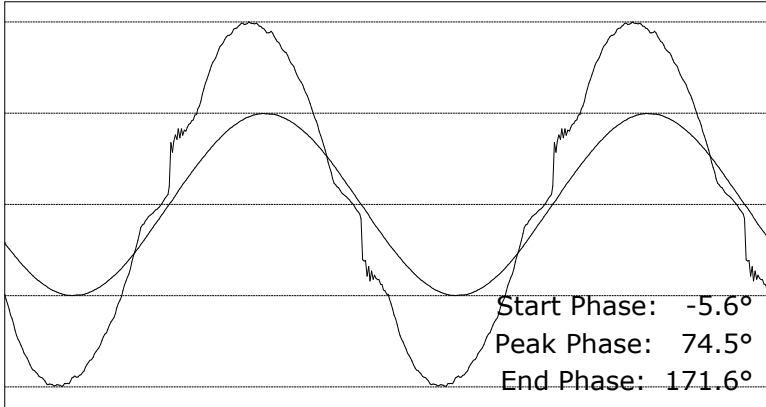
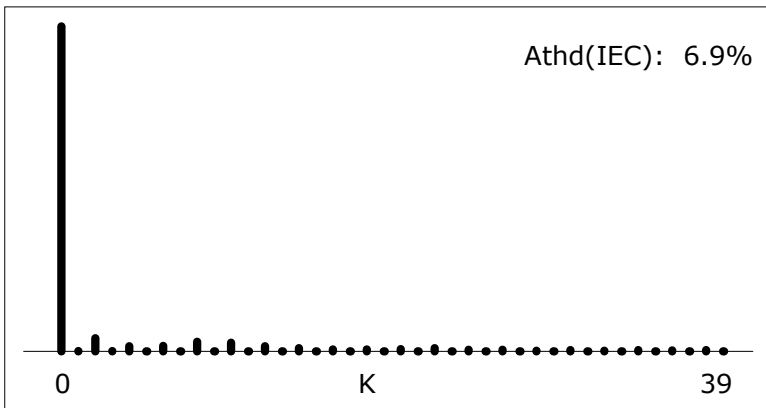
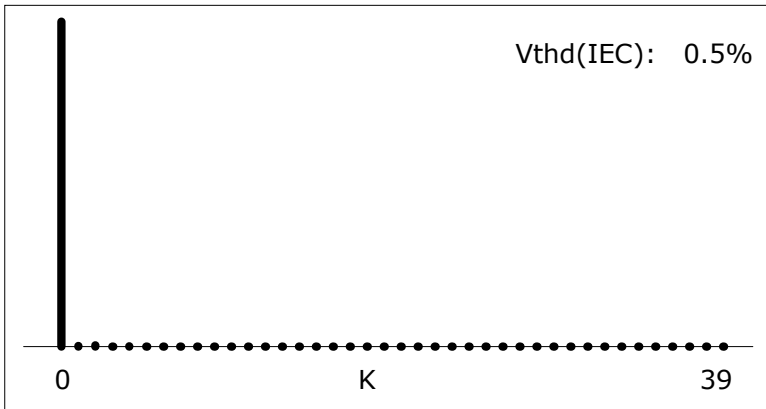


Input Characteristics Test Report [Narrow Band]

Voltage 230.86(V) Current 0.1108(A) Power 24.92(W) Power Factor 0.9746 Frequency 50.00(Hz)



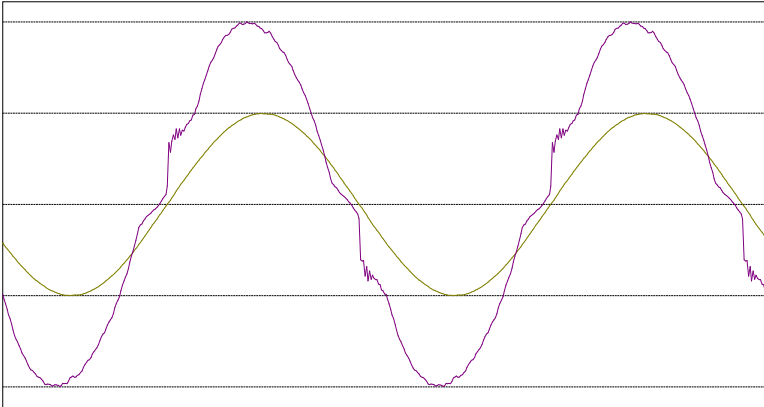
Spectrum(k)	Voltage	Current
0	0.0%	0.2%
1	100.0%	100.0%
2	0.2%	0.2%
3	0.4%	4.1%
4	0.1%	0.1%
5	0.1%	1.7%
6	0.0%	0.0%
7	0.0%	1.7%
8	0.0%	0.1%
9	0.1%	3.0%
10	0.0%	0.1%
11	0.1%	2.7%
12	0.0%	0.1%
13	0.1%	1.6%
14	0.0%	0.1%
15	0.1%	1.1%
16	0.0%	0.0%
17	0.0%	0.7%
18	0.0%	0.0%
19	0.0%	0.7%
20	0.0%	0.0%
21	0.1%	0.7%
22	0.0%	0.0%
23	0.1%	1.1%
24	0.0%	0.1%
25	0.1%	0.5%
26	0.0%	0.0%
27	0.0%	0.5%
28	0.0%	0.0%
29	0.0%	0.3%
30	0.0%	0.0%
31	0.0%	0.4%
32	0.0%	0.0%
33	0.0%	0.2%
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%	0.4%



Type:LED 0121.W.U541.6.600mA Number:1
 Manufacturer: Brasled
 Temperature:25iãC Humidity:60%
 Test Instrument: Lisun WT2080 LED Power Driver Tester
 Operator: Inspector:
 Test Time:2016-10-07

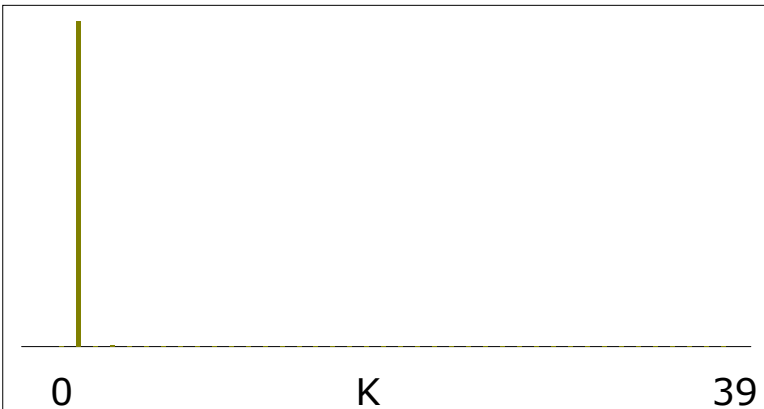
Input Characteristics Test Report [Narrow Band]

Voltage	Current	Power	Power Factor	Frequency
230.86(V)	0.1108(A)	24.92(W)	0.9746	50.00(Hz)

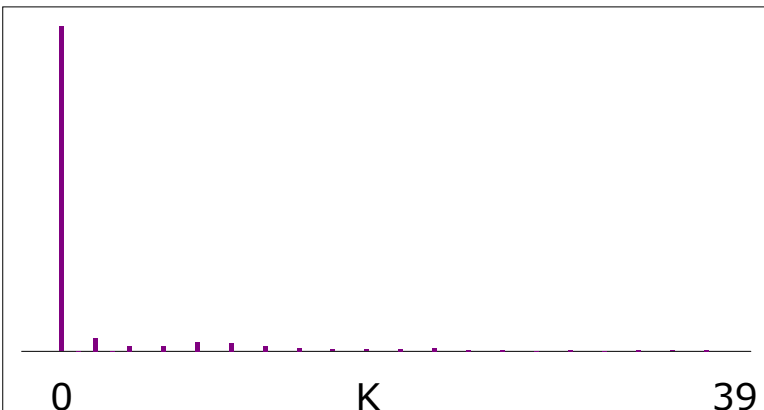


Voltage
Sensitivity: 327.99 V/Div
Peak: 327.99 V

Current
Sensitivity: 0.0807 A
Peak: 0.1615 A
Start Phase: -5.6°
Peak Phase: 74.5°
End Phase: 171.6°



Voltage Spectrum
THD(IEC): 0.53%
H3: 0.43%
H5: 0.11%
H7: 0.04%
H9: 0.07%



Current Spectrum
THD(IEC): 6.9%
H3: 4.07%
H5: 1.65%
H7: 1.70%
H9: 2.97%

Type:LED 0121.W.U541.6.600mA	Number:1
Manufacturer: Brasled	
Temperature:25iãC	Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester	
Operator:	Inspector:
Test Time:2016-10-07	

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

Voltage: 230.86(V)

VCF: 1.421

Vthd(IEC): 0.53%

Voltage Spectrum

Spectrum(k)	Rel.	Abs.(V)
0	0.02%	0.05
1	100.00%	230.88
2	0.20%	0.46
3	0.43%	0.99
4	0.09%	0.20
5	0.11%	0.26
6	0.02%	0.05
7	0.04%	0.09
8	0.01%	0.02
9	0.07%	0.15
10	0.01%	0.02
11	0.07%	0.16
12	0.01%	0.02
13	0.06%	0.14
14	0.01%	0.02
15	0.07%	0.15
16	0.00%	0.00
17	0.02%	0.05
18	0.00%	0.00
19	0.02%	0.03
20	0.00%	0.00
21	0.06%	0.14
22	0.00%	0.01
23	0.05%	0.12
24	0.00%	0.00
25	0.10%	0.22
26	0.01%	0.01
27	0.05%	0.11
28	0.01%	0.02
29	0.04%	0.09
30	0.01%	0.01
31	0.01%	0.03
32	0.00%	0.01
33	0.03%	0.07
34	0.00%	0.01
35	0.01%	0.03
36	0.00%	0.01
37	0.02%	0.05
38	0.00%	0.01
39	0.01%	0.03

Current: 0.1108(A)

ACF: 1.458

Athd(IEC): 6.86%

Current Spectrum

Spectrum(k)	Rel.	Abs.(mA/W)
0	0.22%	0.01
1	100.00%	4.43
2	0.16%	0.01
3	4.07%	0.18
4	0.10%	0.00
5	1.65%	0.07
6	0.02%	0.00
7	1.70%	0.08
8	0.06%	0.00
9	2.97%	0.13
10	0.08%	0.00
11	2.70%	0.12
12	0.06%	0.00
13	1.65%	0.07
14	0.05%	0.00
15	1.07%	0.05
16	0.04%	0.00
17	0.65%	0.03
18	0.03%	0.00
19	0.66%	0.03
20	0.04%	0.00
21	0.72%	0.03
22	0.04%	0.00
23	1.08%	0.05
24	0.07%	0.00
25	0.53%	0.02
26	0.03%	0.00
27	0.51%	0.02
28	0.01%	0.00
29	0.29%	0.01
30	0.01%	0.00
31	0.40%	0.02
32	0.01%	0.00
33	0.24%	0.01
34	0.01%	0.00
35	0.44%	0.02
36	0.03%	0.00
37	0.32%	0.01
38	0.01%	0.00
39	0.41%	0.02

Type:LED 0121.W.U541.6.600mA

Number:1

Manufacturer: Brasled

Humidity:60%

Temperature:25iãC

Test Instrument: Lisun WT2080 LED Power Driver Tester

Operator:

Inspector:

Test Time:2016-10-07

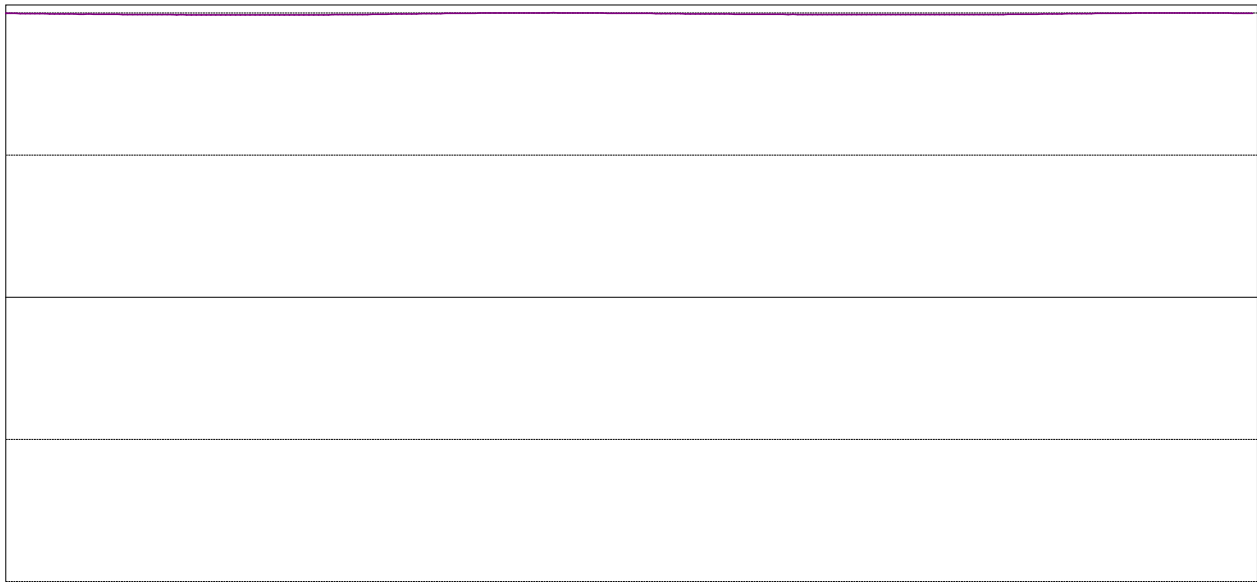
Output

Lamp Voltage(rms):37.95V Lamp Current(rms):0.5877A
Power:22.30W Ripple Current:0.000A Energy Efficiency:0.895

Lamp Voltage Wave



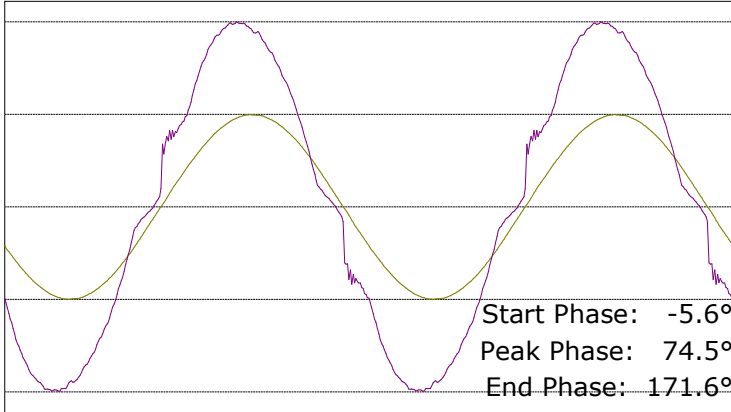
Lamp Current Wave



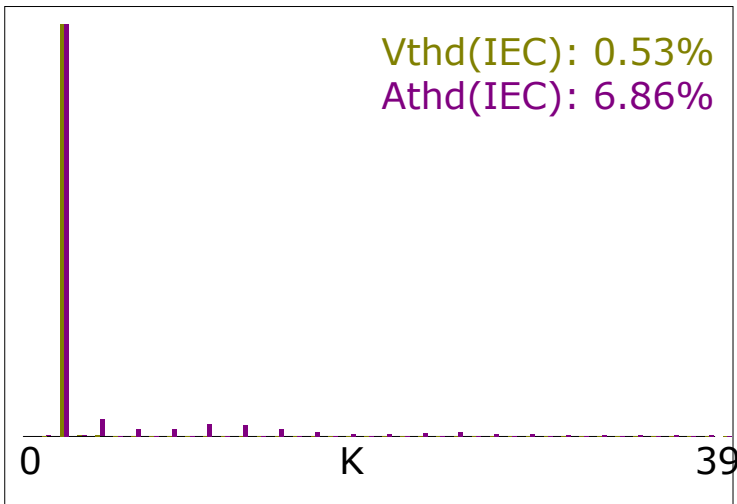
Type:LED 0121.W.U541.6.600mA Number:1
Manufacturer: Brasled
Temperature:25iãC Humidity:60%
Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator: Inspector:
Test Time:2016-10-07

Input & Output Characteristics Test Report

Input Characteristics Test Report [Narrow Band]



Voltage: 230.863(V)
VCF: 1.421
Vthd(IEC): 0.53%
Current: 0.111(A)
ACF: 1.458
Athd(IEC): 6.86%
Power: 24.9(W)
Power Factor: 0.9746
Frequency: 50.00(Hz)



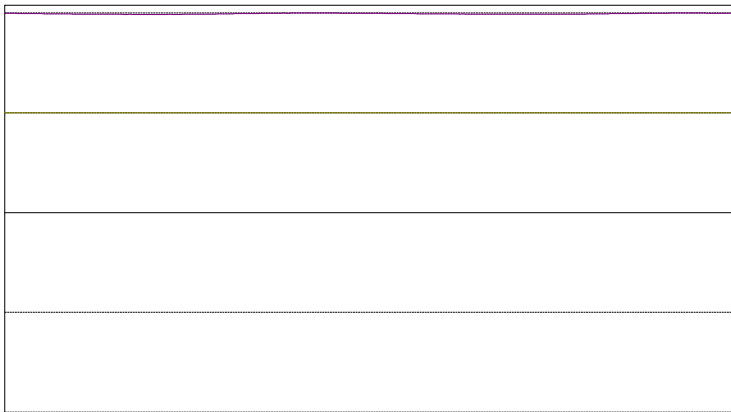
Voltage Spectrum

H3: 0.43%
H5: 0.11%
H7: 0.04%
H9: 0.07%

Current Spectrum

H3: 4.07%
H5: 1.65%
H7: 1.70%
H9: 2.97%

Output characteristics



Lamp Voltage(rms):37.95V
Lamp Current(rms):0.5877A
Power:22.30W
Ripple Current:0.000A
Energy Efficiency:0.895

Type:LED 0121.W.U541.6.600mA
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Test Instrument: Lisun WT2080 LED Power Driver Tester
Operator:
Test Time:2016-10-07

Number:1
Humidity:60%
Inspector: