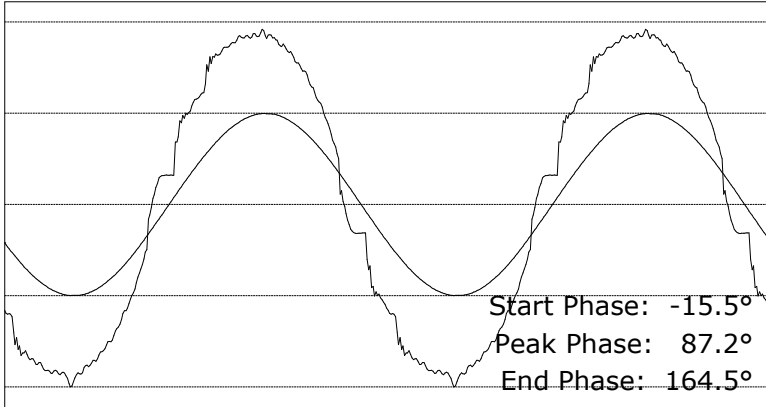
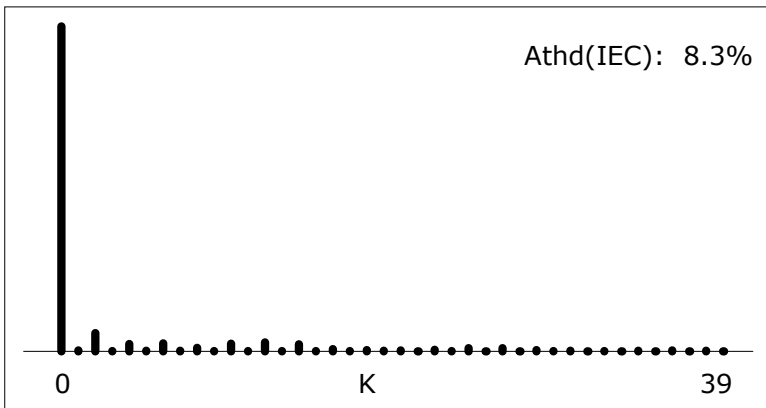
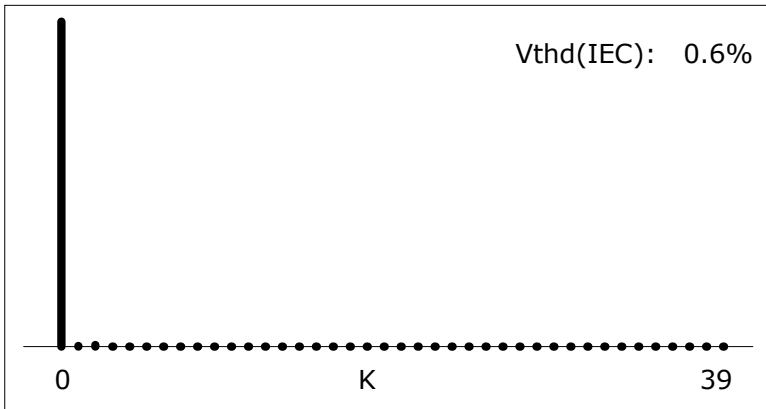


Input Characteristics Test Report [Narrow Band]

Voltage 232.62(V) Current 0.0648(A) Power 14.78(W) Power Factor 0.9807 Frequency 50.00(Hz)



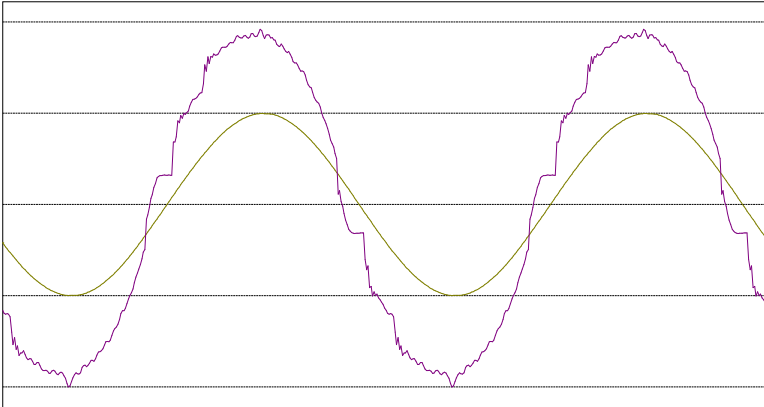
Spectrum(k)	Voltage	Current
0	0.0%	0.1%
1	100.0%	100.0%
2	0.2%	0.3%
3	0.6%	5.7%
4	0.1%	0.2%
5	0.0%	2.3%
6	0.0%	0.2%
7	0.0%	2.5%
8	0.0%	0.2%
9	0.0%	1.1%
10	0.0%	0.2%
11	0.0%	2.4%
12	0.0%	0.2%
13	0.0%	2.8%
14	0.0%	0.2%
15	0.1%	2.2%
16	0.0%	0.2%
17	0.0%	0.7%
18	0.0%	0.1%
19	0.0%	0.5%
20	0.0%	0.3%
21	0.0%	0.4%
22	0.0%	0.0%
23	0.0%	0.5%
24	0.0%	0.2%
25	0.1%	1.0%
26	0.0%	0.1%
27	0.0%	1.0%
28	0.0%	0.1%
29	0.0%	0.4%
30	0.0%	0.1%
31	0.0%	0.3%
32	0.0%	0.0%
33	0.0%	0.1%
34	0.0%	0.1%
35	0.0%	0.3%
36	0.0%	0.0%
37	0.0%	0.4%
38	0.0%	0.0%
39	0.0%	0.3%



Type:LED 0119.W.U341.6.60071.350mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-14

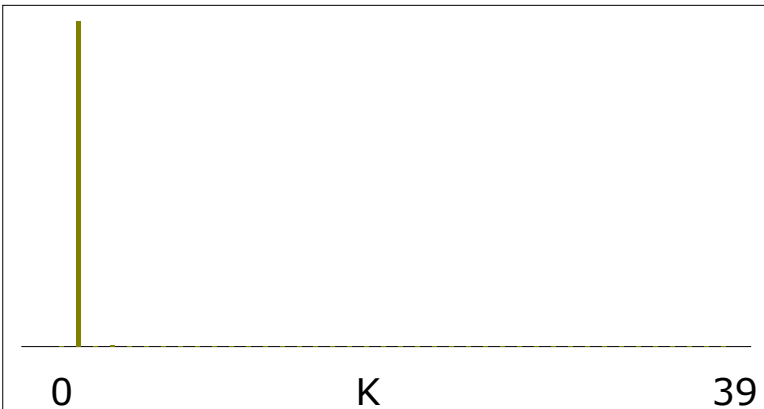
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
232.62(V)	0.0648(A)	14.78(W)	0.9807	50.00(Hz)

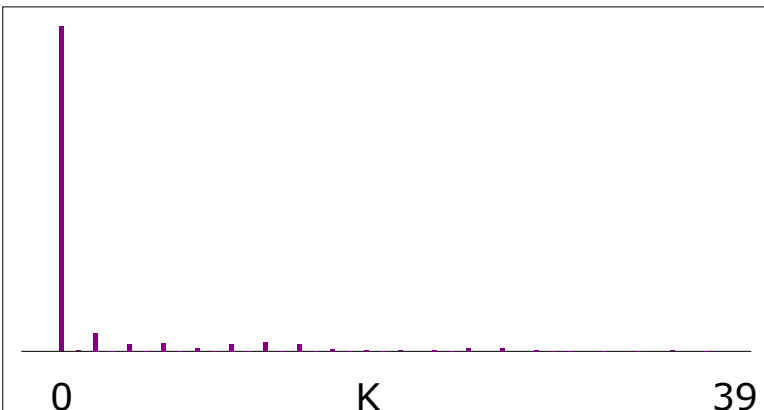


Voltage
Sensitivity: 330.53 V/Div
Peak: 330.53 V

Current
Sensitivity: 0.0463 A
Peak: 0.0926 A
Start Phase: -15.5°
Peak Phase: 87.2°
End Phase: 164.5°



Voltage Spectrum
THD(IEC): 0.61%
H3: 0.55%
H5: 0.02%
H7: 0.04%
H9: 0.02%



Current Spectrum
THD(IEC): 8.3%
H3: 5.66%
H5: 2.31%
H7: 2.46%
H9: 1.11%

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

Voltage: 232.62(V)
 VCF: 1.421
 Vthd(IEC): 0.61%

Current: 0.0648(A)
 ACF: 1.429
 Athd(IEC): 8.30%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.03%	0.07
1	100.00%	232.62
2	0.20%	0.48
3	0.55%	1.29
4	0.08%	0.19
5	0.02%	0.04
6	0.01%	0.02
7	0.04%	0.10
8	0.01%	0.02
9	0.02%	0.04
10	0.01%	0.02
11	0.05%	0.11
12	0.01%	0.02
13	0.04%	0.10
14	0.01%	0.02
15	0.05%	0.12
16	0.01%	0.01
17	0.02%	0.04
18	0.01%	0.02
19	0.01%	0.02
20	0.01%	0.02
21	0.03%	0.08
22	0.01%	0.02
23	0.03%	0.07
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%	0.02
30	0.00%	0.01
31	0.01%	0.02
32	0.01%	0.02
33	0.02%	0.04
34	0.00%	0.00
35	0.01%	0.02
36	0.00%	0.01
37	0.00%	0.01
38	0.00%	0.01
39	0.02%	0.04

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.14%	0.01
1	100.00%	4.36
2	0.33%	0.01
3	5.66%	0.25
4	0.18%	0.01
5	2.31%	0.10
6	0.22%	0.01
7	2.46%	0.11
8	0.20%	0.01
9	1.11%	0.05
10	0.17%	0.01
11	2.38%	0.10
12	0.16%	0.01
13	2.79%	0.12
14	0.17%	0.01
15	2.19%	0.10
16	0.16%	0.01
17	0.69%	0.03
18	0.10%	0.00
19	0.49%	0.02
20	0.25%	0.01
21	0.39%	0.02
22	0.04%	0.00
23	0.53%	0.02
24	0.16%	0.01
25	1.03%	0.04
26	0.07%	0.00
27	1.01%	0.04
28	0.07%	0.00
29	0.42%	0.02
30	0.10%	0.00
31	0.28%	0.01
32	0.05%	0.00
33	0.11%	0.00
34	0.09%	0.00
35	0.29%	0.01
36	0.02%	0.00
37	0.38%	0.02
38	0.05%	0.00
39	0.25%	0.01

Type:LED 0119.W.U341.6.60071.350mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-14

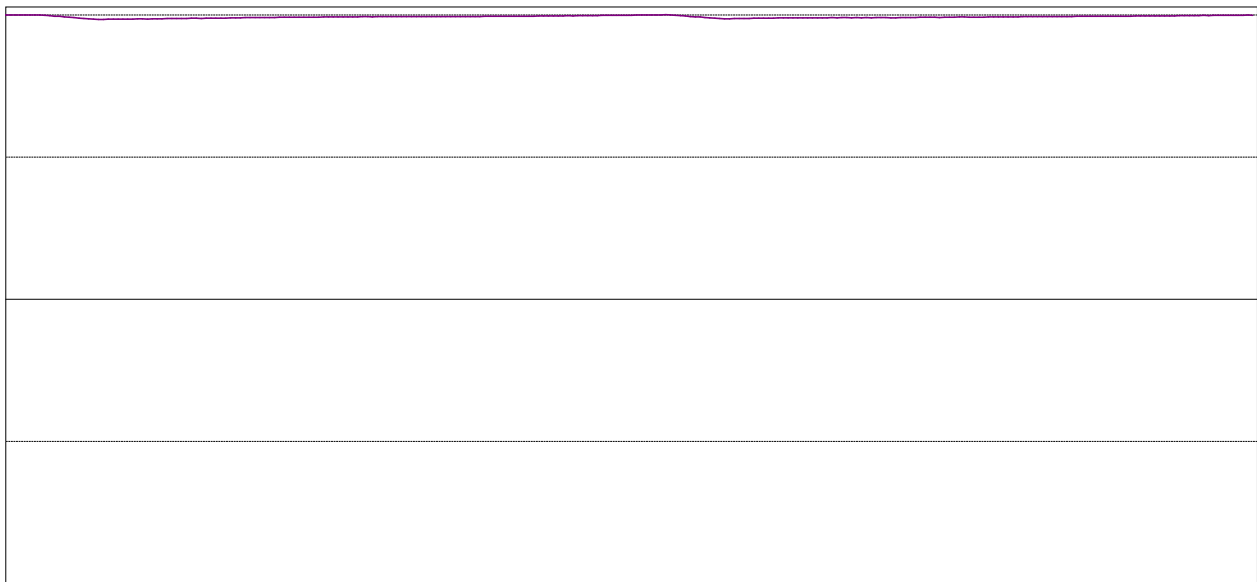
Output

Lamp Voltage(rms):36.47V Lamp Current(rms):0.3469A
Power:12.65W Ripple Current:0.000A Energy Efficiency:0.856

Lamp Voltage Wave



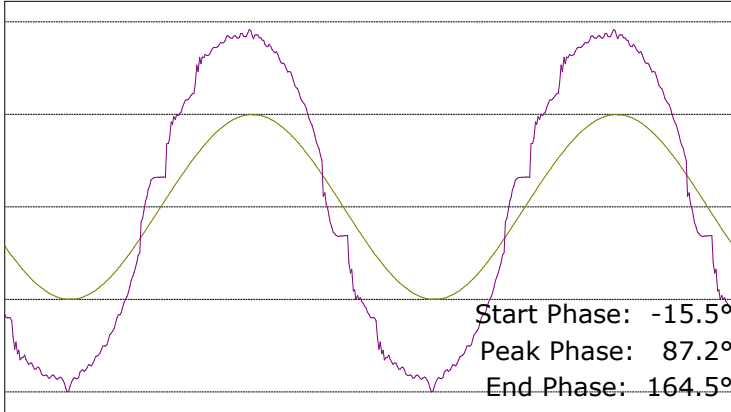
Lamp Current Wave



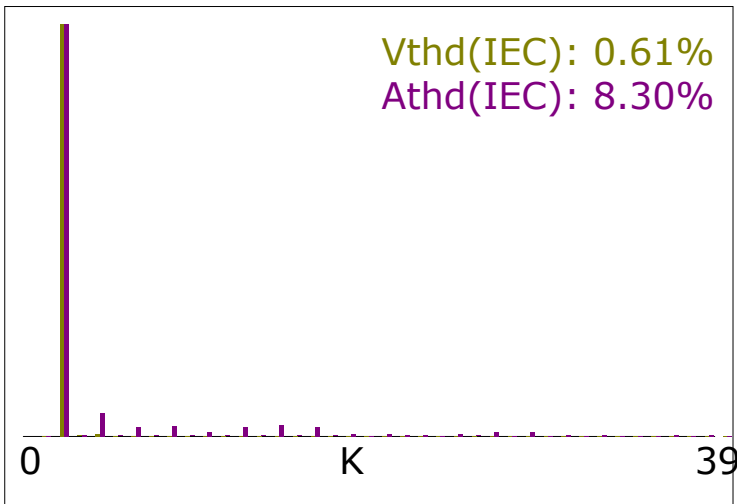
Type:LED 0119.W.U341.6.60071.350mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-14

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



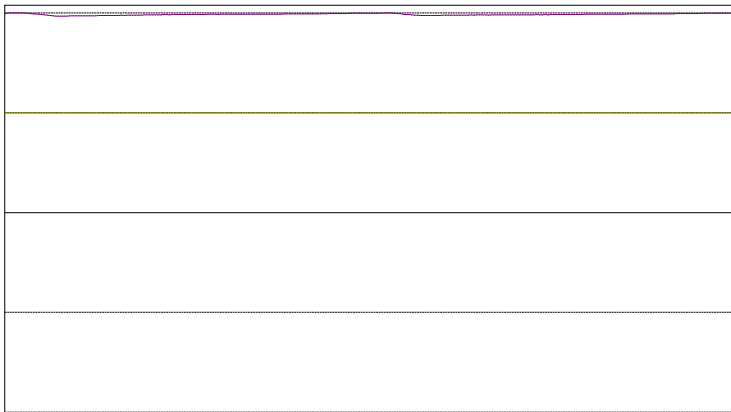
Voltage: 232.624(V)
VCF: 1.421
Vthd(IEC): 0.61%
Current: 0.065(A)
ACF: 1.429
Athd(IEC): 8.30%
Power: 14.8(W)
Power Factor: 0.9807
Frequency: 50.00(Hz)



Voltage Spectrum
H3: 0.55%
H5: 0.02%
H7: 0.04%
H9: 0.02%

Current Spectrum
H3: 5.66%
H5: 2.31%
H7: 2.46%
H9: 1.11%

Output characteristics



Lamp Voltage(rms):36.47V
Lamp Current(rms):0.3469A
Power:12.65W
Ripple Current:0.000A
Energy Efficiency:0.856