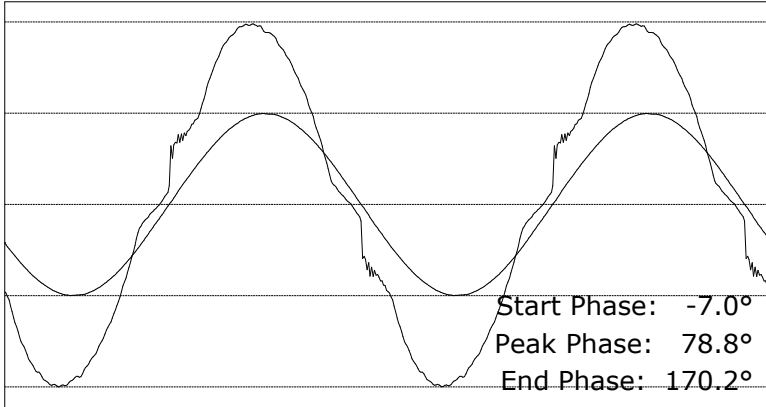
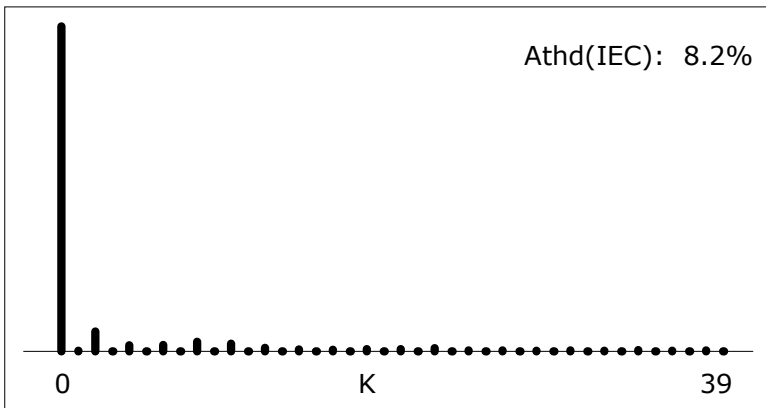
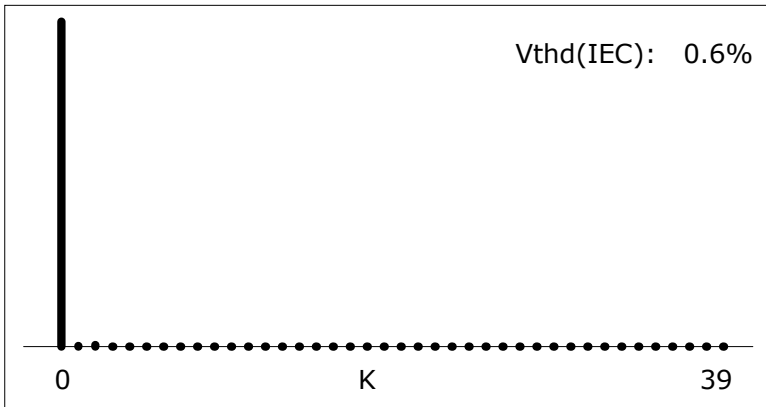


Input Characteristics Test Report [Narrow Band]

Voltage 229.53(V) Current 0.1065(A) Power 23.81(W) Power Factor 0.9740 Frequency 50.00(Hz)



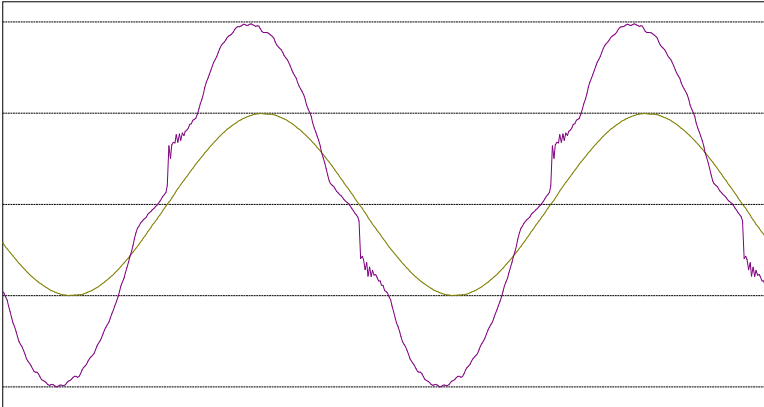
Spectrum(k)	Voltage	Current
0	0.0%	0.5%
1	100.0%	100.0%
2	0.2%	0.2%
3	0.5%	6.2%
4	0.1%	0.1%
5	0.1%	1.9%
6	0.0%	0.0%
7	0.0%	2.0%
8	0.0%	0.1%
9	0.1%	3.0%
10	0.0%	0.0%
11	0.1%	2.4%
12	0.0%	0.0%
13	0.0%	1.2%
14	0.0%	0.0%
15	0.1%	0.7%
16	0.0%	0.0%
17	0.0%	0.5%
18	0.0%	0.0%
19	0.0%	0.7%
20	0.0%	0.0%
21	0.1%	0.8%
22	0.0%	0.1%
23	0.1%	1.0%
24	0.0%	0.0%
25	0.1%	0.3%
26	0.0%	0.0%
27	0.0%	0.3%
28	0.0%	0.0%
29	0.0%	0.2%
30	0.0%	0.0%
31	0.0%	0.4%
32	0.0%	0.0%
33	0.0%	0.3%
34	0.0%	0.0%
35	0.0%	0.4%
36	0.0%	0.0%
37	0.0%	0.3%
38	0.0%	0.0%
39	0.0%	0.3%



Type:LED 0105.W.H641.6.60023.600mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-10-24

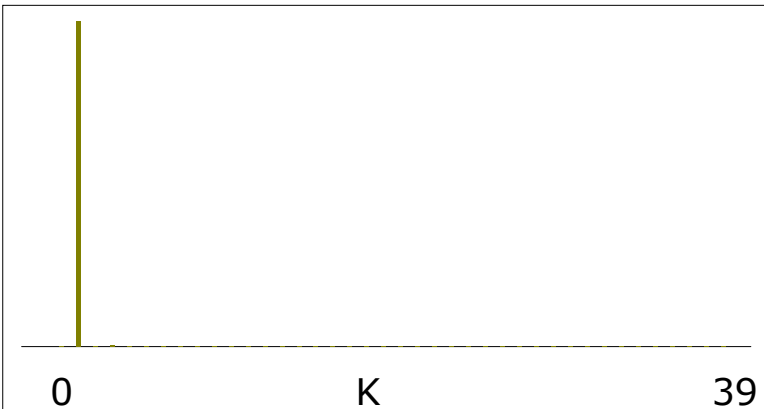
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
229.53(V)	0.1065(A)	23.81(W)	0.9740	50.00(Hz)

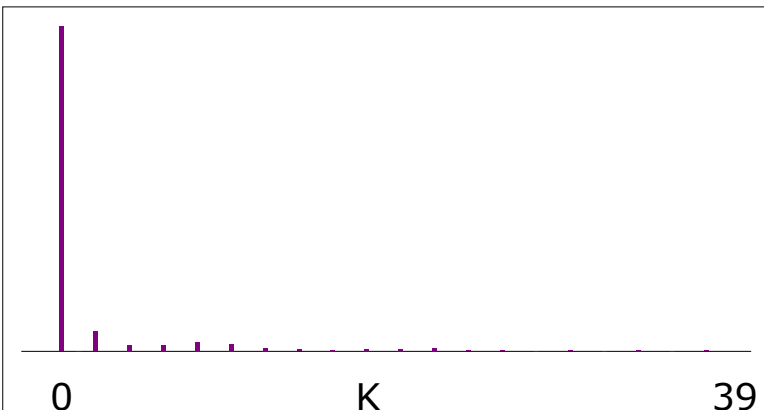


Voltage
Sensitivity: 326.46 V/Div
Peak: 326.46 V

Current
Sensitivity: 0.0791 A
Peak: 0.1581 A
Start Phase: -7.0°
Peak Phase: 78.8°
End Phase: 170.2°



Voltage Spectrum
THD(IEC): 0.60%
H3: 0.52%
H5: 0.07%
H7: 0.03%
H9: 0.05%



Current Spectrum
THD(IEC): 8.2%
H3: 6.19%
H5: 1.88%
H7: 2.03%
H9: 3.01%

Type:LED 0105.W.H641.6.60023.600mA	Number:1
Manufacturer: Brasled	
Temperature:25iãC	Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester	
Operator:	Inspector:
Test Time:2016-10-24	

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

Voltage: 229.53(V)
 VCF: 1.422
 Vthd(IEC): 0.60%

Current: 0.1065(A)
 ACF: 1.485
 Athd(IEC): 8.17%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.03%	0.06
1	100.00%	229.55
2	0.21%	0.48
3	0.52%	1.20
4	0.09%	0.20
5	0.07%	0.16
6	0.02%	0.03
7	0.03%	0.07
8	0.01%	0.02
9	0.05%	0.12
10	0.01%	0.01
11	0.07%	0.16
12	0.01%	0.02
13	0.04%	0.09
14	0.01%	0.02
15	0.07%	0.16
16	0.00%	0.01
17	0.02%	0.06
18	0.00%	0.00
19	0.02%	0.06
20	0.00%	0.00
21	0.06%	0.13
22	0.01%	0.01
23	0.05%	0.12
24	0.01%	0.01
25	0.08%	0.18
26	0.01%	0.01
27	0.03%	0.08
28	0.01%	0.02
29	0.03%	0.07
30	0.00%	0.01
31	0.02%	0.03
32	0.00%	0.01
33	0.03%	0.07
34	0.00%	0.01
35	0.02%	0.03
36	0.00%	0.01
37	0.02%	0.04
38	0.00%	0.00
39	0.01%	0.02

Current Spectrum

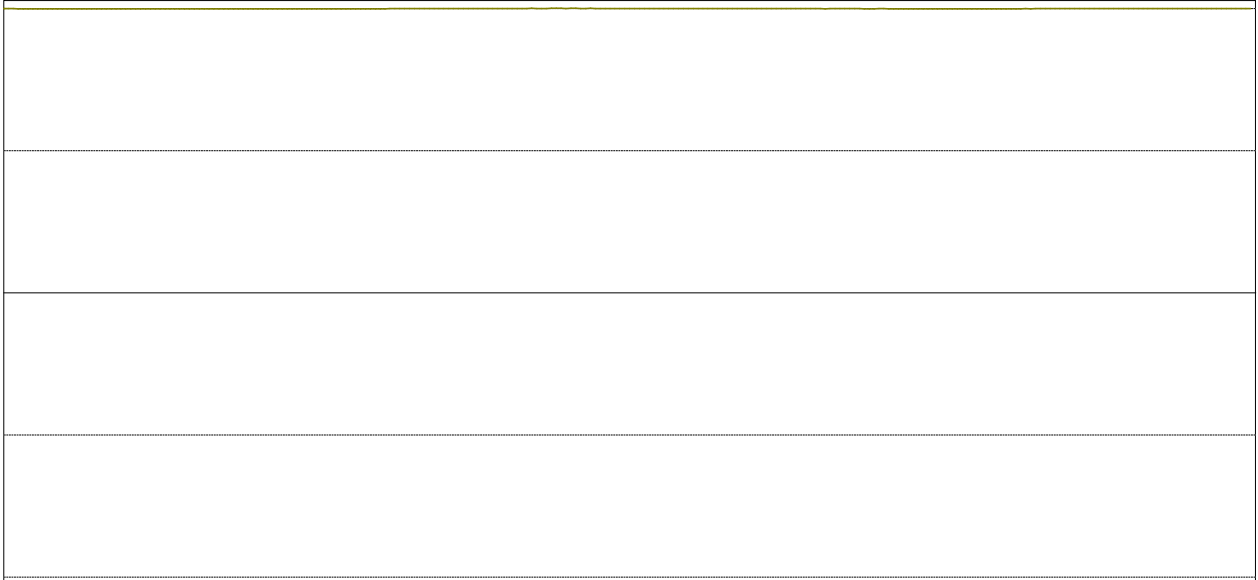
Spectrum(k)	Rel.	Abs.(mA/W)
0	0.50%	0.02
1	100.00%	4.46
2	0.21%	0.01
3	6.19%	0.28
4	0.07%	0.00
5	1.88%	0.08
6	0.04%	0.00
7	2.03%	0.09
8	0.08%	0.00
9	3.01%	0.13
10	0.03%	0.00
11	2.39%	0.11
12	0.04%	0.00
13	1.15%	0.05
14	0.02%	0.00
15	0.68%	0.03
16	0.03%	0.00
17	0.52%	0.02
18	0.03%	0.00
19	0.72%	0.03
20	0.04%	0.00
21	0.77%	0.03
22	0.05%	0.00
23	1.01%	0.04
24	0.03%	0.00
25	0.35%	0.02
26	0.02%	0.00
27	0.32%	0.01
28	0.02%	0.00
29	0.20%	0.01
30	0.01%	0.00
31	0.38%	0.02
32	0.02%	0.00
33	0.27%	0.01
34	0.02%	0.00
35	0.43%	0.02
36	0.02%	0.00
37	0.29%	0.01
38	0.02%	0.00
39	0.30%	0.01

Type:LED 0105.W.H641.6.60023.600mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-10-24

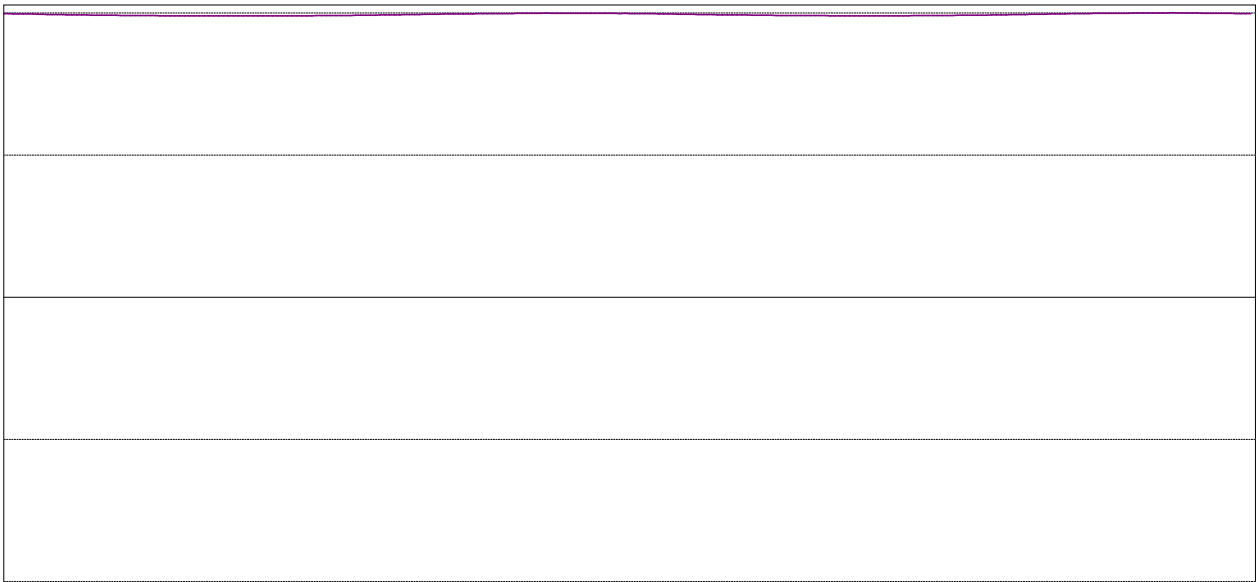
Output

Lamp Voltage(rms):35.70V Lamp Current(rms):0.5917A
Power:21.13W Ripple Current:0.000A Energy Efficiency:0.887

Lamp Voltage Wave



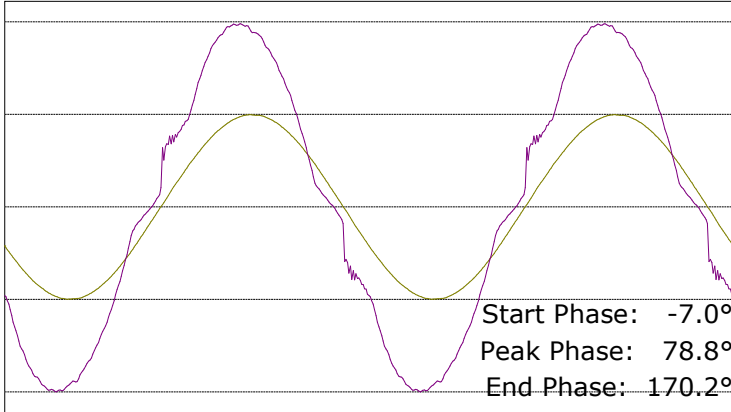
Lamp Current Wave



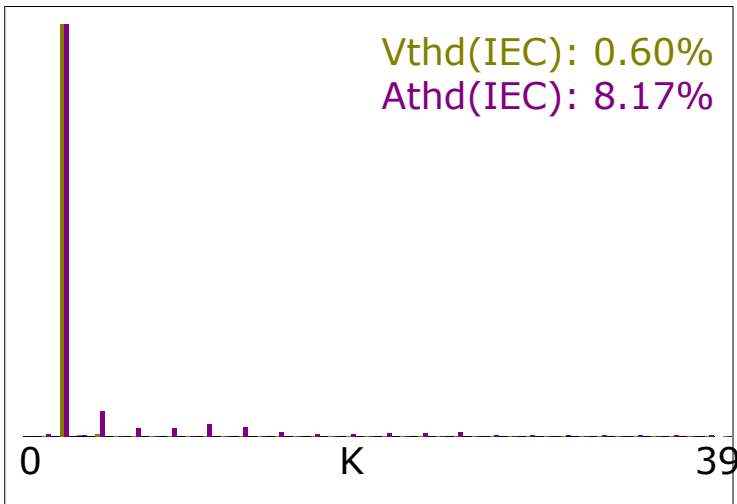
Type:LED 0105.W.H641.6.60023.600mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-10-24

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



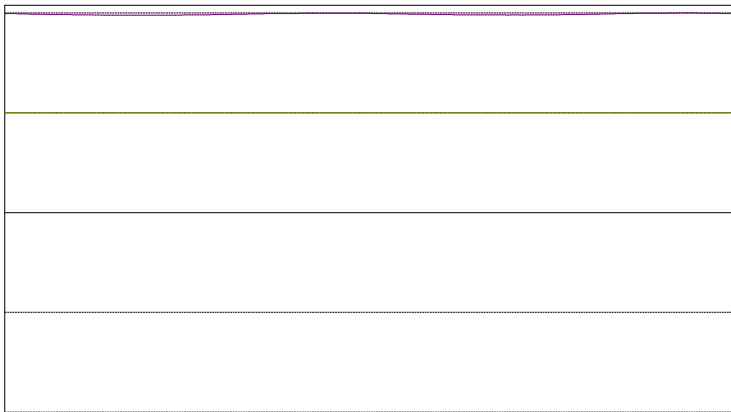
Voltage: 229.532(V)
 VCF: 1.422
 Vthd(IEC): 0.60%
 Current: 0.106(A)
 ACF: 1.485
 Athd(IEC): 8.17%
 Power: 23.8(W)
 Power Factor: 0.9740
 Frequency: 50.00(Hz)



Voltage Spectrum
 H3: 0.52%
 H5: 0.07%
 H7: 0.03%
 H9: 0.05%

Current Spectrum
 H3: 6.19%
 H5: 1.88%
 H7: 2.03%
 H9: 3.01%

Output characteristics



Lamp Voltage(rms):35.70V
 Lamp Current(rms):0.5917A
 Power:21.13W
 Ripple Current:0.000A
 Energy Efficiency:0.887