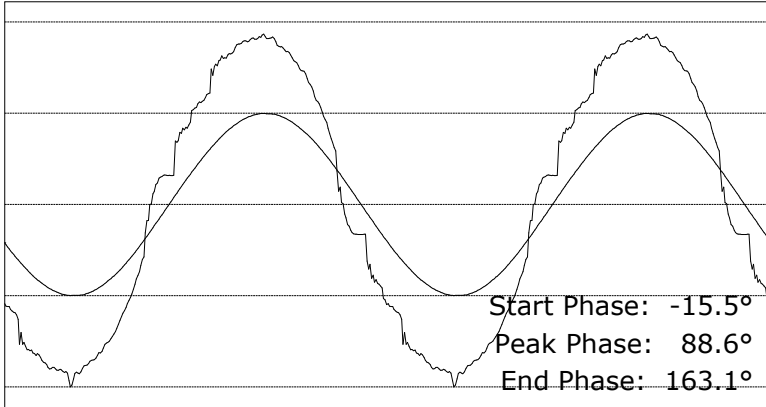
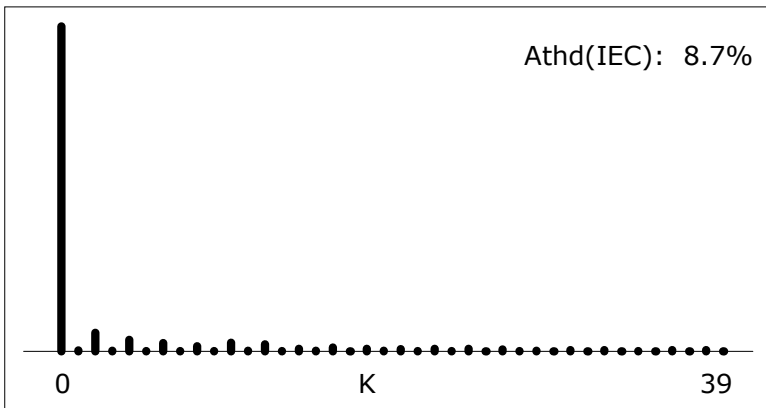
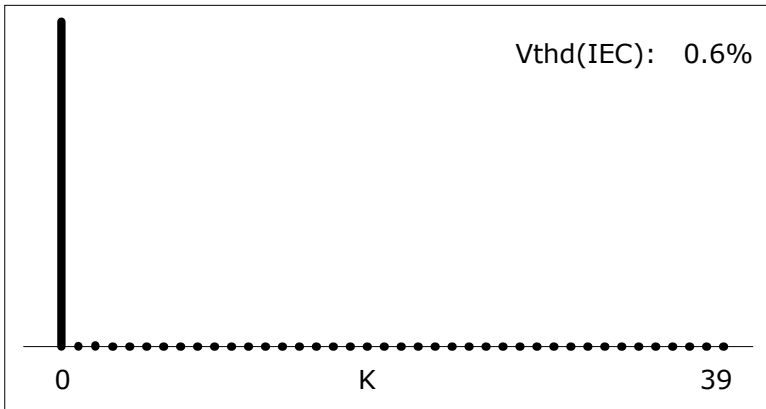


Input Characteristics Test Report [Narrow Band]

Voltage 233.02(V) Current 0.0642(A) Power 14.70(W) Power Factor 0.9826 Frequency 50.00(Hz)



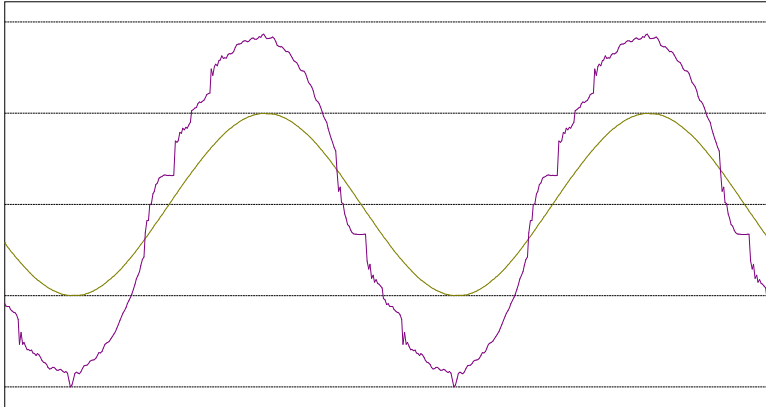
Spectrum(k)	Voltage	Current
0	0.0%	0.5%
1	100.0%	100.0%
2	0.2%	0.3%
3	0.5%	5.8%
4	0.1%	0.2%
5	0.1%	3.6%
6	0.0%	0.2%
7	0.0%	2.6%
8	0.0%	0.2%
9	0.0%	1.6%
10	0.0%	0.2%
11	0.1%	2.7%
12	0.0%	0.2%
13	0.0%	2.2%
14	0.0%	0.2%
15	0.1%	0.8%
16	0.0%	0.2%
17	0.0%	1.2%
18	0.0%	0.1%
19	0.0%	0.8%
20	0.0%	0.2%
21	0.0%	0.8%
22	0.0%	0.1%
23	0.1%	0.9%
24	0.0%	0.2%
25	0.0%	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%	0.4%
32	0.0%	0.1%
33	0.0%	0.5%
34	0.0%	0.1%
35	0.0%	0.2%
36	0.0%	0.0%
37	0.0%	0.4%
38	0.0%	0.1%
39	0.0%	0.4%



Type:LED 0114.W.A311.6.60065.350mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-07

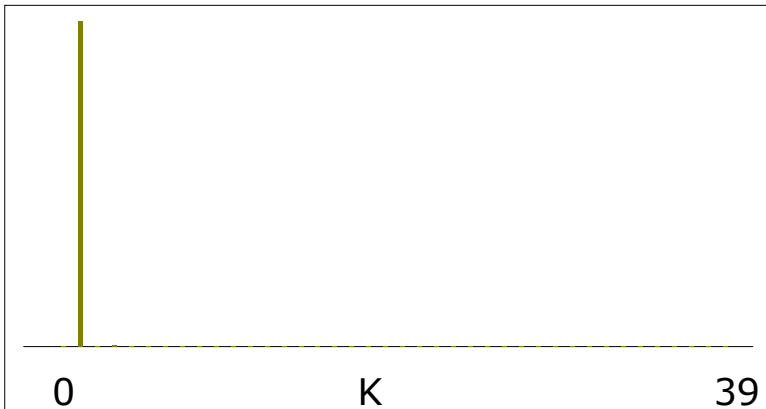
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
233.02(V)	0.0642(A)	14.70(W)	0.9826	50.00(Hz)

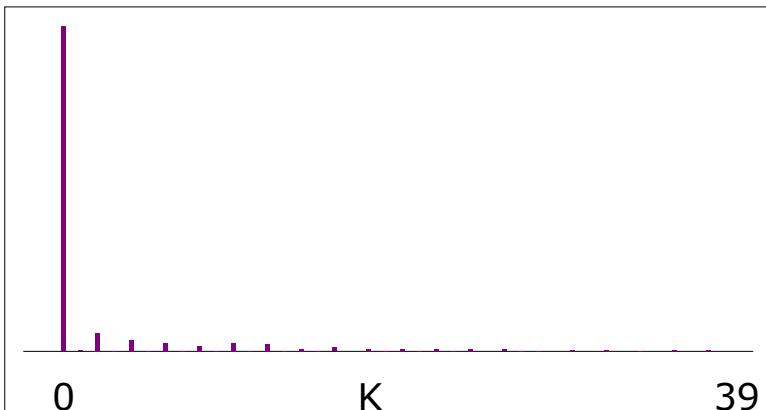


Voltage
Sensitivity: 330.74 V/Div
Peak: 330.74 V

Current
Sensitivity: 0.0476 A
Peak: 0.0953 A
Start Phase: -15.5°
Peak Phase: 88.6°
End Phase: 163.1°



Voltage Spectrum
THD(IEC): 0.55%
H3: 0.48%
H5: 0.05%
H7: 0.02%
H9: 0.02%



Current Spectrum
THD(IEC): 8.7%
H3: 5.78%
H5: 3.56%
H7: 2.57%
H9: 1.59%

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

Voltage: 233.02(V)

VCF: 1.419

Vthd(IEC): 0.55%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.02%	0.06
1	100.00%	233.02
2	0.21%	0.49
3	0.48%	1.11
4	0.08%	0.19
5	0.05%	0.12
6	0.01%	0.02
7	0.02%	0.05
8	0.01%	0.02
9	0.02%	0.05
10	0.01%	0.02
11	0.06%	0.13
12	0.01%	0.02
13	0.05%	0.11
14	0.01%	0.03
15	0.06%	0.14
16	0.01%	0.01
17	0.03%	0.08
18	0.00%	0.01
19	0.01%	0.01
20	0.01%	0.02
21	0.05%	0.11
22	0.00%	0.01
23	0.05%	0.12
24	0.01%	0.03
25	0.05%	0.11
26	0.00%	0.01
27	0.03%	0.08
28	0.01%	0.02
29	0.03%	0.06
30	0.00%	0.00
31	0.01%	0.03
32	0.00%	0.01
33	0.00%	0.01
34	0.00%	0.00
35	0.02%	0.04
36	0.00%	0.01
37	0.00%	0.01
38	0.00%	0.00
39	0.01%	0.03

Current: 0.0642(A)

ACF: 1.484

Athd(IEC): 8.69%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.51%	0.02
1	100.00%	4.35
2	0.32%	0.01
3	5.78%	0.25
4	0.21%	0.01
5	3.56%	0.15
6	0.19%	0.01
7	2.57%	0.11
8	0.19%	0.01
9	1.59%	0.07
10	0.16%	0.01
11	2.68%	0.12
12	0.22%	0.01
13	2.23%	0.10
14	0.17%	0.01
15	0.79%	0.03
16	0.22%	0.01
17	1.19%	0.05
18	0.10%	0.00
19	0.82%	0.04
20	0.20%	0.01
21	0.78%	0.03
22	0.13%	0.01
23	0.89%	0.04
24	0.16%	0.01
25	0.87%	0.04
26	0.08%	0.00
27	0.67%	0.03
28	0.12%	0.01
29	0.22%	0.01
30	0.09%	0.00
31	0.39%	0.02
32	0.05%	0.00
33	0.45%	0.02
34	0.09%	0.00
35	0.20%	0.01
36	0.03%	0.00
37	0.44%	0.02
38	0.08%	0.00
39	0.40%	0.02

Type:LED 0114.W.A311.6.60065.350mA

Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

Inspector:

Test Time:2016-11-07

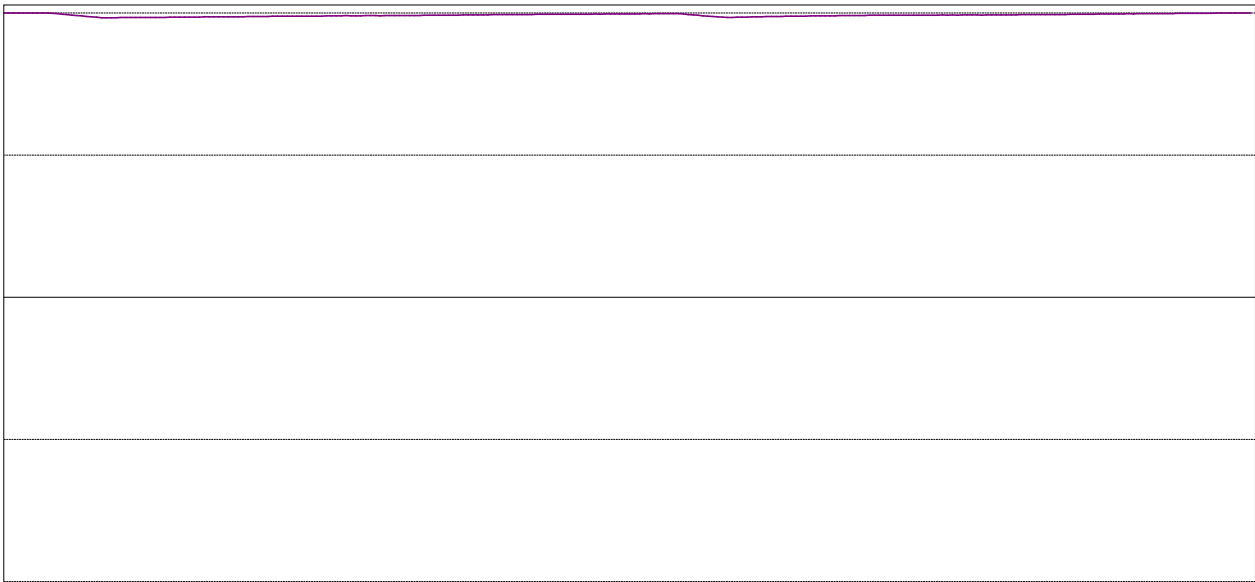
Output

Lamp Voltage(rms):35.74V Lamp Current(rms):0.3487A
Power:12.46W Ripple Current:0.000A Energy Efficiency:0.847

Lamp Voltage Wave



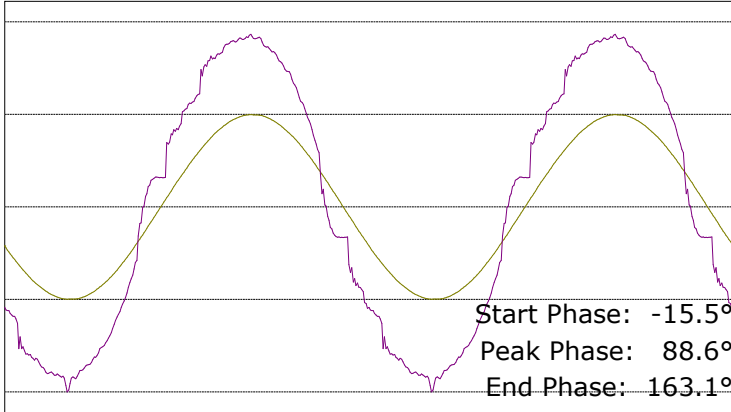
Lamp Current Wave



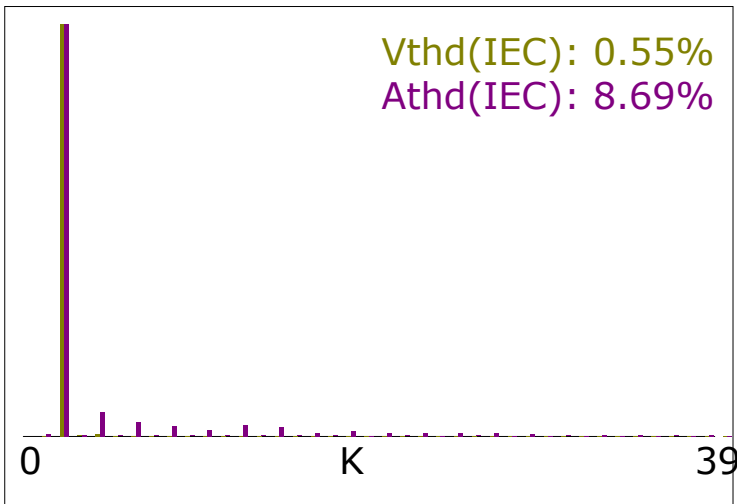
Type:LED 0114.W.A311.6.60065.350mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-07

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



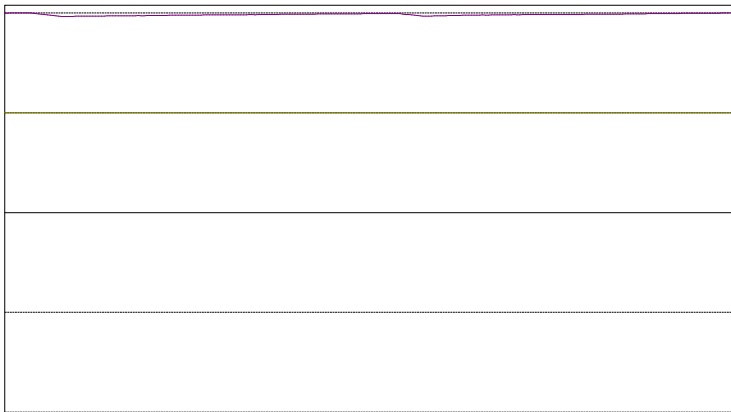
Voltage: 233.020(V)
 VCF: 1.419
 Vthd(IEC): 0.55%
 Current: 0.064(A)
 ACF: 1.484
 Athd(IEC): 8.69%
 Power: 14.7(W)
 Power Factor: 0.9826
 Frequency: 50.00(Hz)



Voltage Spectrum
 H3: 0.48%
 H5: 0.05%
 H7: 0.02%
 H9: 0.02%

Current Spectrum
 H3: 5.78%
 H5: 3.56%
 H7: 2.57%
 H9: 1.59%

Output characteristics



Lamp Voltage(rms):35.74V
 Lamp Current(rms):0.3487A
 Power:12.46W
 Ripple Current:0.000A
 Energy Efficiency:0.847