

Appliance No. : LED Lamps (Internal Converter Type)-No : 687

Validation period : 2012.11.27~2015.11.26



고효율기자재

Certificate of High efficiency energy using appliance

- ① Company Name(Company ID No)
Semi-Lighting Co.,Ltd (134211-0103533)
- ② Office Address
#328-32 Docheogwit-ro Gwangju-si
Gyeonggi-do Korea
- ③ Factory Address
#328-32 Docheogwit-ro Gwangju-si
Gyeonggi-do Korea

④ Certified Appliance

Characteristics of the Appliance

1. Power Factor : 0.92 2. THD : 8.0%
3. Color Temperature : 4,986 K 4. Color Rendering Index : 84
5. Luminous Source and Package Manufacturer(SAMSUNG LED)

Appliance : LED Lamps (Internal Converter Type)

Type : LED Lamps (Internal Converter Type)

Model : LUCIA60

Capacity : 60W

Efficiency : Luminous efficiency : 131 lm/W

This is to certify that the appliance above has been certified as High efficiency energy using appliance in accordance with the Rationalization of Energy Utilization Act clause 4, Article 22.

November 27, 2012.

Korea Energy Management Corporation



<Date of the Initial Certification> 2012.11.27

Reference : This certificate is valid for three years from the date of issue. It is necessary to make an application within 90 days before the expiry date if your company wants to extend the validity period.



Korea Testing Certification

Test Report

Report No. : T2014-02034

Company : SEMI LIGHTING
Representative : Choi Seung Ja
Address : #328-32 Docheogwit-ro Gwangju-si Gyeonggi-do Korea

- 1. Product Name : Self-ballasted LED Lamp
- Type and Model : AC 220 V, 60 Hz, 60 W [Model : LUCIA 60A]
- 2. Use of Report : Purpose of Self Analysis
- 3. Date of Receipt : 2014.03.03
- 4. Date of Test : 2014.03.03 - 2014.03.13
- 5. Testing Method : KS C 8000 (2007) and Standards presented by the client
- 6. Test Results : As stated in the annexed paper



Tested by : Kim, Sung-Hyun

Approved by : Oh, Pyung Sik

- 1. This report is based on the test and analysis performed with the sample(s) submitted by the client. Therefore, the report does not guarantee the quality of entire products
- 2. This report should not be used for advertising, lawsuit, etc. without any official permission of KTC. It is only used for the purpose of the quality test,
- 3. The copy of this report is invalid for use.

2014 . 03 . 13



President


Korea Testing Certification

www.ktc.re.kr 435-862 22, Heungan-daero 27beon-gil, Gunpo-si, Gyeonggi-do
TEL : +82-31-455-7654, FAX : +82-31-455-7307



Test Result

Report No. : T2014-02034

Test Items	Standard	Unit	Result
Luminous Intensity Distribution	KS C 8000 ANNEX 1	-	Documents Attached
Lamp Wattage	Measurement Value	W	60.1
Total Luminous Flux	Measurement Value	lm	8 825
Luminous Efficiency	Calculated Value	lm/W	146.8
Color Rendering Index	Measurement Value	-	85
Correlated Color Temperature	Measurement Value	K	5 282
Remarks : 1. Test Environment : Temperature (°C) : 25 ± 1 , Humidity (% R.H.) : 55 ± 10 2. The numerical results of the above test result are based on KS Q 5002 (the statistical description of data).			
Sample Photo			
			





Korea Testing Certification

Test Report

Report No. : T2014-02035

Company : SEMI LIGHTING
 Representative : Choi Seung Ja
 Address : #328-32 Docheogwit-ro Gwangju-si Gyeonggi-do Korea

- 1. Product Name : Self-ballasted LED Lamp
 - Type and Model : AC 220 V, 60 Hz, 90 W [Model : LUCIA 90A]
- 2. Use of Report : Purpose of Self Analysis
- 3. Date of Receipt : 2014.03.03
- 4. Date of Test : 2014.03.03 - 2014.03.13
- 5. Testing Method : KS C 8000 (2007) and Standards presented by the client
- 6. Test Results : As stated in the annexed paper

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Test Result

Report No. : T2014-02035

Test Items	Standard	Unit	Result
Luminous Intensity Distribution	KS C 8000 ANNEX 1	-	Documents Attached
Lamp Wattage	Measurement Value	W	88.4
Total Luminous Flux	Measurement Value	lm	12 356
Luminous Efficiency	Calculated Value	lm/W	139.8
Color Rendering Index	Measurement Value	-	85
Correlated Color Temperature	Measurement Value	K	5 352

Remarks : 1. Test Environment : Temperature (℃) : 25 ± 1 , Humidity (% R.H.) : 55 ± 10
 2. The numerical results of the above test result are based on KS Q 5002 (the statistical description of data).

Sample Photo

