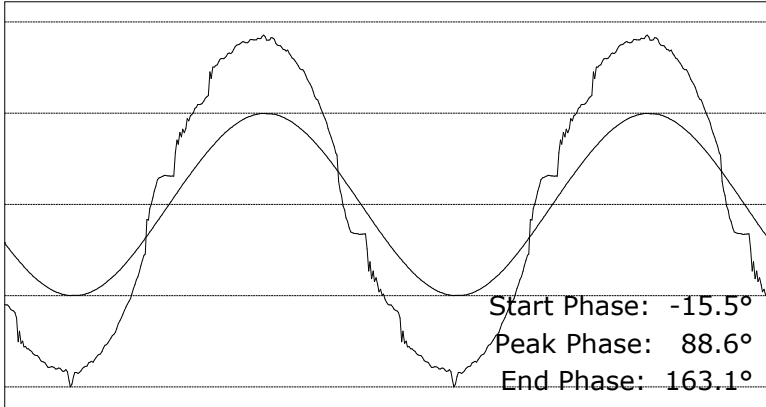
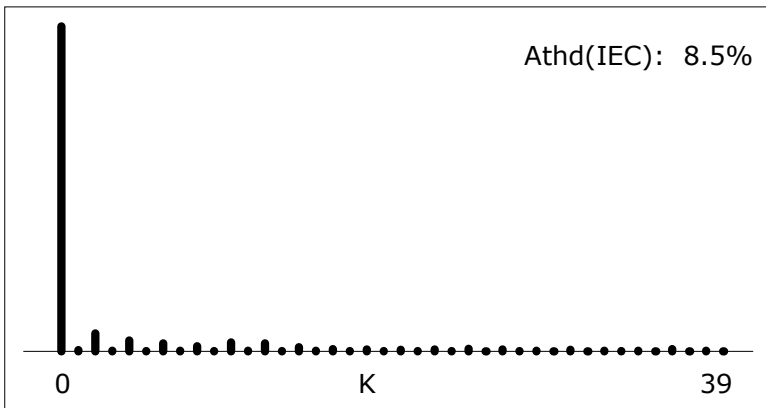
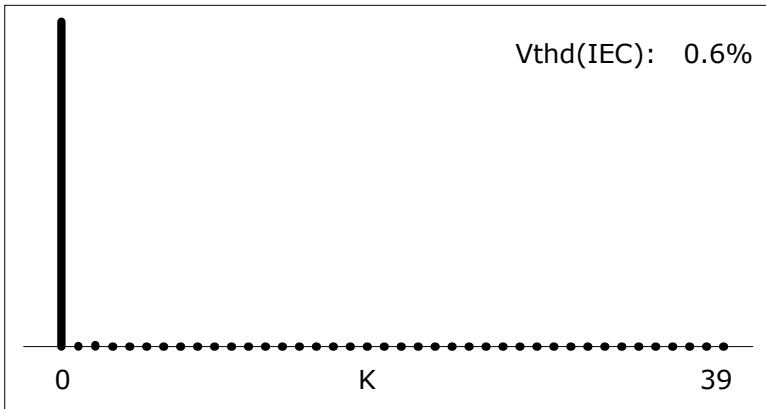


Input Characteristics Test Report [Narrow Band]

Voltage 232.51(V) Current 0.0653(A) Power 14.93(W) Power Factor 0.9830 Frequency 50.00(Hz)



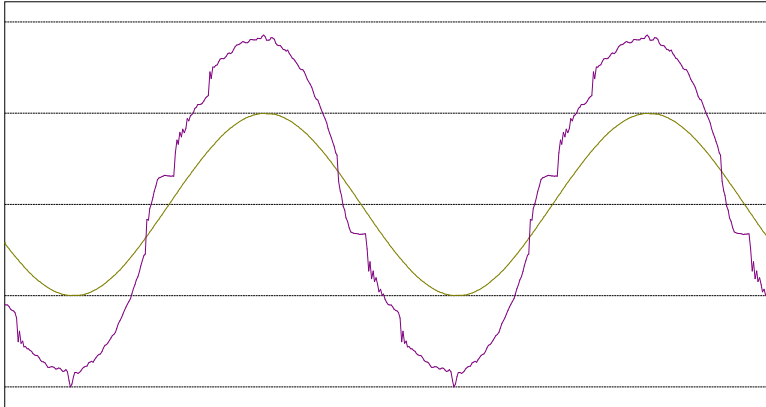
Spectrum(k)	Voltage	Current
0	0.0%	0.6%
1	100.0%	100.0%
2	0.2%	0.4%
3	0.5%	5.6%
4	0.1%	0.2%
5	0.0%	3.4%
6	0.0%	0.2%
7	0.1%	2.6%
8	0.0%	0.2%
9	0.0%	1.6%
10	0.0%	0.1%
11	0.0%	2.8%
12	0.0%	0.2%
13	0.0%	2.5%
14	0.0%	0.2%
15	0.1%	1.3%
16	0.0%	0.2%
17	0.0%	0.7%
18	0.0%	0.1%
19	0.0%	0.6%
20	0.0%	0.2%
21	0.0%	0.5%
22	0.0%	0.1%
23	0.0%	0.7%
24	0.0%	0.2%
25	0.0%	0.8%
26	0.0%	0.1%
27	0.0%	0.6%
28	0.0%	0.1%
29	0.0%	0.2%
30	0.0%	0.1%
31	0.0%	0.6%
32	0.0%	0.0%
33	0.0%	0.3%
34	0.0%	0.1%
35	0.0%	0.3%
36	0.0%	0.0%
37	0.0%	0.7%
38	0.0%	0.1%
39	0.0%	0.3%



Type:LED 0114.W.U341.6.60067.350mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-09

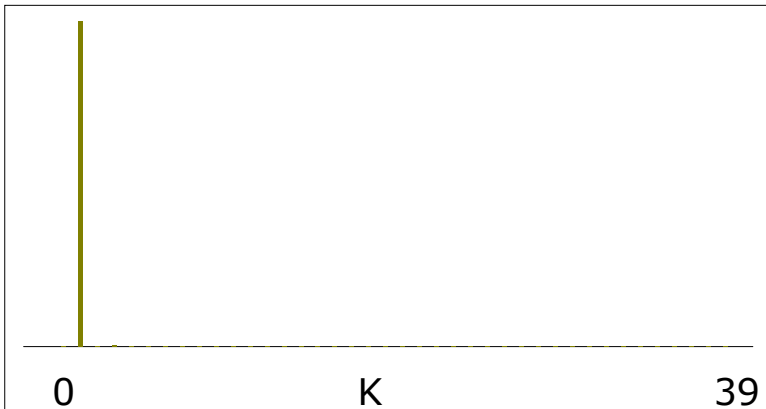
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
232.51(V)	0.0653(A)	14.93(W)	0.9830	50.00(Hz)

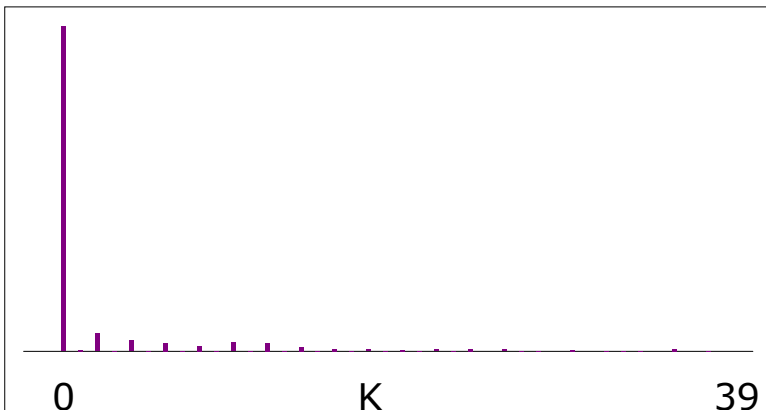


Voltage
Sensitivity: 329.98 V/Div
Peak: 329.98 V

Current
Sensitivity: 0.0484 A
Peak: 0.0969 A
Start Phase: -15.5°
Peak Phase: 88.6°
End Phase: 163.1°



Voltage Spectrum
THD(IEC): 0.57%
H3: 0.50%
H5: 0.01%
H7: 0.06%
H9: 0.00%



Current Spectrum
THD(IEC): 8.5%
H3: 5.59%
H5: 3.38%
H7: 2.56%
H9: 1.58%

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

Voltage: 232.51(V)

VCF: 1.419

Vthd(IEC): 0.57%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.02%	0.06
1	100.00%	232.51
2	0.21%	0.48
3	0.50%	1.16
4	0.08%	0.19
5	0.01%	0.03
6	0.01%	0.02
7	0.06%	0.14
8	0.01%	0.02
9	0.00%	0.01
10	0.01%	0.02
11	0.04%	0.10
12	0.01%	0.02
13	0.05%	0.11
14	0.01%	0.02
15	0.06%	0.13
16	0.01%	0.02
17	0.03%	0.07
18	0.00%	0.01
19	0.01%	0.03
20	0.01%	0.02
21	0.04%	0.09
22	0.00%	0.01
23	0.04%	0.10
24	0.01%	0.03
25	0.05%	0.11
26	0.01%	0.02
27	0.03%	0.07
28	0.01%	0.02
29	0.03%	0.06
30	0.00%	0.00
31	0.01%	0.03
32	0.01%	0.01
33	0.01%	0.02
34	0.00%	0.00
35	0.02%	0.05
36	0.00%	0.01
37	0.01%	0.03
38	0.00%	0.00
39	0.02%	0.04

Current: 0.0653(A)

ACF: 1.483

Athd(IEC): 8.53%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.65%	0.03
1	100.00%	4.36
2	0.39%	0.02
3	5.59%	0.24
4	0.25%	0.01
5	3.38%	0.15
6	0.19%	0.01
7	2.56%	0.11
8	0.21%	0.01
9	1.58%	0.07
10	0.11%	0.00
11	2.76%	0.12
12	0.25%	0.01
13	2.47%	0.11
14	0.18%	0.01
15	1.29%	0.06
16	0.21%	0.01
17	0.73%	0.03
18	0.11%	0.00
19	0.63%	0.03
20	0.19%	0.01
21	0.52%	0.02
22	0.14%	0.01
23	0.67%	0.03
24	0.19%	0.01
25	0.85%	0.04
26	0.09%	0.00
27	0.62%	0.03
28	0.13%	0.01
29	0.20%	0.01
30	0.08%	0.00
31	0.58%	0.03
32	0.05%	0.00
33	0.27%	0.01
34	0.11%	0.00
35	0.28%	0.01
36	0.01%	0.00
37	0.72%	0.03
38	0.09%	0.00
39	0.28%	0.01

Type:LED 0114.W.U341.6.60067.350mA Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

Inspector:

Test Time:2016-11-09

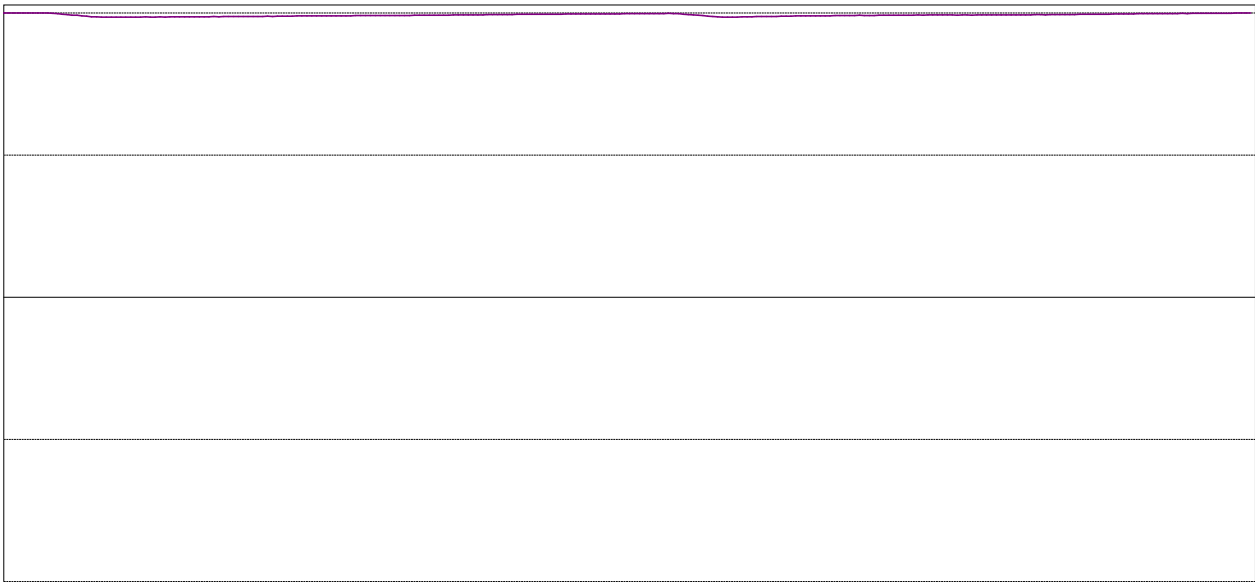
Output

Lamp Voltage(rms):36.99V Lamp Current(rms):0.3453A
Power:12.77W Ripple Current:0.000A Energy Efficiency:0.856

Lamp Voltage Wave



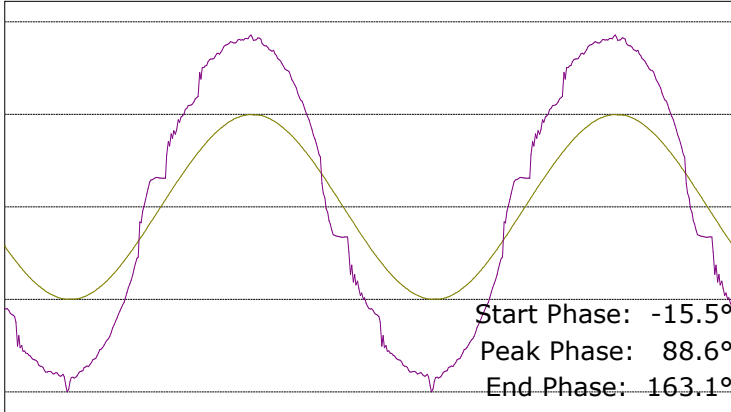
Lamp Current Wave



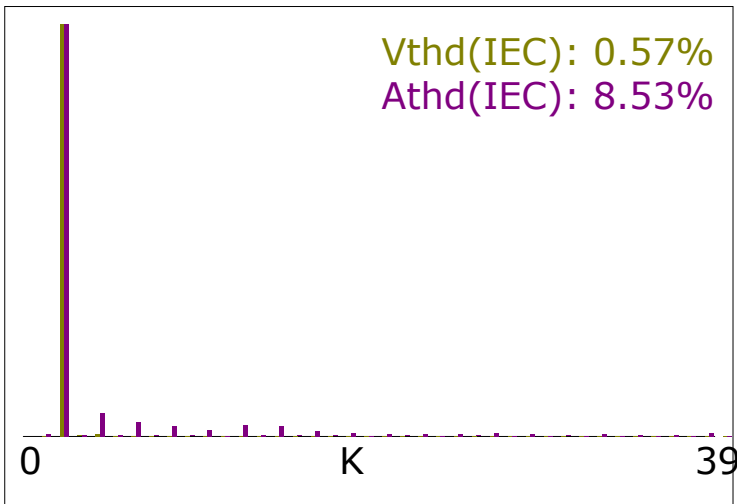
Type:LED 0114.W.U341.6.60067.350mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-09

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



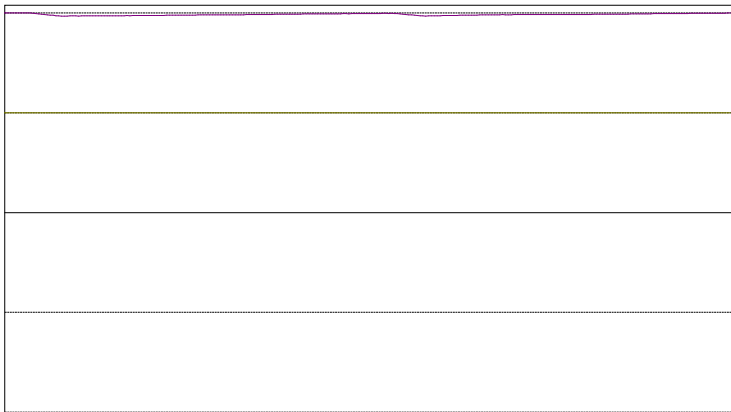
Voltage: 232.505(V)
VCF: 1.419
Vthd(IEC): 0.57%
Current: 0.065(A)
ACF: 1.483
Athd(IEC): 8.53%
Power: 14.9(W)
Power Factor: 0.9830
Frequency: 50.00(Hz)



Voltage Spectrum
H3: 0.50%
H5: 0.01%
H7: 0.06%
H9: 0.00%

Current Spectrum
H3: 5.59%
H5: 3.38%
H7: 2.56%
H9: 1.58%

Output characteristics



Lamp Voltage(rms):36.99V
Lamp Current(rms):0.3453A
Power:12.77W
Ripple Current:0.000A
Energy Efficiency:0.856