

Lamp test report

Product Remark

Type:LED ST 150W
TempIn:25.2C
Operator:DR.MOHAMED RABAH
Time:12:18:51

Manufacturer:TEBA UNITED
Humidity:39%
Date:2022-2-8

CIE Color Parameter

Chromaticity Coordinate: x=0.3091 y=0.3378 u=0.1921 v=0.3149 duv=0.0094
CCT: Tc= 6628K
Peak Wave: 444nm
DominantW.: 495.2nm
Purity: 7.9%
Half Wave: 21.7nm
RatioR=12.4% G=84.9% B=2.7%

Rendering Index: Ra= 69.5 Ra'= 58.5

R1 =67	R2 =72	R3 =77	R4 =71	R5 =69	R6 =65	R7 =78	R8 =58
R9 =-42	R10=35	R11=71	R12=46	R13=66	R14=87	R15=60	

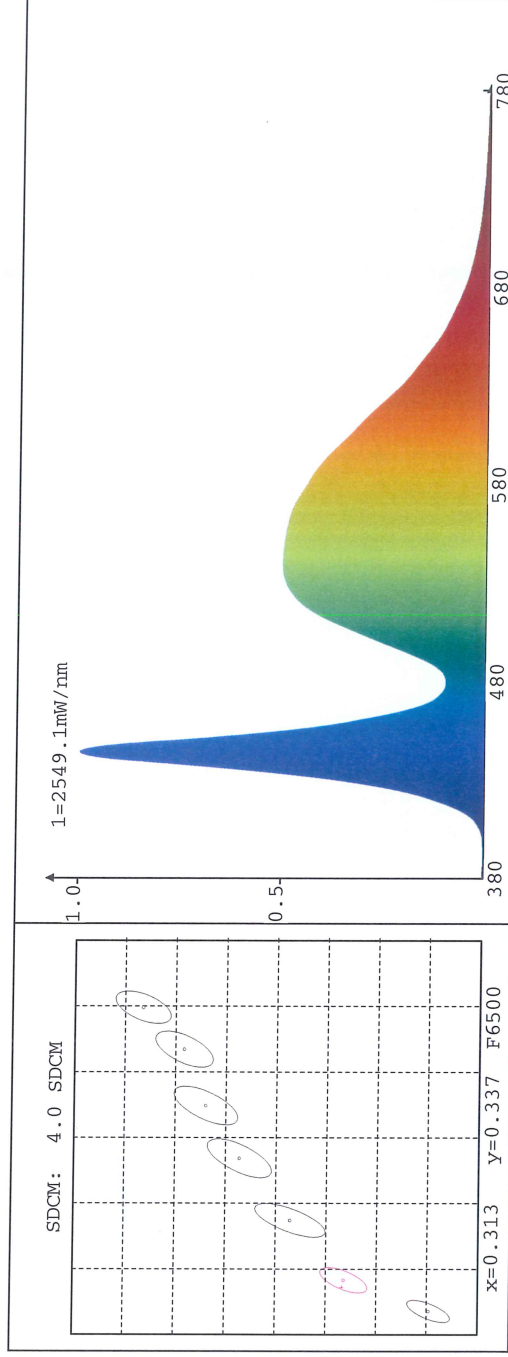


Photo Parameter

Flux: 18196.3 lm

Efficacy:124.9lm/W

Lumi.Pow: 47.389W

Electrical Parameter

Voltage:221.9V

Current:0.674A

Power:145.70W

PF:0.970

Instrument Status

Instrument:HopooHSP5000

TestModel:Exact

Main:3

Reference:2

Lamp:A2856K/763.7lm

Interval:5nm

Id:18

REF:55858

Scan Range:380nm-780nm

PMT Temp:25.6C

Ip:44979

Undulation:-0.315%

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LED Power Driver

Input Properties Test Report

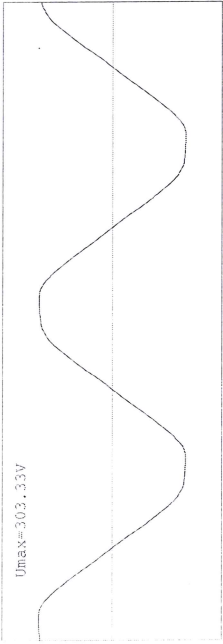
Product Mark
Product Type:LED ST-150W
Temprature:24°C
Operator:Dr.Mohamed Rabah

Manufacturer:TEBA UNITED
Humidity:51%
Test Time:2022-02-09

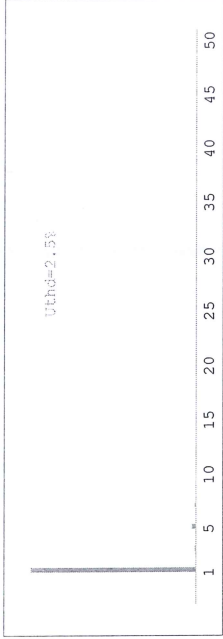
Electrical Parameter

Input Voltage	219.10V	Input NF Current	688.1mA	Input WF Current	693.1mA	Input Frequency	50.07Hz
Peak Voltage	303.33V	Peak Current	999.9mA	CFU	1.38	CFI	1.45
Input Power	146.83W	Power Factor	0.974	WF Power Factor	0.967		
Begin Angle	1.62°	Peak Angle	68.71°	End Angle	164.05°		

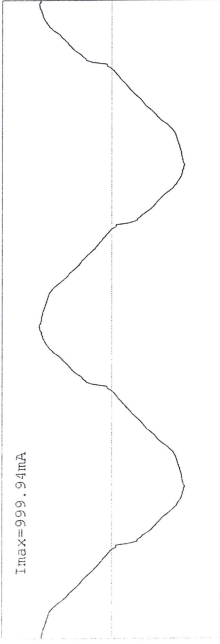
Input Voltage Waveform



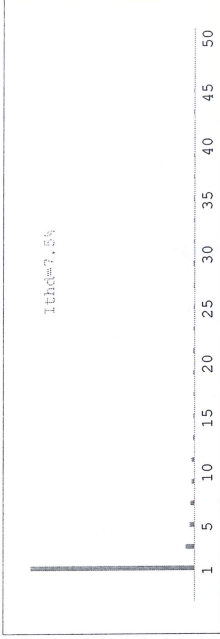
Voltage Harmonic Wave



Input Current Waveform



Current Harmonic Wave



Harmonic Data List

Number	Voltage Harmonic	Current Harmonic	Number	Voltage Harmonic	Current Harmonic
1	100.00%	100.00%	26	0.01%	0.01%
2	0.11%	0.07%	27	0.02%	0.47%
3	0.58%	5.54%	28	0.02%	0.01%
4	0.04%	0.05%	29	0.02%	0.58%
5	2.27%	2.82%	30	0.01%	0.01%
6	0.02%	0.06%	31	0.03%	0.36%
7	0.66%	2.56%	32	0.03%	0.03%
8	0.03%	0.06%	33	0.01%	0.36%
9	0.40%	1.71%	34	0.02%	0.01%
10	0.02%	0.06%	35	0.02%	0.37%
11	0.22%	1.75%	36	0.04%	0.01%
12	0.03%	0.01%	37	0.01%	0.31%
13	0.17%	0.80%	38	0.02%	0.04%
14	0.04%	0.04%	39	0.02%	0.31%
15	0.10%	0.63%	40	0.01%	0.02%
16	0.02%	0.04%	41	0.01%	0.29%
17	0.15%	0.64%	42	0.01%	0.04%
18	0.01%	0.04%	43	0.02%	0.32%
19	0.10%	0.69%	44	0.01%	0.02%
20	0.02%	0.01%	45	0.02%	0.30%
21	0.03%	0.73%	46	0.01%	0.00%
22	0.01%	0.06%	47	0.01%	0.25%
23	0.06%	0.67%	48	0.02%	0.05%
24	0.01%	0.03%	49	0.01%	0.26%
25	0.04%	0.34%	50	0.01%	0.02%

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Rabah

HOPOO Optoelectronics Technology Co.,Ltd

ERC - CUFE

Lamp test report

Product Remark

Type:LED ST 100W
TempIn:24.2C
Operator:DR.MOHAMED RABAH
Time:12:09:45

NO.:1
TempOut:22.1C
Date:2022-2-8

Manufacturer:TEBA UNITED

Humidity:39%

CIE Color Parameter

Chromaticity Coordinate: x=0.3063 y=0.3350 u=0.1912 v=0.3137 duv=0.0095
CCT: Tc= 6801K
Peak Wave: 449nm
DominantW.: 493.6nm
Purity: 9.0%
Half Wave: 23.4nm
RatioR=12.1% G=84.7% B=3.2%

Rendering Index: Ra= 70.2 Ra'= 58.5

R1 =66	R2 =73	R3 =78	R4 =71	R5 =69	R6 =65	R7 =81	R8 =58
R9 =-43	R10=37	R11=68	R12=40	R13=67	R14=88	R15=60	

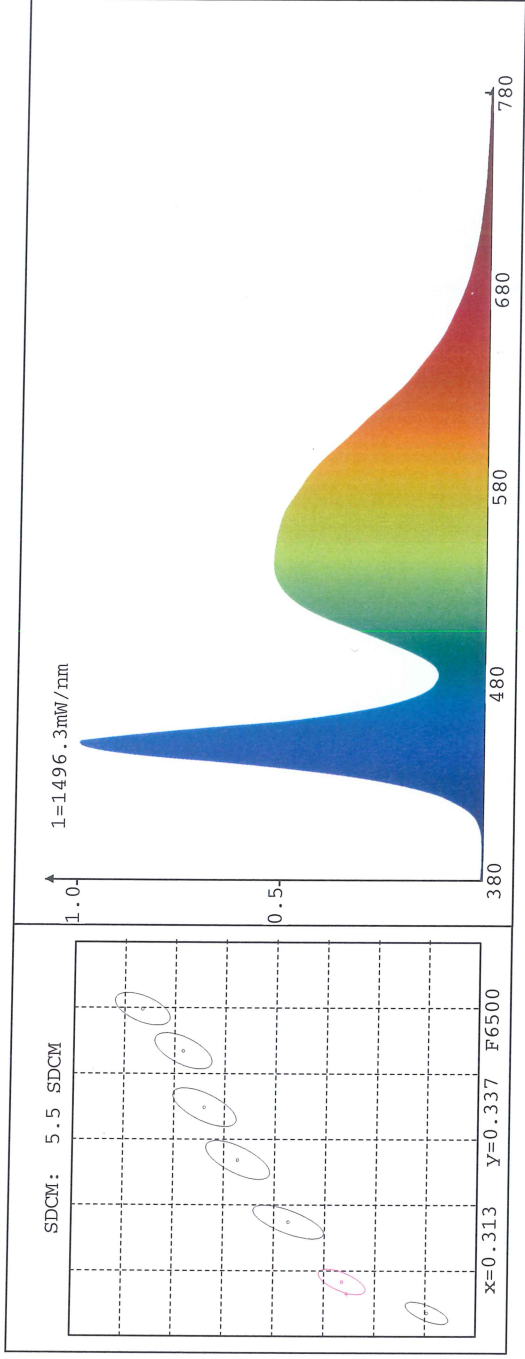


Photo Parameter

Flux: 10939.6 lm

Efficacy:114.4lm/W

Lumi.Pow: 28.379W

Electrical Parameter

Voltage:222.0V

Current:0.435A

Power:95.60W

PF:0.990

Instrument Status

Instrument:HopooHSP5000

TestModel:Exact

Main:3

Reference:2

Lamp:A2856K/763.7lm

Interval:5nm

Id:18

REF:33574

Scan Range:380nm-780nm

PMT Temp:24.9C

Ip:25456

Undulation:-0.292%

Rabah

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LED Power Driver

Input Properties Test Report

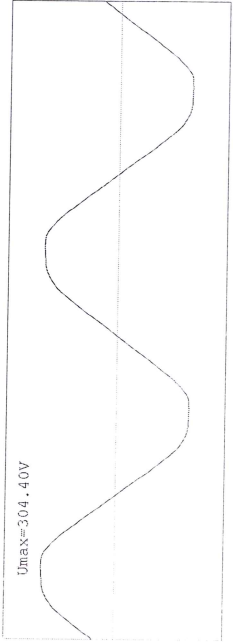
Product Mark
Product Type:LED ST-100W
Temprature:24°C
Operator:Dr.Mohamed Rabah

Manufacturer:TEBA UNITED
Humidity:51%
Test Time:2022-02-09

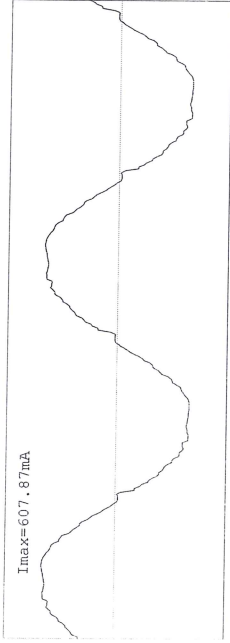
Electrical Parameter

Input Voltage	219.99V	Input NF Current	448.0mA	Input WF Current	451.3mA	Input Frequency	50.08Hz
Peak Voltage	304.40V	Peak Current	607.9mA	CFU	1.38	CFI	1.35
Input Power	97.61W	Power Factor	0.991	WF Power Factor	0.983		
Begin Angle	3.24°	Peak Angle	-163.79°	End Angle	165.07°		

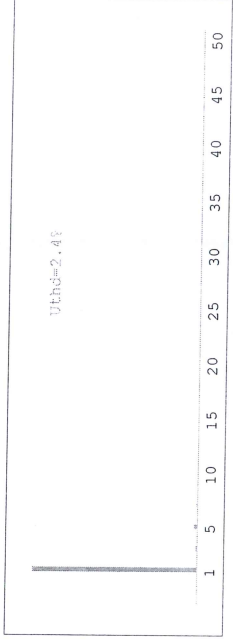
Input Voltage Waveform



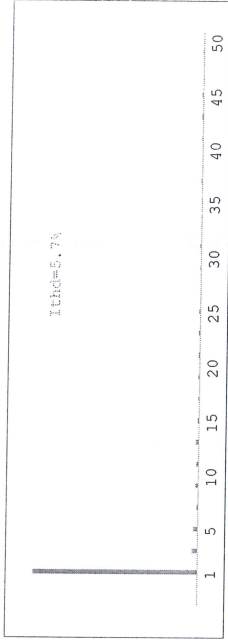
Input Current Waveform



Voltage Harmonic Wave



Current Harmonic Wave



Harmonic Data List

Number	Voltage Harmonic	Current Harmonic	Number	Voltage Harmonic	Current Harmonic
1	100.00%	100.00%	26	0.06%	0.07%
2	0.18%	0.13%	27	0.09%	0.21%
3	0.69%	3.36%	28	0.05%	0.06%
4	0.07%	0.10%	29	0.09%	0.35%
5	2.14%	2.70%	30	0.05%	0.08%
6	0.07%	0.06%	31	0.03%	0.70%
7	0.66%	0.70%	32	0.05%	0.05%
8	0.03%	0.06%	33	0.06%	0.11%
9	0.31%	1.70%	34	0.04%	0.05%
10	0.03%	0.12%	35	0.05%	0.16%
11	0.14%	1.22%	36	0.05%	0.08%
12	0.06%	0.09%	37	0.05%	0.67%
13	0.24%	1.74%	38	0.04%	0.02%
14	0.06%	0.02%	39	0.05%	0.13%
15	0.03%	0.75%	40	0.03%	0.05%
16	0.04%	0.07%	41	0.04%	0.30%
17	0.22%	0.49%	42	0.04%	0.04%
18	0.08%	0.05%	43	0.05%	0.67%
19	0.10%	0.85%	44	0.03%	0.01%
20	0.06%	0.04%	45	0.02%	0.71%
21	0.08%	0.53%	46	0.04%	0.10%
22	0.04%	0.04%	47	0.03%	0.24%
23	0.06%	0.73%	48	0.03%	0.07%
24	0.05%	0.04%	49	0.05%	0.38%
25	0.05%	0.81%	50	0.03%	0.07%

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