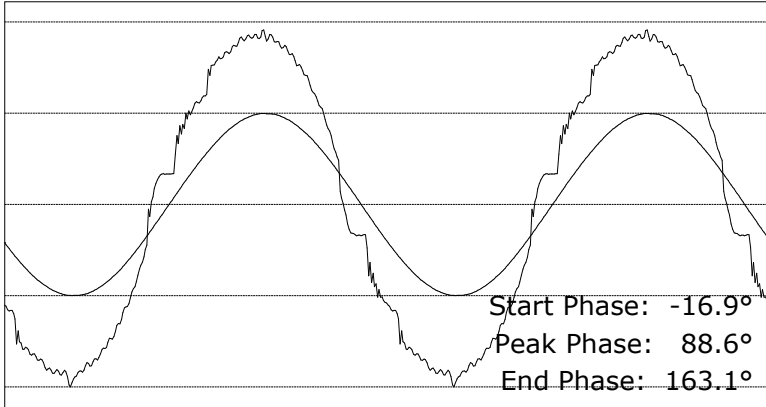
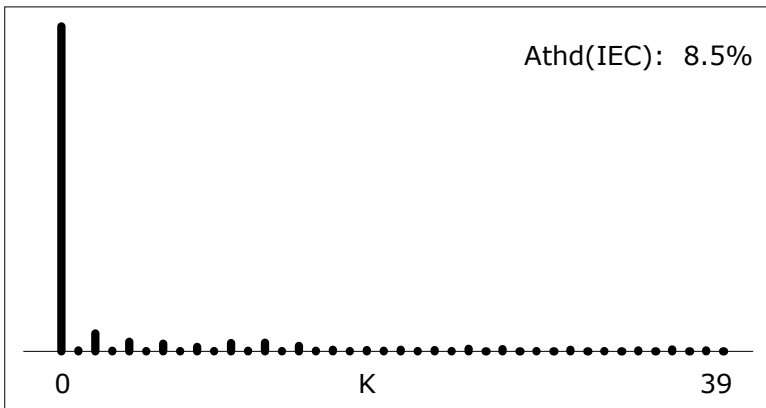
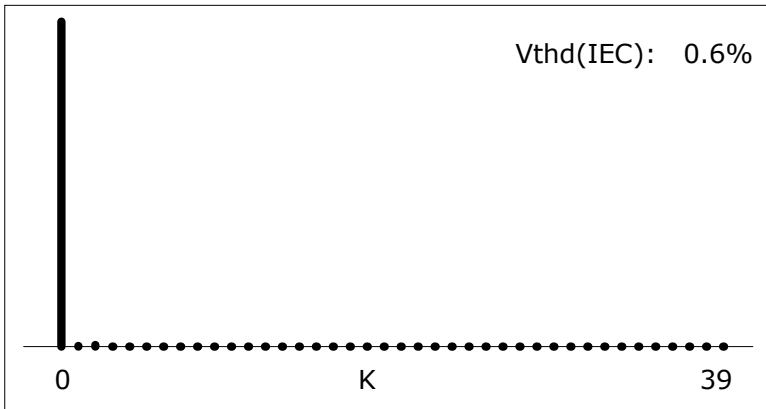


Input Characteristics Test Report [Narrow Band]

Voltage 234.37(V)      Current 0.0646(A)      Power 14.87(W)      Power Factor 0.9816      Frequency 50.00(Hz)



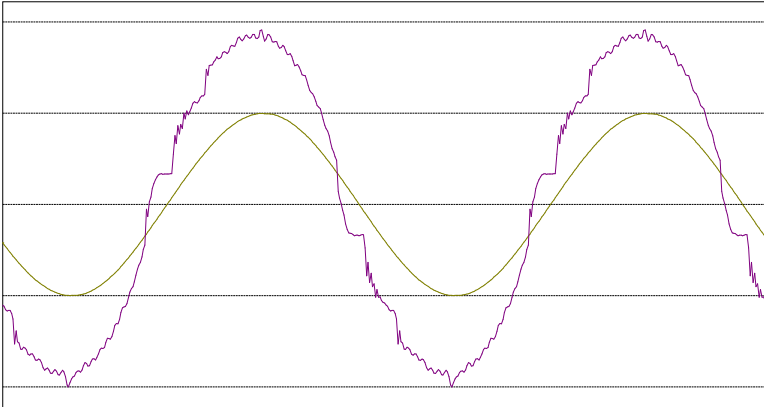
Spectrum(k)	Voltage	Current
0	0.0%	0.3%
1	100.0%	100.0%
2	0.2%	0.4%
3	0.5%	5.6%
4	0.1%	0.2%
5	0.0%	3.0%
6	0.0%	0.2%
7	0.0%	2.4%
8	0.0%	0.2%
9	0.0%	1.4%
10	0.0%	0.1%
11	0.0%	2.6%
12	0.0%	0.2%
13	0.0%	2.7%
14	0.0%	0.2%
15	0.1%	1.8%
16	0.0%	0.2%
17	0.0%	0.6%
18	0.0%	0.1%
19	0.0%	0.5%
20	0.0%	0.2%
21	0.0%	0.5%
22	0.0%	0.1%
23	0.0%	0.5%
24	0.0%	0.1%
25	0.0%	0.8%
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%	0.6%
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%	0.3%



Type:LED 0408.G.U341.6.60083.350mA      Number:1  
 Manufacturer: Brasled  
 Temperature:25iãC      Humidity:60%  
 Test Instrument: Lisun WT2080 LED Power Driver Tester  
 Operator:      Inspector:  
 Test Time:2016-11-22

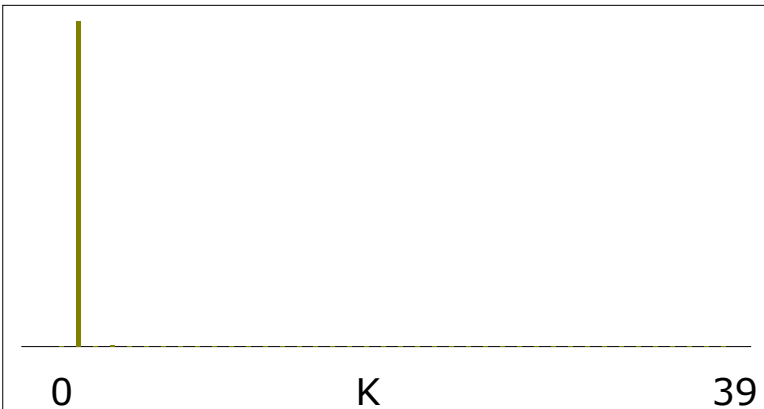
### Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
234.37(V)	0.0646(A)	14.87(W)	0.9816	50.00(Hz)

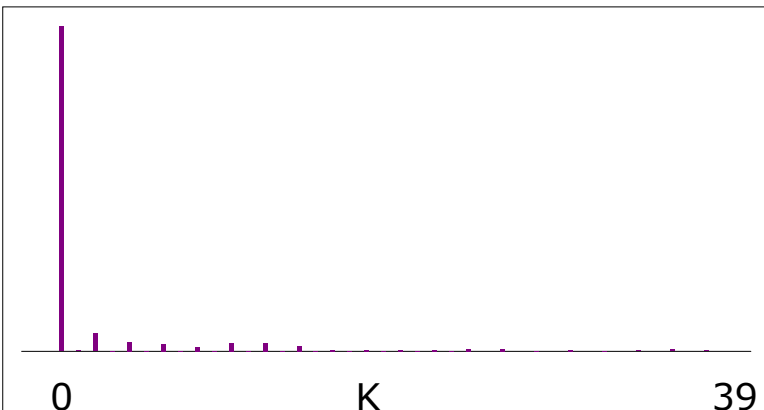


**Voltage**  
Sensitivity: 332.84 V/Div  
Peak: 332.84 V

**Current**  
Sensitivity: 0.0471 A  
Peak: 0.0942 A  
Start Phase: -16.9°  
Peak Phase: 88.6°  
End Phase: 163.1°



**Voltage Spectrum**  
THD(IEC): 0.61%  
H3: 0.55%  
H5: 0.03%  
H7: 0.04%  
H9: 0.01%



**Current Spectrum**  
THD(IEC): 8.5%  
H3: 5.57%  
H5: 2.97%  
H7: 2.38%  
H9: 1.42%

Type:LED 0408.G.U341.6.60083.350mA	Number:1
Manufacturer: Brasled	
Temperature:25iãC	Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester	
Operator:	Inspector:
Test Time:2016-11-22	

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

Voltage: 234.37(V)  
 VCF: 1.420  
 Vthd(IEC): 0.61%

Current: 0.0646(A)  
 ACF: 1.458  
 Athd(IEC): 8.46%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.02%	0.04
1	100.00%	234.36
2	0.21%	0.48
3	0.55%	1.28
4	0.08%	0.19
5	0.03%	0.08
6	0.01%	0.02
7	0.04%	0.09
8	0.01%	0.02
9	0.01%	0.03
10	0.01%	0.02
11	0.04%	0.10
12	0.01%	0.02
13	0.04%	0.11
14	0.01%	0.02
15	0.06%	0.13
16	0.01%	0.02
17	0.02%	0.05
18	0.01%	0.01
19	0.01%	0.02
20	0.01%	0.03
21	0.04%	0.10
22	0.01%	0.01
23	0.04%	0.09
24	0.01%	0.02
25	0.05%	0.11
26	0.00%	0.01
27	0.03%	0.06
28	0.01%	0.02
29	0.01%	0.03
30	0.00%	0.00
31	0.01%	0.03
32	0.00%	0.01
33	0.02%	0.04
34	0.00%	0.01
35	0.01%	0.03
36	0.00%	0.01
37	0.01%	0.02
38	0.00%	0.00
39	0.02%	0.04

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.31%	0.01
1	100.00%	4.33
2	0.38%	0.02
3	5.57%	0.24
4	0.21%	0.01
5	2.97%	0.13
6	0.18%	0.01
7	2.38%	0.10
8	0.18%	0.01
9	1.42%	0.06
10	0.13%	0.01
11	2.64%	0.11
12	0.21%	0.01
13	2.74%	0.12
14	0.17%	0.01
15	1.75%	0.08
16	0.24%	0.01
17	0.56%	0.02
18	0.13%	0.01
19	0.49%	0.02
20	0.20%	0.01
21	0.53%	0.02
22	0.11%	0.00
23	0.45%	0.02
24	0.14%	0.01
25	0.85%	0.04
26	0.08%	0.00
27	0.72%	0.03
28	0.09%	0.00
29	0.17%	0.01
30	0.08%	0.00
31	0.56%	0.02
32	0.10%	0.00
33	0.18%	0.01
34	0.07%	0.00
35	0.30%	0.01
36	0.04%	0.00
37	0.60%	0.03
38	0.09%	0.00
39	0.32%	0.01

Type:LED 0408.G.U341.6.60083.350mA      Number:1  
 Manufacturer: Brasled  
 Temperature:25iãC      Humidity:60%  
 Test Instrument: Lisun WT2080 LED Power Driver Tester  
 Operator:      Inspector:  
 Test Time:2016-11-22

### Output

Lamp Voltage(rms):36.34V

Lamp Current(rms):0.3490A

Power:12.68W

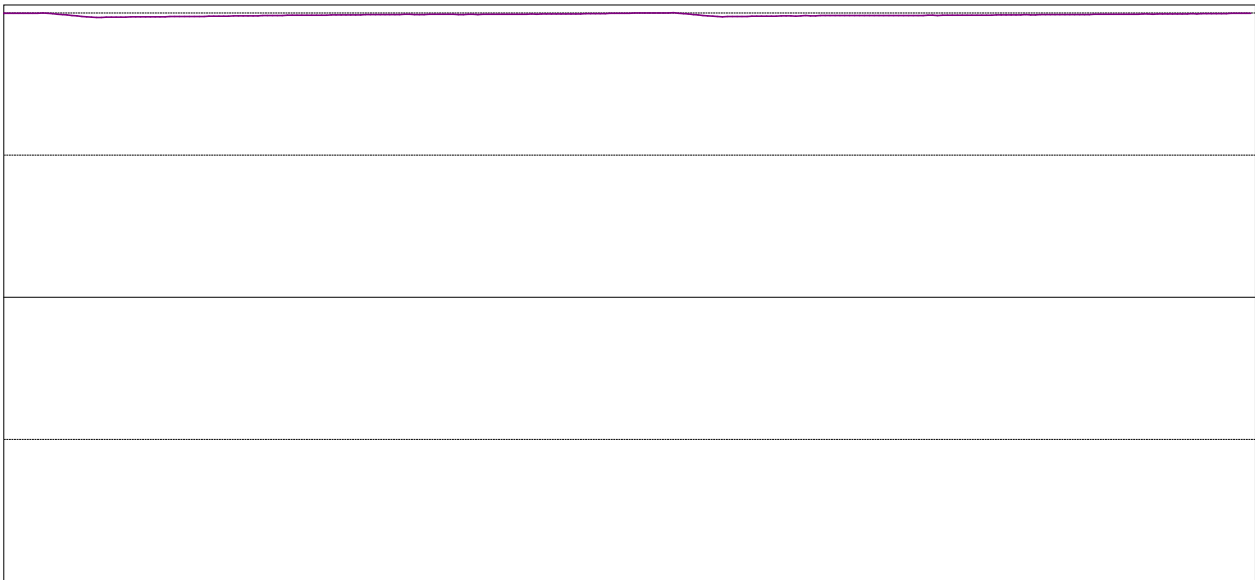
Ripple Current:0.000A

Energy Efficiency:0.853

#### Lamp Voltage Wave



#### Lamp Current Wave



Type:LED 0408.G.U341.6.60083.350mA

Number:1

Manufacturer: Brasled

Temperature:25iãC

Humidity:60%

Test Instrument: Lisun WT2080 LED Power Driver Tester

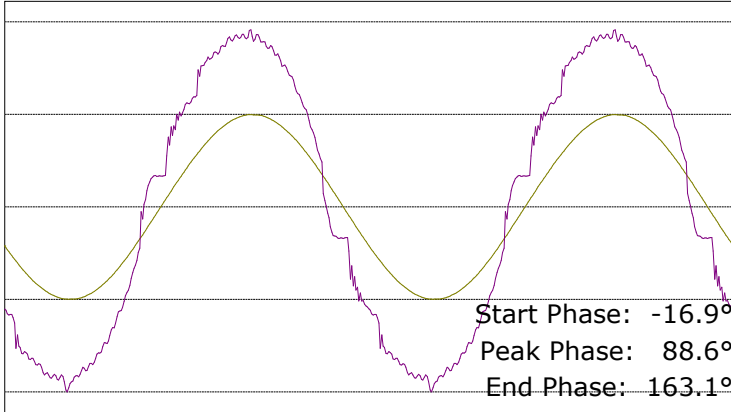
Operator:

Inspector:

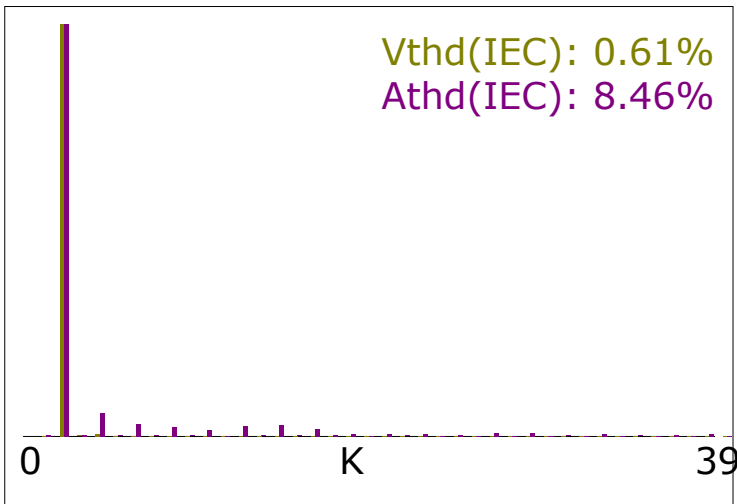
Test Time:2016-11-22

# Input & Output Characteristics Test Report

## Input Characteristics Test Report [Narrow Band]



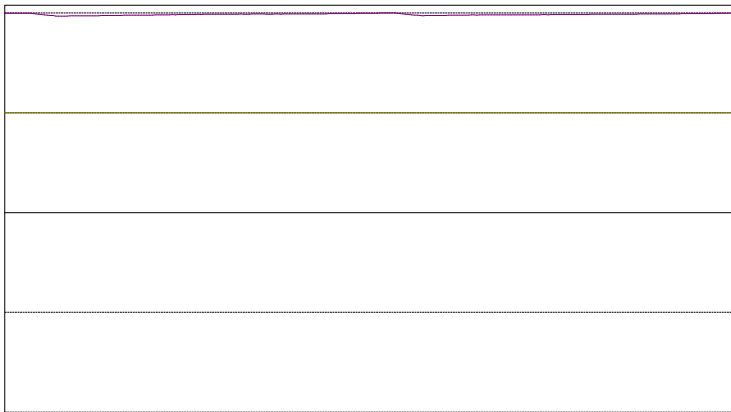
Voltage: 234.366(V)  
VCF: 1.420  
Vthd(IEC): 0.61%  
Current: 0.065(A)  
ACF: 1.458  
Athd(IEC): 8.46%  
Power: 14.9(W)  
Power Factor: 0.9816  
Frequency: 50.00(Hz)



Voltage Spectrum  
H3: 0.55%  
H5: 0.03%  
H7: 0.04%  
H9: 0.01%

Current Spectrum  
H3: 5.57%  
H5: 2.97%  
H7: 2.38%  
H9: 1.42%

## Output characteristics



Lamp Voltage(rms):36.34V  
Lamp Current(rms):0.3490A  
Power:12.68W  
Ripple Current:0.000A  
Energy Efficiency:0.853