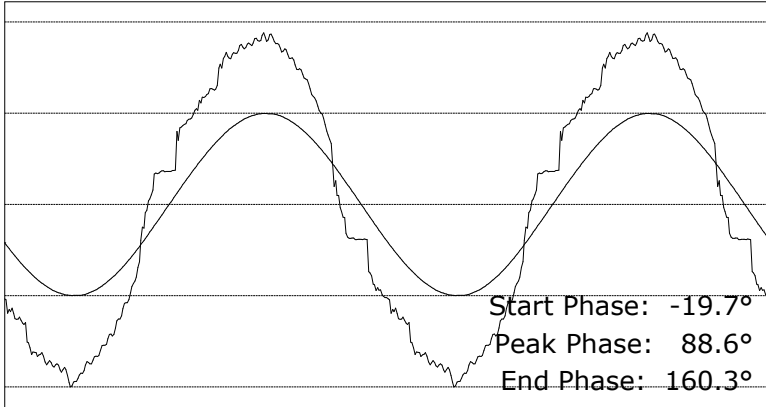
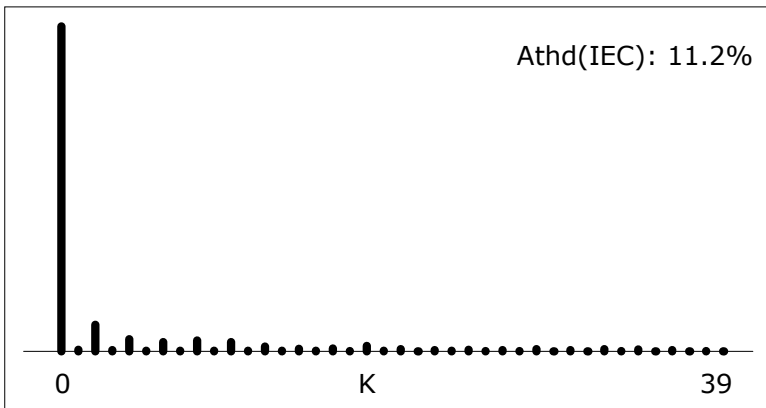
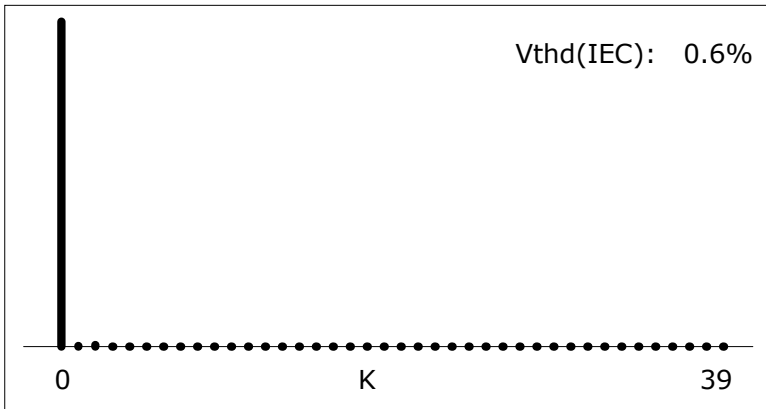


Input Characteristics Test Report [Narrow Band]

Voltage 229.39(V) Current 0.0551(A) Power 12.33(W) Power Factor 0.9760 Frequency 50.00(Hz)



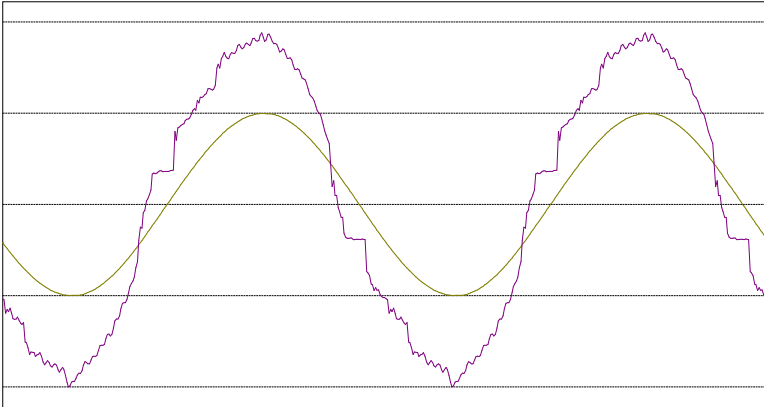
Spectrum(k)	Voltage	Current
0	0.0%	1.1%
1	100.0%	100.0%
2	0.2%	0.5%
3	0.5%	8.2%
4	0.1%	0.5%
5	0.0%	3.8%
6	0.0%	0.2%
7	0.1%	2.9%
8	0.0%	0.3%
9	0.0%	3.4%
10	0.0%	0.3%
11	0.0%	3.0%
12	0.0%	0.2%
13	0.0%	1.5%
14	0.0%	0.3%
15	0.1%	0.8%
16	0.0%	0.3%
17	0.0%	0.9%
18	0.0%	0.2%
19	0.0%	1.7%
20	0.0%	0.3%
21	0.0%	0.8%
22	0.0%	0.1%
23	0.0%	0.4%
24	0.0%	0.2%
25	0.1%	0.5%
26	0.0%	0.1%
27	0.0%	0.4%
28	0.0%	0.1%
29	0.0%	0.7%
30	0.0%	0.1%
31	0.0%	0.4%
32	0.0%	0.1%
33	0.0%	0.7%
34	0.0%	0.1%
35	0.0%	0.6%
36	0.0%	0.1%
37	0.0%	0.5%
38	0.0%	0.1%
39	0.0%	0.2%



Type:LED 0401.W.H341.6.60026.300mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-10-18

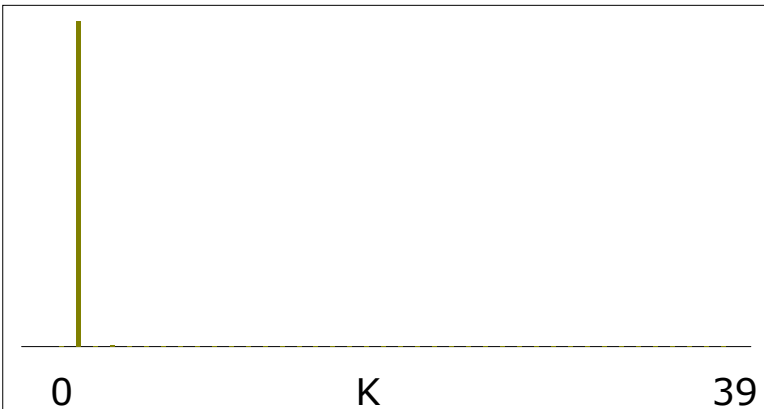
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
229.39(V)	0.0551(A)	12.33(W)	0.9760	50.00(Hz)

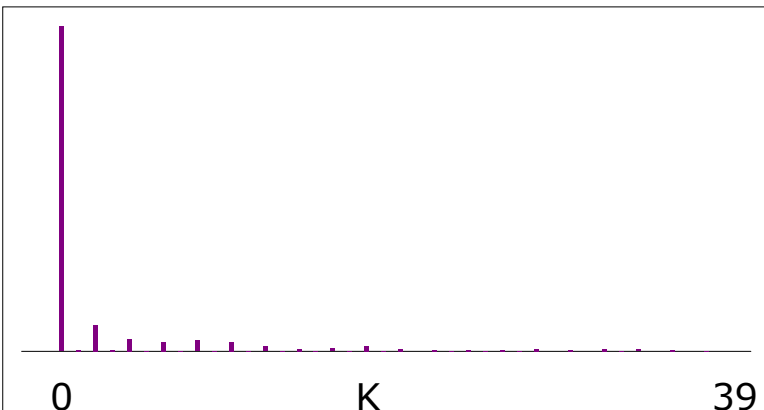


Voltage
Sensitivity: 325.57 V/Div
Peak: 325.57 V

Current
Sensitivity: 0.0416 A
Peak: 0.0832 A
Start Phase: -19.7°
Peak Phase: 88.6°
End Phase: 160.3°



Voltage Spectrum
THD(IEC): 0.61%
H3: 0.55%
H5: 0.02%
H7: 0.05%
H9: 0.03%



Current Spectrum
THD(IEC): 11.2%
H3: 8.24%
H5: 3.76%
H7: 2.92%
H9: 3.44%

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

Voltage: 229.39(V)

VCF: 1.419

Vthd(IEC): 0.61%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.02%	0.06
1	100.00%	229.40
2	0.20%	0.46
3	0.55%	1.26
4	0.09%	0.20
5	0.02%	0.05
6	0.01%	0.02
7	0.05%	0.12
8	0.01%	0.02
9	0.03%	0.06
10	0.01%	0.02
11	0.05%	0.11
12	0.01%	0.02
13	0.03%	0.07
14	0.01%	0.02
15	0.06%	0.13
16	0.01%	0.02
17	0.02%	0.04
18	0.01%	0.02
19	0.04%	0.10
20	0.01%	0.02
21	0.02%	0.05
22	0.01%	0.01
23	0.04%	0.09
24	0.01%	0.02
25	0.07%	0.15
26	0.00%	0.01
27	0.01%	0.03
28	0.01%	0.01
29	0.01%	0.03
30	0.00%	0.00
31	0.02%	0.05
32	0.00%	0.01
33	0.01%	0.02
34	0.00%	0.00
35	0.03%	0.06
36	0.00%	0.01
37	0.00%	0.01
38	0.00%	0.00
39	0.01%	0.02

Current: 0.0551(A)

ACF: 1.511

Athd(IEC): 11.17%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	1.09%	0.05
1	100.00%	4.44
2	0.51%	0.02
3	8.24%	0.37
4	0.45%	0.02
5	3.76%	0.17
6	0.25%	0.01
7	2.92%	0.13
8	0.25%	0.01
9	3.44%	0.15
10	0.28%	0.01
11	2.95%	0.13
12	0.24%	0.01
13	1.52%	0.07
14	0.27%	0.01
15	0.82%	0.04
16	0.27%	0.01
17	0.92%	0.04
18	0.15%	0.01
19	1.71%	0.08
20	0.27%	0.01
21	0.77%	0.03
22	0.08%	0.00
23	0.40%	0.02
24	0.22%	0.01
25	0.54%	0.02
26	0.14%	0.01
27	0.42%	0.02
28	0.11%	0.00
29	0.75%	0.03
30	0.09%	0.00
31	0.44%	0.02
32	0.07%	0.00
33	0.73%	0.03
34	0.11%	0.00
35	0.64%	0.03
36	0.08%	0.00
37	0.46%	0.02
38	0.05%	0.00
39	0.16%	0.01

Type:LED 0401.W.H341.6.60026.300mA Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

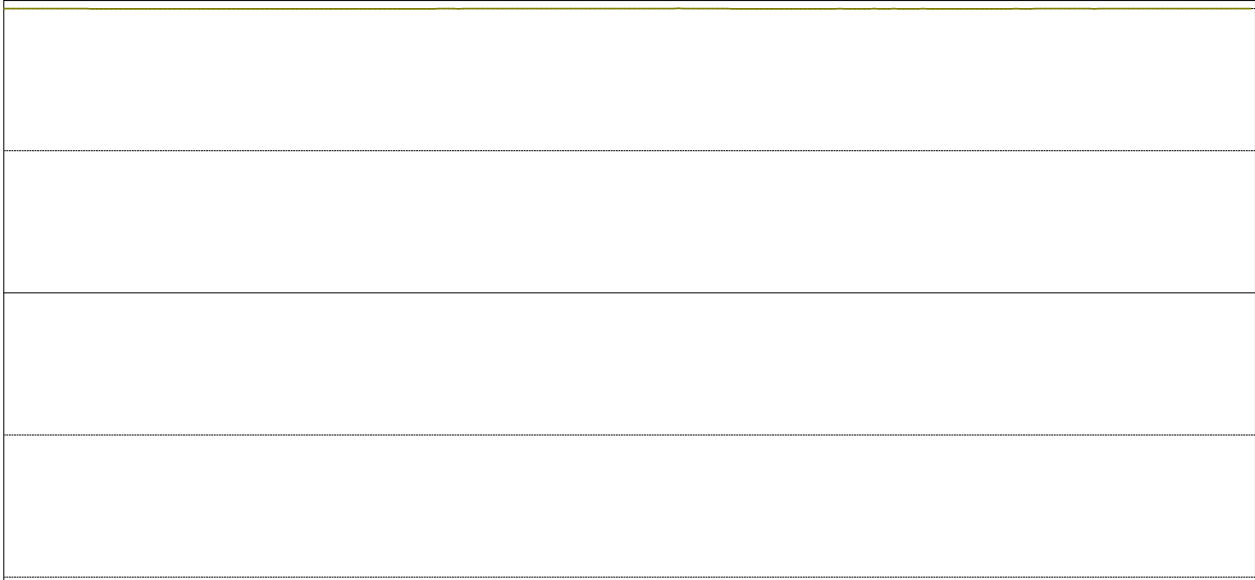
Inspector:

Test Time:2016-10-18

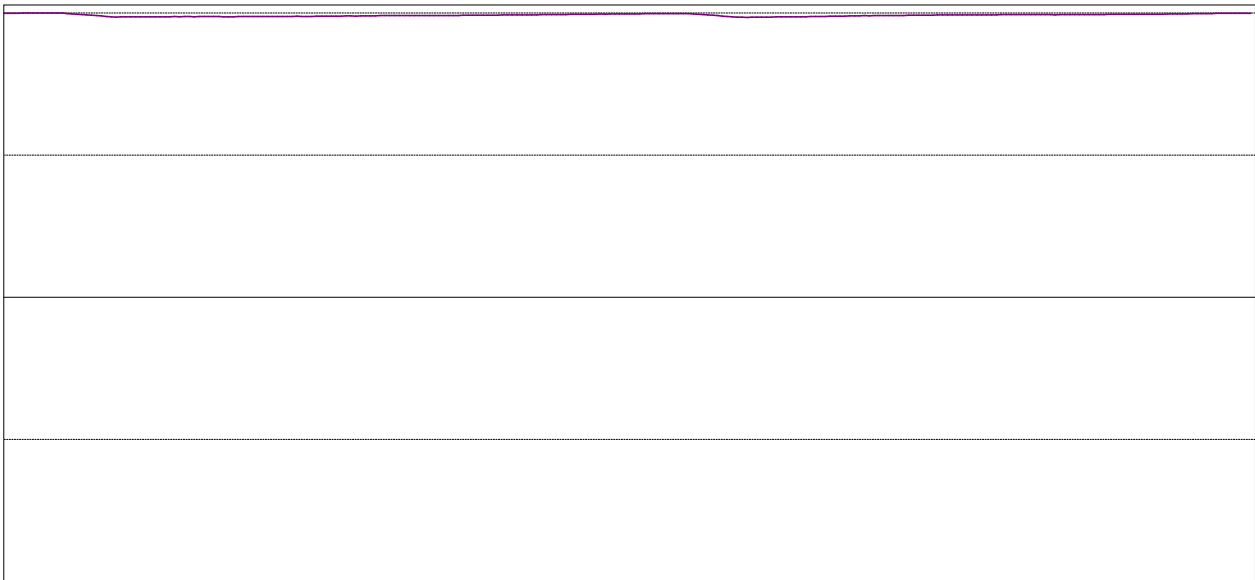
Output

Lamp Voltage(rms):34.85V Lamp Current(rms):0.2997A
Power:10.44W Ripple Current:0.000A Energy Efficiency:0.847

Lamp Voltage Wave



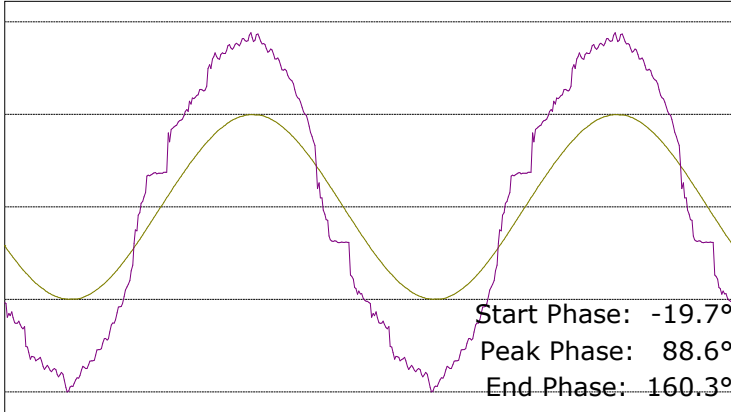
Lamp Current Wave



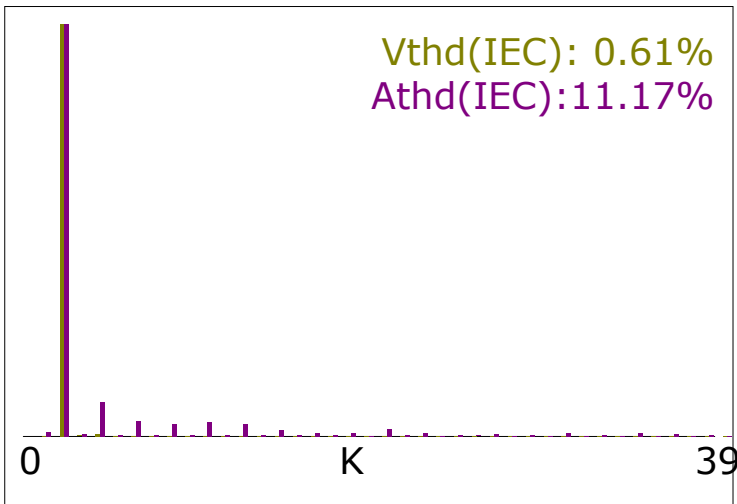
Type:LED 0401.W.H341.6.60026.300mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-10-18

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



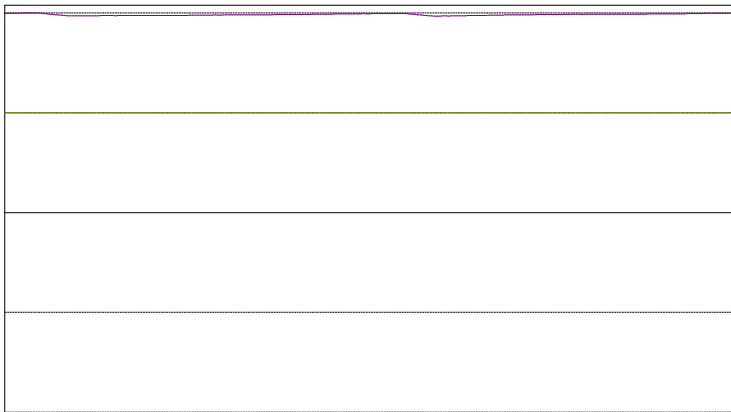
Voltage: 229.394(V)
 VCF: 1.419
 Vthd(IEC): 0.61%
 Current: 0.055(A)
 ACF: 1.511
 Athd(IEC): 11.17%
 Power: 12.3(W)
 Power Factor: 0.9760
 Frequency: 50.00(Hz)



Voltage Spectrum
 H3: 0.55%
 H5: 0.02%
 H7: 0.05%
 H9: 0.03%

Current Spectrum
 H3: 8.24%
 H5: 3.76%
 H7: 2.92%
 H9: 3.44%

Output characteristics



Lamp Voltage(rms):34.85V
 Lamp Current(rms):0.2997A
 Power:10.44W
 Ripple Current:0.000A
 Energy Efficiency:0.847