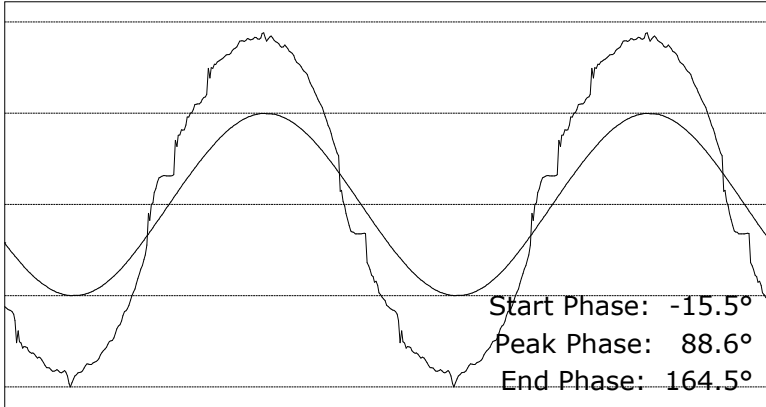
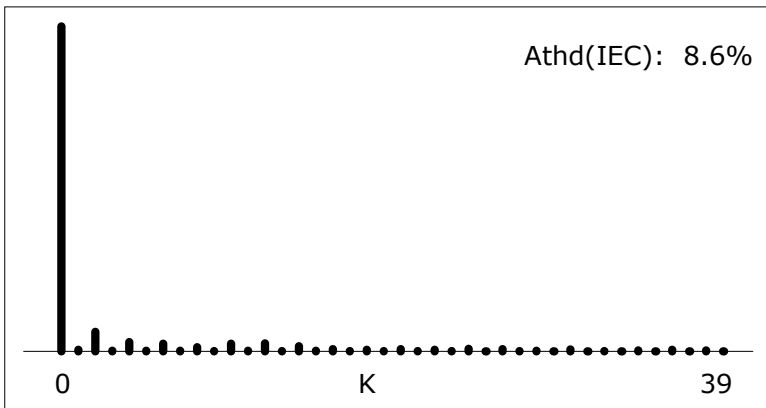
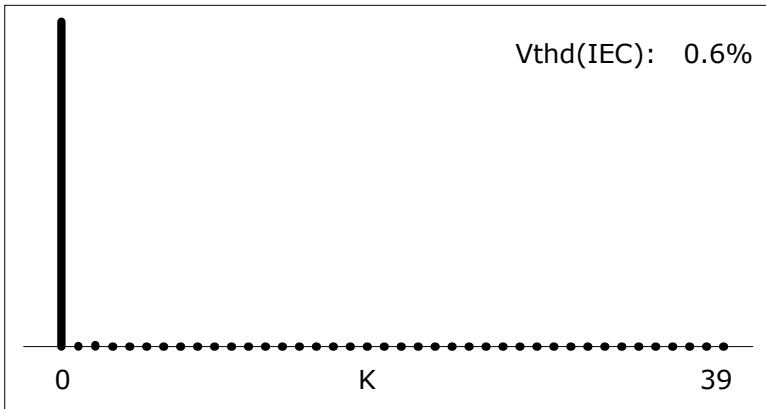


Input Characteristics Test Report [Narrow Band]

Voltage 232.48(V) Current 0.0649(A) Power 14.85(W) Power Factor 0.9836 Frequency 50.00(Hz)



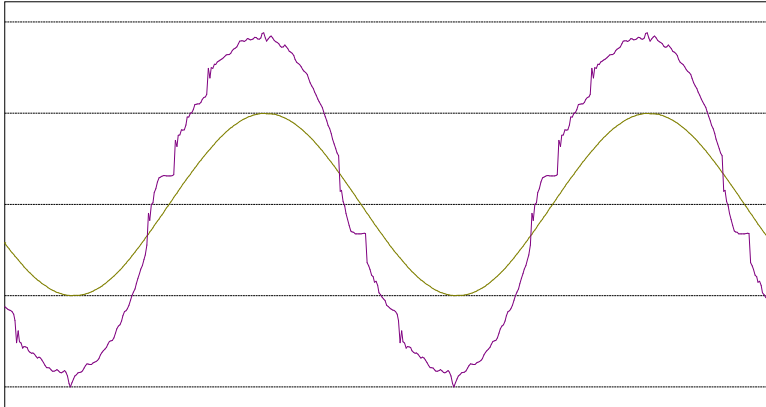
Spectrum(k)	Voltage	Current
0	0.0%	0.6%
1	100.0%	100.0%
2	0.2%	0.5%
3	0.5%	6.1%
4	0.1%	0.2%
5	0.1%	2.9%
6	0.0%	0.3%
7	0.1%	2.4%
8	0.0%	0.2%
9	0.0%	1.3%
10	0.0%	0.1%
11	0.0%	2.4%
12	0.0%	0.3%
13	0.0%	2.5%
14	0.0%	0.2%
15	0.1%	1.7%
16	0.0%	0.2%
17	0.0%	0.7%
18	0.0%	0.1%
19	0.0%	0.6%
20	0.0%	0.2%
21	0.0%	0.7%
22	0.0%	0.1%
23	0.0%	0.5%
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%	0.3%
30	0.0%	0.1%
31	0.0%	0.6%
32	0.0%	0.1%
33	0.0%	0.2%
34	0.0%	0.1%
35	0.0%	0.3%
36	0.0%	0.0%
37	0.0%	0.6%
38	0.0%	0.1%
39	0.0%	0.4%



Type:LED 0119.G.U341.6.60073.350mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-15

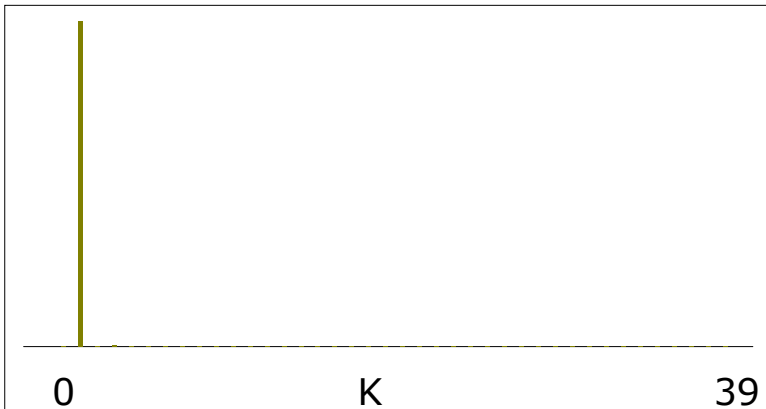
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
232.48(V)	0.0649(A)	14.85(W)	0.9836	50.00(Hz)

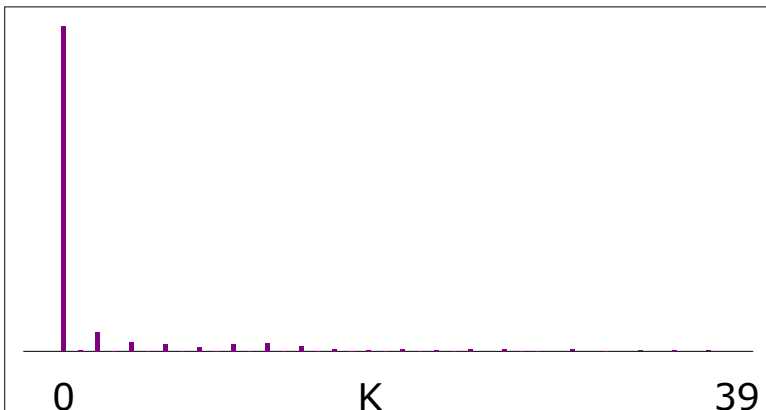


Voltage
Sensitivity: 329.89 V/Div
Peak: 329.89 V

Current
Sensitivity: 0.0474 A
Peak: 0.0948 A
Start Phase: -15.5°
Peak Phase: 88.6°
End Phase: 164.5°



Voltage Spectrum
THD(IEC): 0.59%
H3: 0.52%
H5: 0.06%
H7: 0.07%
H9: 0.01%



Current Spectrum
THD(IEC): 8.6%
H3: 6.05%
H5: 2.93%
H7: 2.40%
H9: 1.31%

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

Voltage: 232.48(V)

VCF: 1.419

Vthd(IEC): 0.59%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.03%	0.06
1	100.00%	232.48
2	0.22%	0.51
3	0.52%	1.21
4	0.09%	0.21
5	0.06%	0.14
6	0.01%	0.02
7	0.07%	0.15
8	0.01%	0.02
9	0.01%	0.03
10	0.01%	0.03
11	0.04%	0.09
12	0.01%	0.02
13	0.03%	0.08
14	0.01%	0.02
15	0.05%	0.12
16	0.01%	0.02
17	0.03%	0.06
18	0.01%	0.01
19	0.01%	0.02
20	0.01%	0.02
21	0.05%	0.11
22	0.01%	0.01
23	0.03%	0.07
24	0.01%	0.03
25	0.06%	0.14
26	0.01%	0.01
27	0.03%	0.07
28	0.01%	0.02
29	0.02%	0.05
30	0.00%	0.01
31	0.02%	0.03
32	0.01%	0.02
33	0.02%	0.04
34	0.00%	0.00
35	0.01%	0.03
36	0.00%	0.00
37	0.01%	0.02
38	0.00%	0.00
39	0.02%	0.04

Current: 0.0649(A)

ACF: 1.461

Athd(IEC): 8.60%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.64%	0.03
1	100.00%	4.36
2	0.52%	0.02
3	6.05%	0.26
4	0.21%	0.01
5	2.93%	0.13
6	0.25%	0.01
7	2.40%	0.10
8	0.22%	0.01
9	1.31%	0.06
10	0.12%	0.01
11	2.42%	0.11
12	0.28%	0.01
13	2.50%	0.11
14	0.16%	0.01
15	1.67%	0.07
16	0.20%	0.01
17	0.75%	0.03
18	0.14%	0.01
19	0.56%	0.02
20	0.20%	0.01
21	0.69%	0.03
22	0.11%	0.00
23	0.53%	0.02
24	0.15%	0.01
25	0.87%	0.04
26	0.07%	0.00
27	0.74%	0.03
28	0.14%	0.01
29	0.25%	0.01
30	0.08%	0.00
31	0.64%	0.03
32	0.08%	0.00
33	0.20%	0.01
34	0.06%	0.00
35	0.31%	0.01
36	0.04%	0.00
37	0.59%	0.03
38	0.08%	0.00
39	0.38%	0.02

Type:LED 0119.G.U341.6.60073.350mA

Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

Inspector:

Test Time:2016-11-15

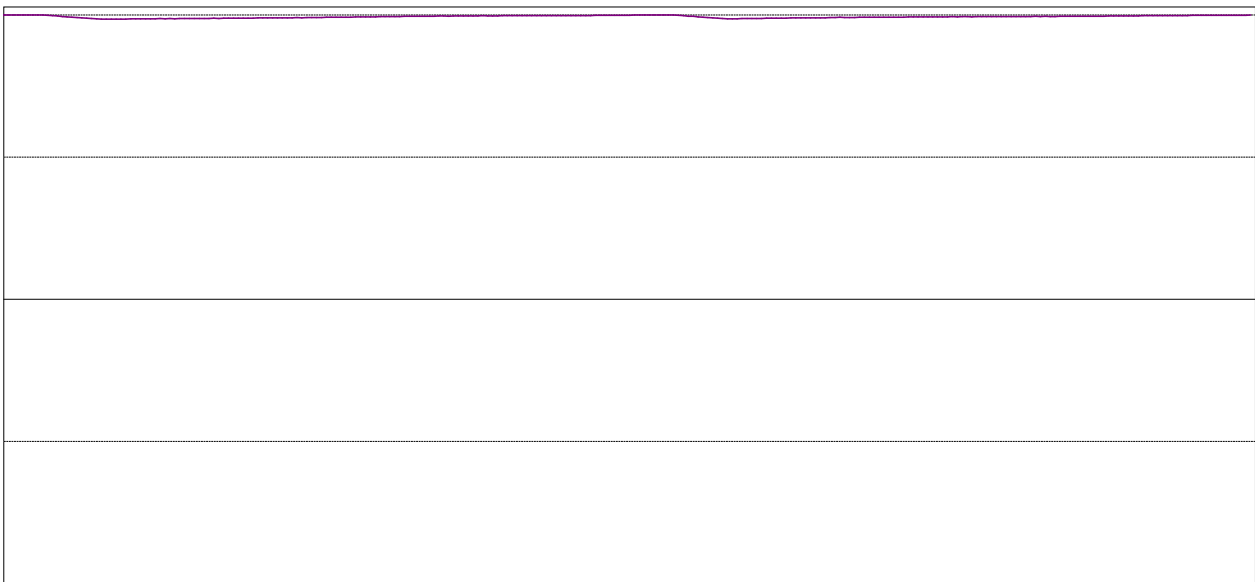
Output

Lamp Voltage(rms):36.34V Lamp Current(rms):0.3485A
Power:12.67W Ripple Current:0.000A Energy Efficiency:0.853

Lamp Voltage Wave



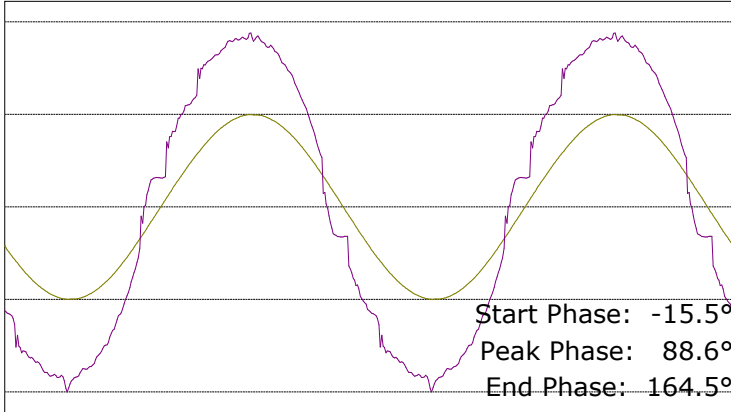
Lamp Current Wave



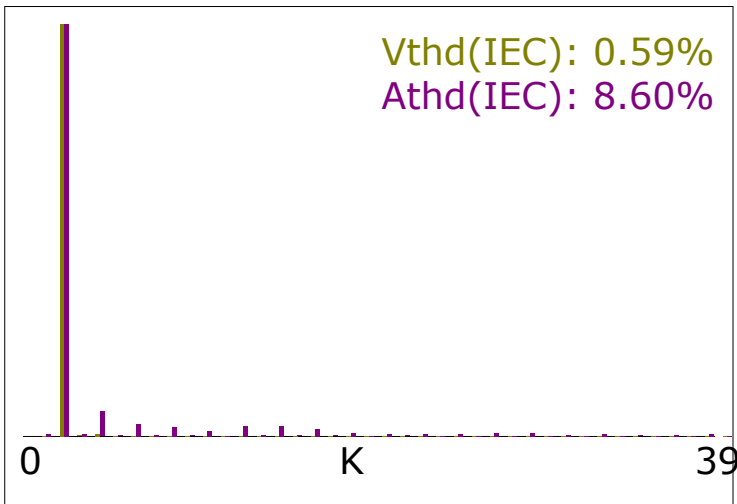
Type:LED 0119.G.U341.6.60073.350mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-15

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



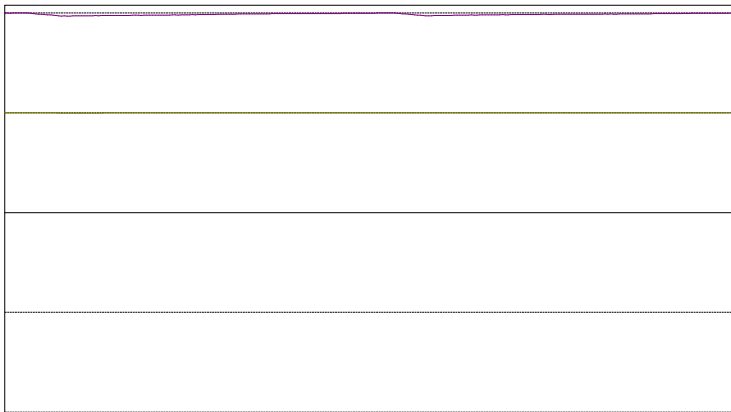
Voltage: 232.482(V)
 VCF: 1.419
 Vthd(IEC): 0.59%
 Current: 0.065(A)
 ACF: 1.461
 Athd(IEC): 8.60%
 Power: 14.8(W)
 Power Factor: 0.9836
 Frequency: 50.00(Hz)



Voltage Spectrum
 H3: 0.52%
 H5: 0.06%
 H7: 0.07%
 H9: 0.01%

Current Spectrum
 H3: 6.05%
 H5: 2.93%
 H7: 2.40%
 H9: 1.31%

Output characteristics



Lamp Voltage(rms):36.34V
 Lamp Current(rms):0.3485A
 Power:12.67W
 Ripple Current:0.000A
 Energy Efficiency:0.853