6	0.01%	0.02
7	0.05%	0.11
8	0.01%	0.02
9	0.01%	0.02
10	0.01%	0.02
11	0.05%	0.11
12	0.01%	0.02
13	0.04%	0.09
14	0.01%	0.02
15	0.06%	0.14
16	0.01%	0.01
17	0.02%	0.06
18	0.00%	0.01
19	0.01%	0.02
20	0.01%	0.02
21	0.04%	0.10
22	0.01%	0.01
23	0.05%	0.12
24	0.01%	0.02
25	0.05%	0.12
26	0.01%	0.01
27	0.03%	0.08
28	0.01%	0.02
29	0.02%	0.06
30	0.00%	0.01
31	0.01%	0.03
32	0.01%	0.01
33	0.00%	0.01
34	0.00%	0.00
35	0.02%	0.04
36	0.00%	0.01
37	0.01%	0.02
38	0.00%	0.01
39	0.01%	0.02

Current: 0.0633(A)

ACF: 1.478

Athd(IEC): 8.74%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.68%	0.03
1	100.00%	4.36
2	0.36%	0.02
3	6.04%	0.26
4	0.20%	0.01
5	3.22%	0.14
6	0.15%	0.01
7	2.61%	0.11
8	0.21%	0.01
9	1.44%	0.06
10	0.13%	0.01
11	2.63%	0.11
12	0.25%	0.01
13	2.30%	0.10
14	0.16%	0.01
15	1.09%	0.05
16	0.19%	0.01
17	1.06%	0.05
18	0.14%	0.01
19	0.90%	0.04
20	0.14%	0.01
21	0.69%	0.03
22	0.10%	0.00
23	0.79%	0.03
24	0.14%	0.01
25	0.93%	0.04
26	0.05%	0.00
27	0.72%	0.03
28	0.13%	0.01
29	0.25%	0.01
30	0.10%	0.00
31	0.54%	0.02
32	0.00%	0.00
33	0.30%	0.01
34	0.10%	0.00
35	0.17%	0.01
36	0.04%	0.00
37	0.58%	0.03
38	0.10%	0.00
39	0.22%	0.01

Type:LED 0119.W.A311.6.60070.350mA

Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

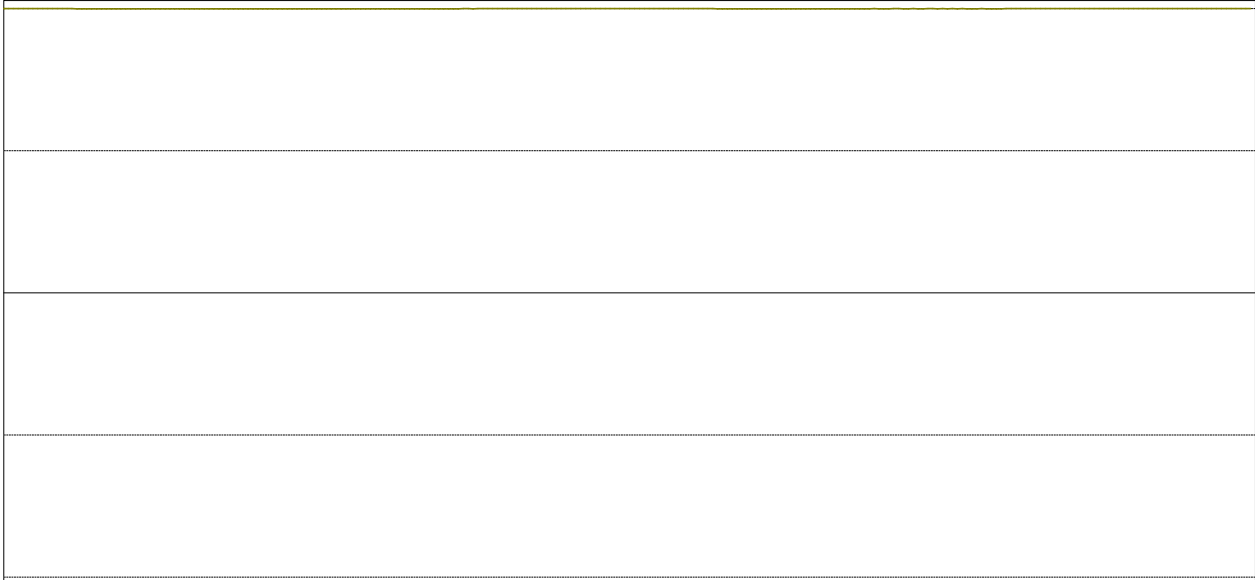
Inspector:

Test Time:2016-11-10

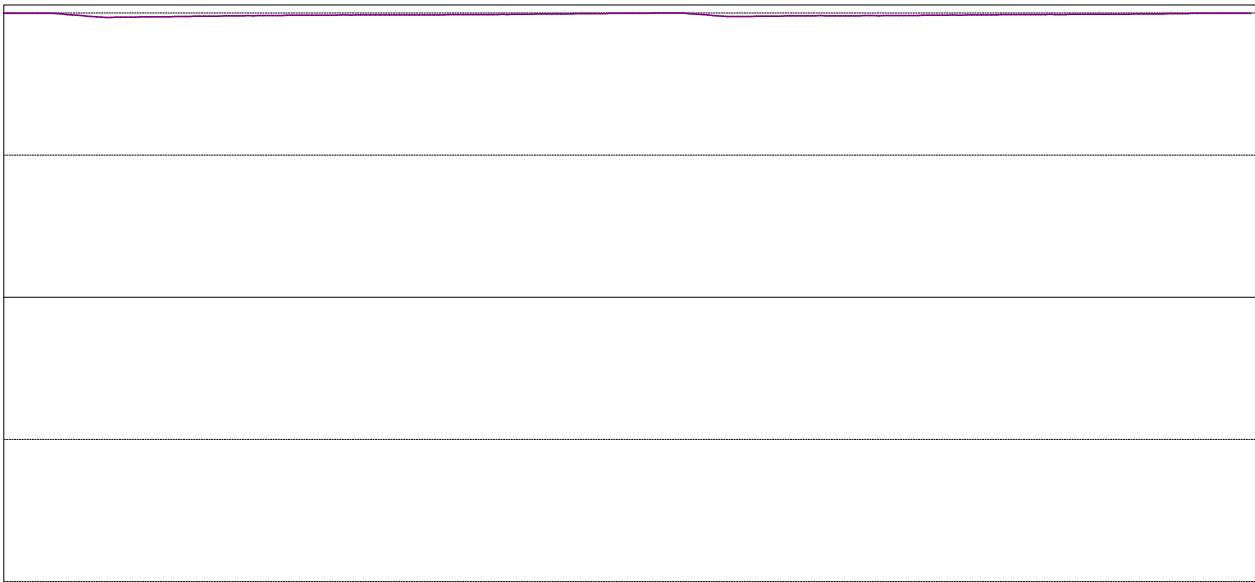
Output

Lamp Voltage(rms):35.38V Lamp Current(rms):0.3474A
Power:12.29W Ripple Current:0.000A Energy Efficiency:0.849

Lamp Voltage Wave



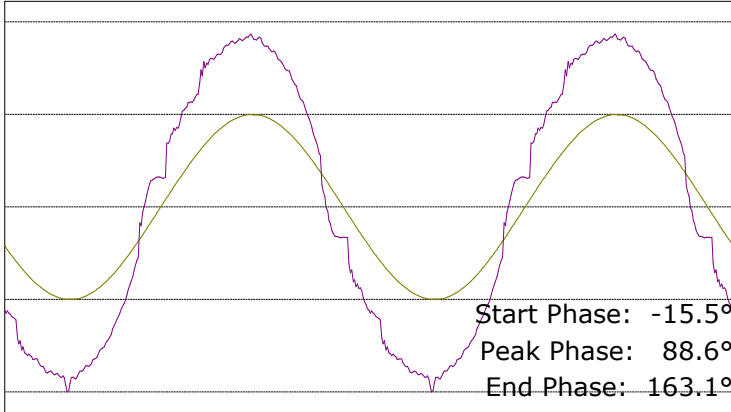
Lamp Current Wave



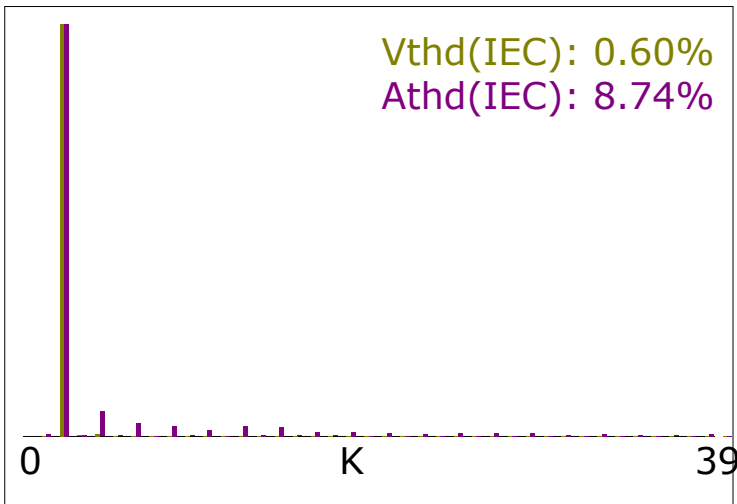
Type:LED 0119.W.A311.6.60070.350mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-10

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



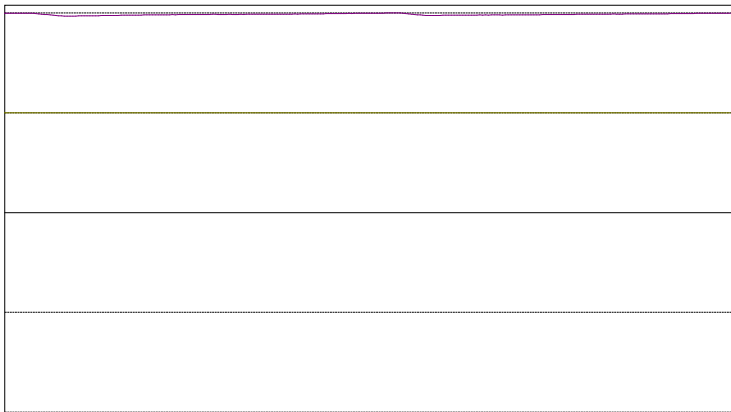
Voltage: 232.556(V)
 VCF: 1.420
 Vthd(IEC): 0.60%
 Current: 0.063(A)
 ACF: 1.478
 Athd(IEC): 8.74%
 Power: 14.5(W)
 Power Factor: 0.9828
 Frequency: 50.00(Hz)



Voltage Spectrum
 H3: 0.54%
 H5: 0.01%
 H7: 0.05%
 H9: 0.01%

Current Spectrum
 H3: 6.04%
 H5: 3.22%
 H7: 2.61%
 H9: 1.44%

Output characteristics



Lamp Voltage(rms):35.38V
 Lamp Current(rms):0.3474A
 Power:12.29W
 Ripple Current:0.000A
 Energy Efficiency:0.849