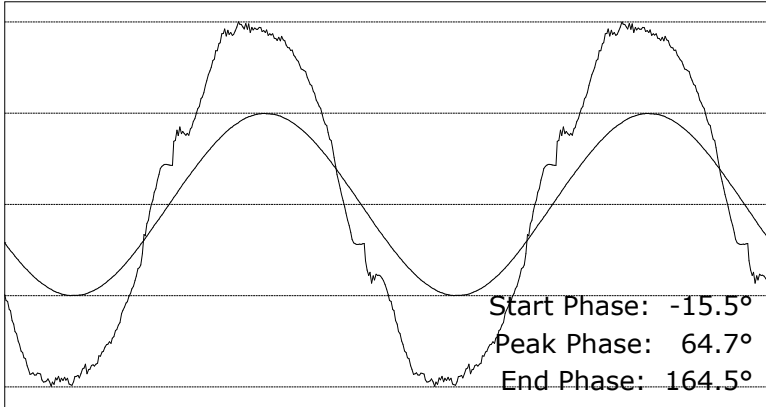
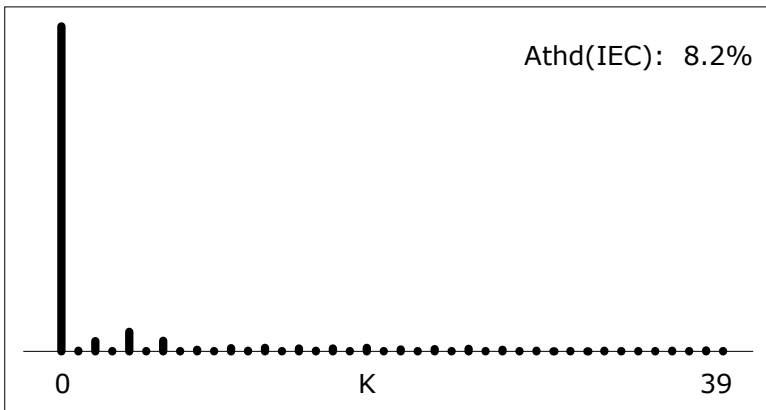
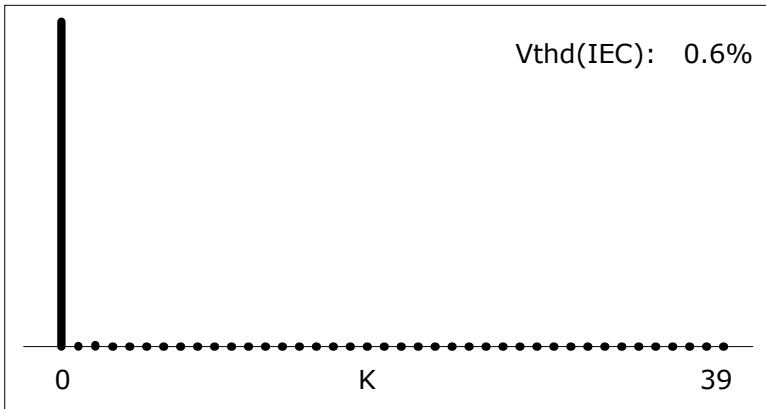


Input Characteristics Test Report [Narrow Band]

Voltage 233.20(V) Current 0.0754(A) Power 17.21(W) Power Factor 0.9791 Frequency 50.00(Hz)



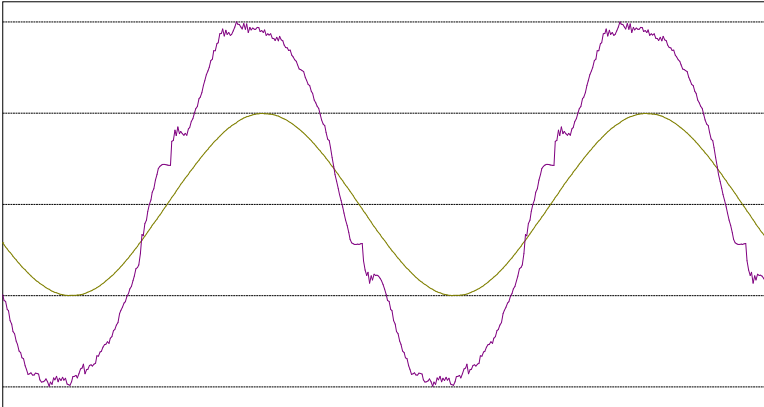
Spectrum(k)	Voltage	Current
0	0.0%	0.2%
1	100.0%	100.0%
2	0.2%	0.2%
3	0.5%	3.2%
4	0.1%	0.2%
5	0.0%	6.0%
6	0.0%	0.1%
7	0.0%	3.3%
8	0.0%	0.2%
9	0.0%	0.5%
10	0.0%	0.1%
11	0.1%	1.0%
12	0.0%	0.2%
13	0.0%	1.2%
14	0.0%	0.2%
15	0.1%	1.0%
16	0.0%	0.3%
17	0.0%	0.9%
18	0.0%	0.1%
19	0.0%	1.2%
20	0.0%	0.1%
21	0.0%	0.6%
22	0.0%	0.1%
23	0.0%	0.7%
24	0.0%	0.1%
25	0.1%	0.9%
26	0.0%	0.1%
27	0.0%	0.5%
28	0.0%	0.1%
29	0.0%	0.2%
30	0.0%	0.1%
31	0.0%	0.2%
32	0.0%	0.1%
33	0.0%	0.3%
34	0.0%	0.2%
35	0.0%	0.1%
36	0.0%	0.1%
37	0.0%	0.3%
38	0.0%	0.1%
39	0.0%	0.3%



Type:LED 0112.W.A331.6.60062.400mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-02

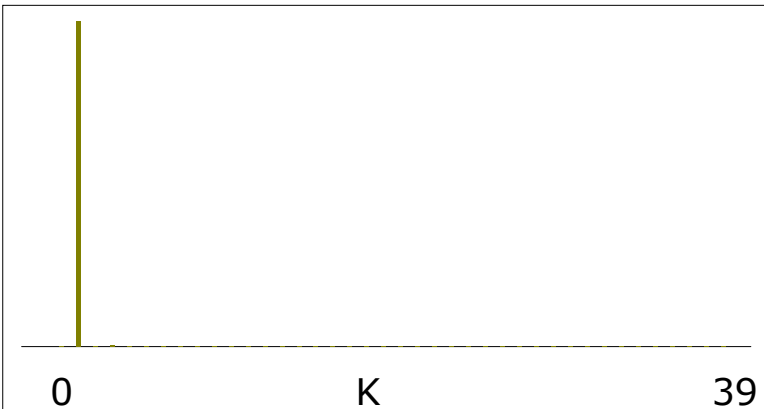
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
233.20(V)	0.0754(A)	17.21(W)	0.9791	50.00(Hz)

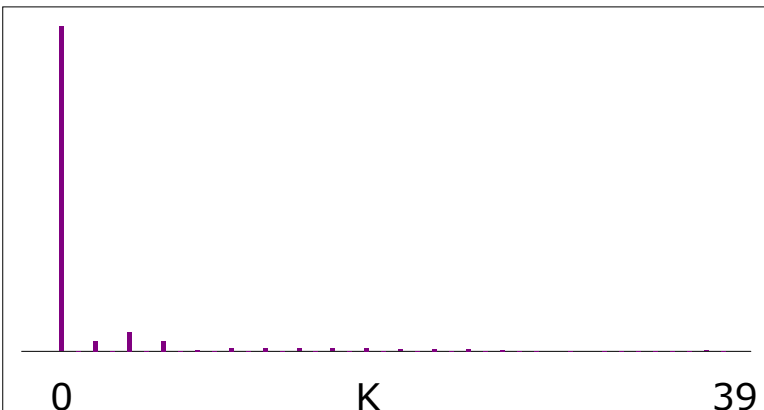


Voltage
Sensitivity: 331.27 V/Div
Peak: 331.27 V

Current
Sensitivity: 0.0531 A
Peak: 0.1063 A
Start Phase: -15.5°
Peak Phase: 64.7°
End Phase: 164.5°



Voltage Spectrum
THD(IEC): 0.59%
H3: 0.53%
H5: 0.05%
H7: 0.05%
H9: 0.01%



Current Spectrum
THD(IEC): 8.2%
H3: 3.16%
H5: 6.03%
H7: 3.34%
H9: 0.52%

Type:LED 0112.W.A331.6.60062.400mA	Number:1
Manufacturer: Brasled	
Temperature:25iãC	Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester	
Operator:	Inspector:
Test Time:2016-11-02	

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

Voltage: 233.20(V)

VCF: 1.421

Vthd(IEC): 0.59%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.03%	0.08
1	100.00%	233.20
2	0.20%	0.47
3	0.53%	1.23
4	0.08%	0.18
5	0.05%	0.11
6	0.01%	0.02
7	0.05%	0.11
8	0.01%	0.02
9	0.01%	0.03
10	0.01%	0.02
11	0.05%	0.13
12	0.01%	0.02
13	0.03%	0.06
14	0.01%	0.02
15	0.06%	0.13
16	0.00%	0.01
17	0.02%	0.04
18	0.00%	0.01
19	0.02%	0.06
20	0.01%	0.01
21	0.04%	0.10
22	0.00%	0.01
23	0.03%	0.07
24	0.01%	0.02
25	0.09%	0.20
26	0.01%	0.01
27	0.04%	0.09
28	0.01%	0.02
29	0.02%	0.06
30	0.00%	0.01
31	0.01%	0.01
32	0.00%	0.01
33	0.01%	0.03
34	0.00%	0.00
35	0.01%	0.03
36	0.00%	0.01
37	0.01%	0.02
38	0.00%	0.00
39	0.01%	0.02

Current: 0.0754(A)

ACF: 1.410

Athd(IEC): 8.19%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.19%	0.01
1	100.00%	4.36
2	0.21%	0.01
3	3.16%	0.14
4	0.15%	0.01
5	6.03%	0.26
6	0.15%	0.01
7	3.34%	0.15
8	0.18%	0.01
9	0.52%	0.02
10	0.14%	0.01
11	1.03%	0.04
12	0.21%	0.01
13	1.15%	0.05
14	0.17%	0.01
15	0.98%	0.04
16	0.28%	0.01
17	0.93%	0.04
18	0.13%	0.01
19	1.15%	0.05
20	0.13%	0.01
21	0.65%	0.03
22	0.15%	0.01
23	0.71%	0.03
24	0.11%	0.00
25	0.87%	0.04
26	0.14%	0.01
27	0.54%	0.02
28	0.15%	0.01
29	0.21%	0.01
30	0.08%	0.00
31	0.20%	0.01
32	0.06%	0.00
33	0.26%	0.01
34	0.17%	0.01
35	0.13%	0.01
36	0.13%	0.01
37	0.27%	0.01
38	0.15%	0.01
39	0.30%	0.01

Type:LED 0112.W.A331.6.60062.400mA

Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

Inspector:

Test Time:2016-11-02

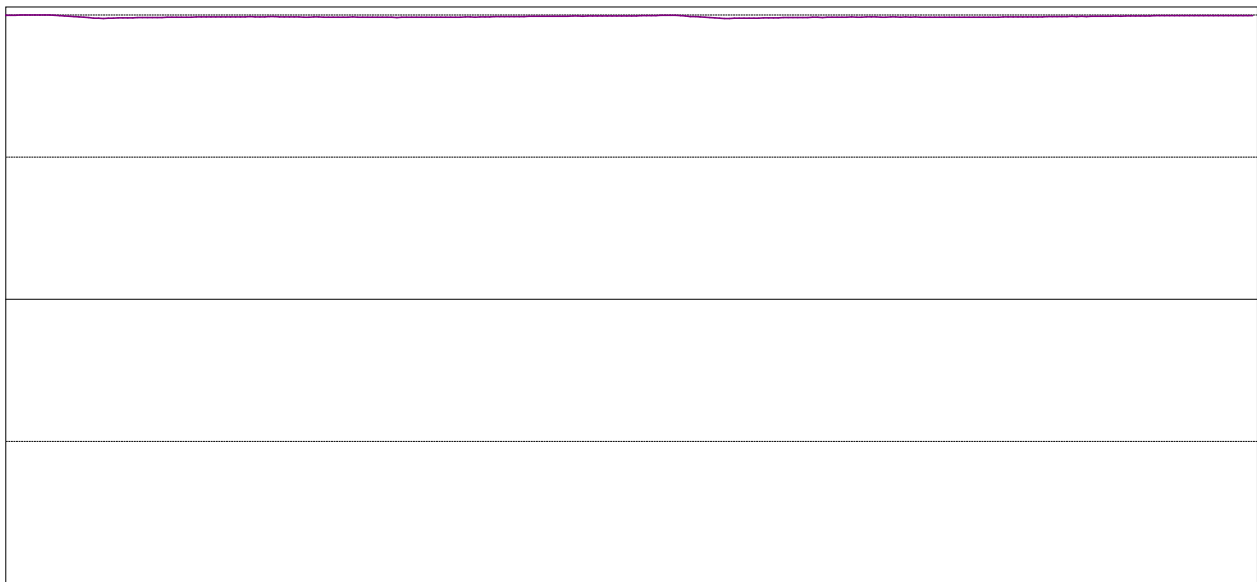
Output

Lamp Voltage(rms):36.24V Lamp Current(rms):0.4071A
Power:14.75W Ripple Current:0.000A Energy Efficiency:0.856

Lamp Voltage Wave



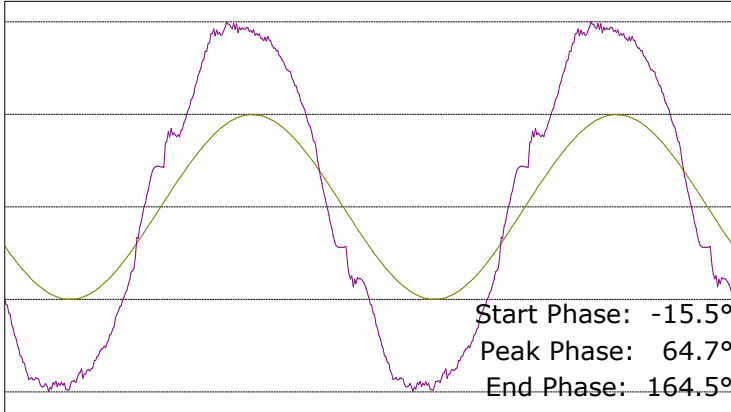
Lamp Current Wave



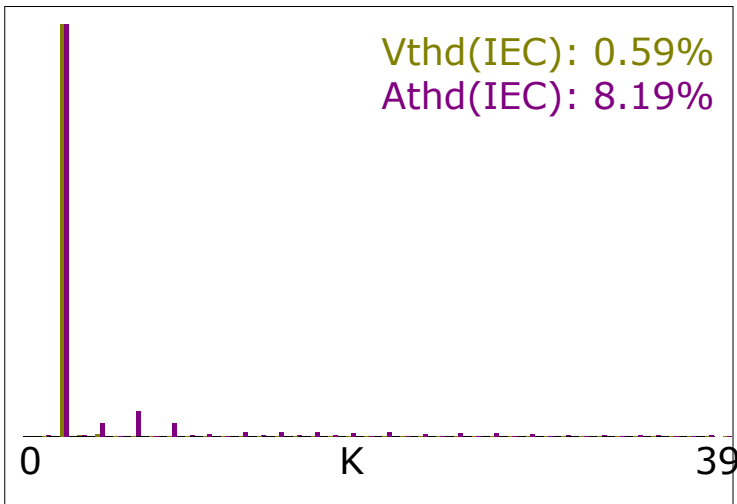
Type:LED 0112.W.A331.6.60062.400mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-02

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



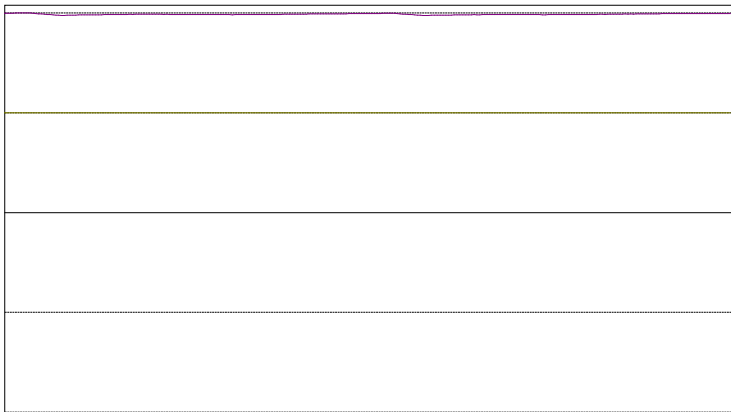
Voltage: 233.197(V)
 VCF: 1.421
 Vthd(IEC): 0.59%
 Current: 0.075(A)
 ACF: 1.410
 Athd(IEC): 8.19%
 Power: 17.2(W)
 Power Factor: 0.9791
 Frequency: 50.00(Hz)



Voltage Spectrum
 H3: 0.53%
 H5: 0.05%
 H7: 0.05%
 H9: 0.01%

Current Spectrum
 H3: 3.16%
 H5: 6.03%
 H7: 3.34%
 H9: 0.52%

Output characteristics



Lamp Voltage(rms):36.24V
 Lamp Current(rms):0.4071A
 Power:14.75W
 Ripple Current:0.000A
 Energy Efficiency:0.856