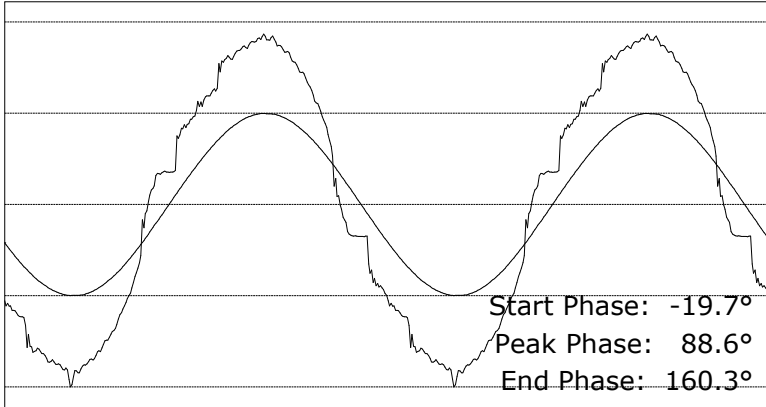
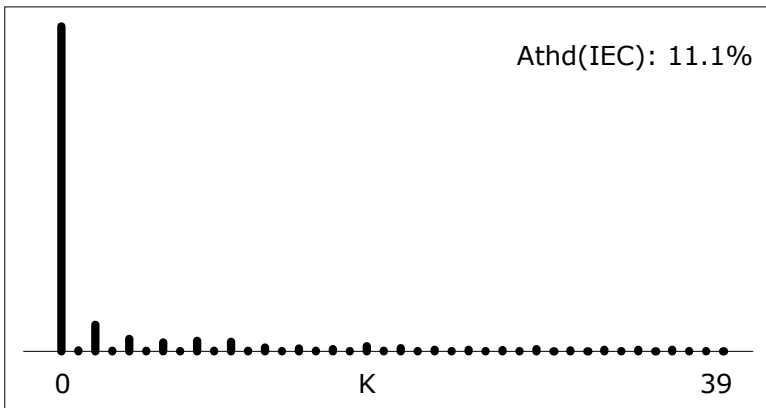
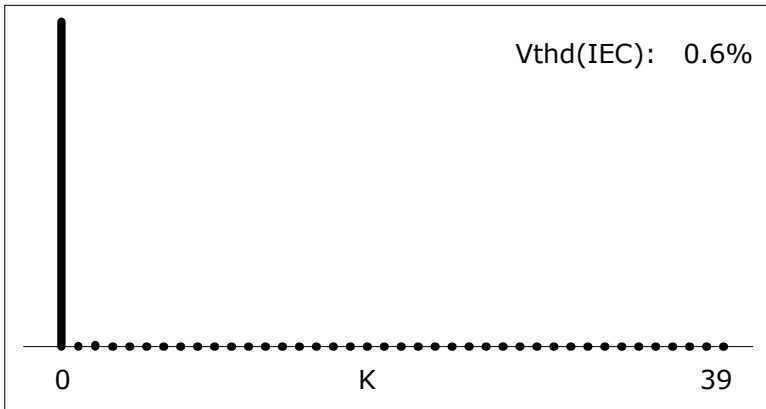


Input Characteristics Test Report [Narrow Band]

Voltage 232.59(V) Current 0.0569(A) Power 12.94(W) Power Factor 0.9780 Frequency 50.00(Hz)



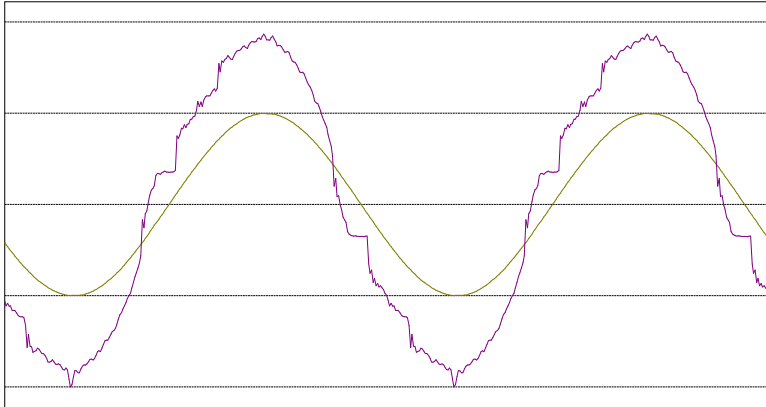
Spectrum(k)	Voltage	Current
0	0.0%	0.0%
1	100.0%	100.0%
2	0.2%	0.4%
3	0.5%	8.2%
4	0.1%	0.2%
5	0.0%	3.9%
6	0.0%	0.2%
7	0.0%	2.8%
8	0.0%	0.2%
9	0.0%	3.3%
10	0.0%	0.2%
11	0.0%	3.0%
12	0.0%	0.2%
13	0.0%	1.2%
14	0.0%	0.1%
15	0.1%	0.9%
16	0.0%	0.3%
17	0.0%	0.7%
18	0.0%	0.2%
19	0.0%	1.7%
20	0.0%	0.2%
21	0.0%	1.0%
22	0.0%	0.1%
23	0.0%	0.5%
24	0.0%	0.2%
25	0.1%	0.6%
26	0.0%	0.1%
27	0.0%	0.5%
28	0.0%	0.1%
29	0.0%	0.7%
30	0.0%	0.1%
31	0.0%	0.3%
32	0.0%	0.0%
33	0.0%	0.6%
34	0.0%	0.1%
35	0.0%	0.6%
36	0.0%	0.0%
37	0.0%	0.5%
38	0.0%	0.1%
39	0.0%	0.1%



Type:LED 0120.W.U241.6.60074.300mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-15

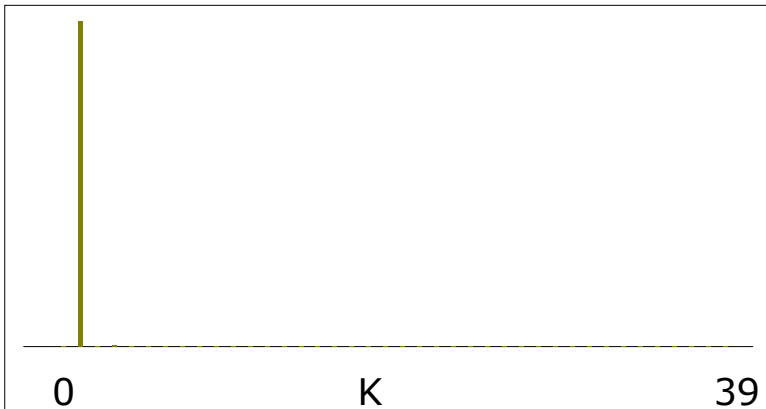
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
232.59(V)	0.0569(A)	12.94(W)	0.9780	50.00(Hz)

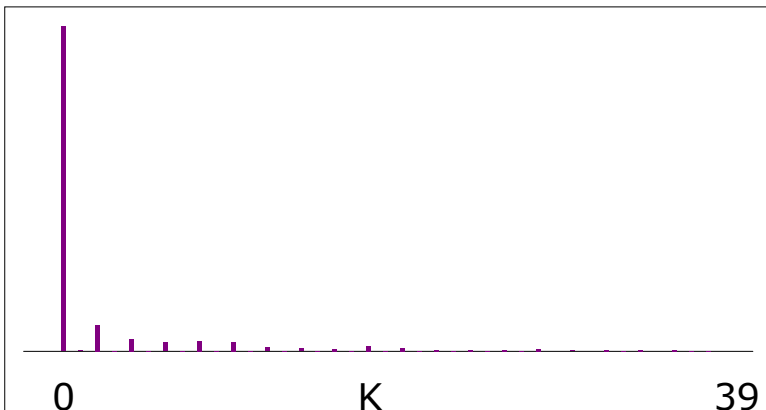


Voltage
Sensitivity: 330.20 V/Div
Peak: 330.20 V

Current
Sensitivity: 0.0435 A
Peak: 0.0871 A
Start Phase: -19.7°
Peak Phase: 88.6°
End Phase: 160.3°



Voltage Spectrum
THD(IEC): 0.59%
H3: 0.53%
H5: 0.02%
H7: 0.04%
H9: 0.02%



Current Spectrum
THD(IEC): 11.1%
H3: 8.19%
H5: 3.87%
H7: 2.83%
H9: 3.27%

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

Voltage: 232.59(V)
 VCF: 1.420
 Vthd(IEC): 0.59%

Current: 0.0569(A)
 ACF: 1.530
 Athd(IEC): 11.05%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.03%	0.07
1	100.00%	232.59
2	0.20%	0.46
3	0.53%	1.24
4	0.08%	0.19
5	0.02%	0.05
6	0.01%	0.02
7	0.04%	0.08
8	0.01%	0.02
9	0.02%	0.04
10	0.01%	0.03
11	0.04%	0.09
12	0.01%	0.02
13	0.02%	0.06
14	0.01%	0.03
15	0.06%	0.15
16	0.00%	0.01
17	0.02%	0.04
18	0.00%	0.01
19	0.03%	0.07
20	0.01%	0.02
21	0.03%	0.08
22	0.01%	0.01
23	0.04%	0.10
24	0.01%	0.02
25	0.07%	0.15
26	0.00%	0.01
27	0.02%	0.05
28	0.01%	0.02
29	0.01%	0.03
30	0.00%	0.00
31	0.02%	0.05
32	0.00%	0.01
33	0.00%	0.00
34	0.00%	0.01
35	0.02%	0.05
36	0.00%	0.00
37	0.01%	0.02
38	0.00%	0.00
39	0.01%	0.02

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.03%	0.00
1	100.00%	4.37
2	0.36%	0.02
3	8.19%	0.36
4	0.21%	0.01
5	3.87%	0.17
6	0.23%	0.01
7	2.83%	0.12
8	0.17%	0.01
9	3.27%	0.14
10	0.21%	0.01
11	3.04%	0.13
12	0.23%	0.01
13	1.21%	0.05
14	0.15%	0.01
15	0.89%	0.04
16	0.28%	0.01
17	0.73%	0.03
18	0.19%	0.01
19	1.67%	0.07
20	0.21%	0.01
21	1.00%	0.04
22	0.14%	0.01
23	0.50%	0.02
24	0.17%	0.01
25	0.58%	0.03
26	0.11%	0.00
27	0.45%	0.02
28	0.15%	0.01
29	0.73%	0.03
30	0.09%	0.00
31	0.30%	0.01
32	0.05%	0.00
33	0.57%	0.03
34	0.13%	0.01
35	0.56%	0.02
36	0.03%	0.00
37	0.52%	0.02
38	0.11%	0.00
39	0.12%	0.01

Type:LED 0120.W.U241.6.60074.300mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-11-15

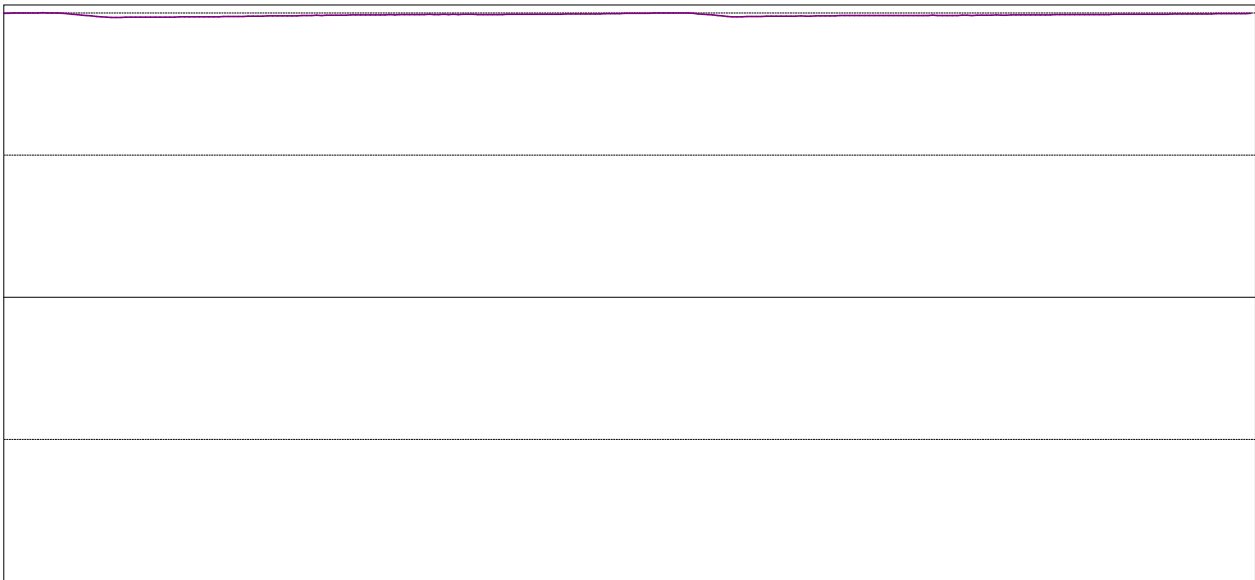
Output

Lamp Voltage(rms):36.27V Lamp Current(rms):0.3025A
Power:10.97W Ripple Current:0.000A Energy Efficiency:0.848

Lamp Voltage Wave



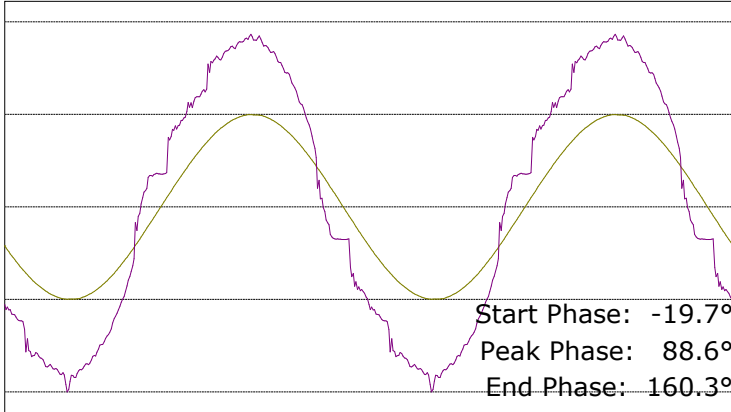
Lamp Current Wave



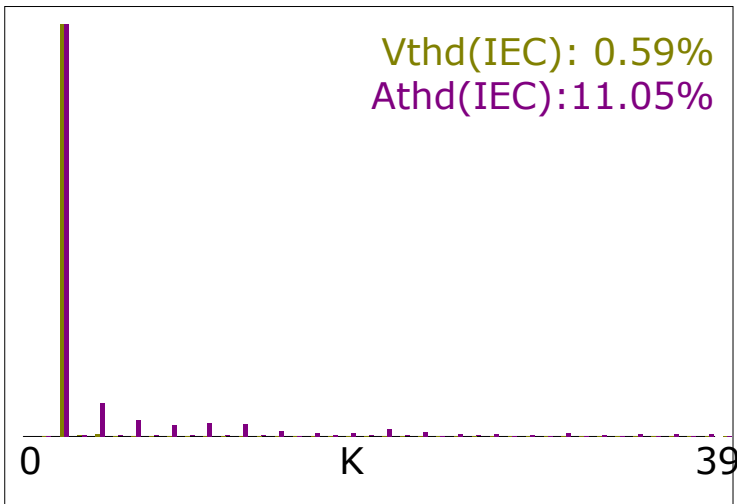
Type:LED 0120.W.U241.6.60074.300mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-11-15

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



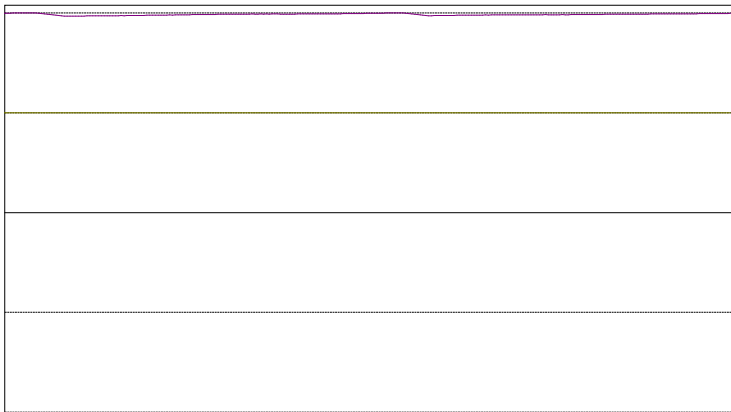
Voltage: 232.588(V)
VCF: 1.420
Vthd(IEC): 0.59%
Current: 0.057(A)
ACF: 1.530
Athd(IEC): 11.05%
Power: 12.9(W)
Power Factor: 0.9780
Frequency: 50.00(Hz)



Voltage Spectrum
H3: 0.53%
H5: 0.02%
H7: 0.04%
H9: 0.02%

Current Spectrum
H3: 8.19%
H5: 3.87%
H7: 2.83%
H9: 3.27%

Output characteristics



Lamp Voltage(rms):36.27V
Lamp Current(rms):0.3025A
Power:10.97W
Ripple Current:0.000A
Energy Efficiency:0.848