

Appliance No. : Inner-Wall or Fixed Type LED Lighting Equipment-No : 2658

Validation period : 2013.03.13~2016.03.12



고효율기자재

## Certificate of High efficiency energy using appliance

① Company Name(Company ID No)  
SEMI LIGHTING (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 : 0.96
2. THD : 12.6%
3. Color Temperature : 5,090 K
4. Color Rendering Index : 88.3
5. Luminous Source and Package(SAMSUNG)
6. LED Converter Manufacturer: Goni Electronics (All in one KC, HH11755-12005)

Appliance : Inner-Wall or Fixed Type LED Lighting Equipment

Type : Fixed Type LED Lighting Equipment

Model : LUCIA60-1

Capacity : 60W

Efficiency : Luminaire efficiency 127.2 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.

March 13, 2013.

Korea Energy Management Corporation



<Date of the Initial Certification> 2013.03.13

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. : T2014-02288

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

- 1. Product Name : Fixed LED luminaires  
- Type and Model : 220 V~, 60 Hz, 60 W [ MODEL: LUCIA60-1A ]
- 2. Use of Report : Use for Quality Control
- 3. Date of Receipt : 2014.03.07
- 4. Date of Test : 2014.03.07 - 2014.03.17
- 5. Testing Method : KS C 8000 : 2007 and Standards at the client's request
- 6. Test Results : as stated in the annexed paper

副本

Tested by : Ji, Seung Ryeol

지승열 (서명)

Approved by : Oh, Pyung Sik

오병식 (서명)

- 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 . 18



President

Choi Kapshung (Handwritten Signature)

## Korea Testing Certification

www.ktc.re.kr 435-862 22, Heungan-daero 27beon-gil, Gunpo-si, Gyeonggi-do  
TEL : +82-31-428-7441, FAX : +82-31-455-7644



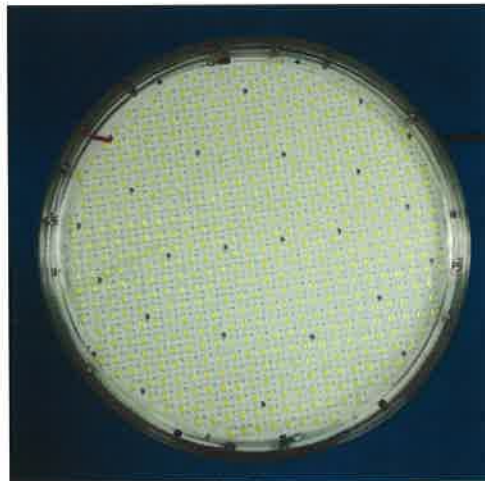
# Test Result

Report No. : T2014-02288

Test Subject	Test Requirement	Unit	Test result
Intensity distribution	Test by KS C 8000 annex 1	-	Attached
Input Wattage	Measured Value	W	59.6
Luminous Flux	Measured Value	lm	8 637
Luminous Efficiency	Calculated Value	lm/W	145.0
Color Temperature (CCT)	Measured Value	K	5 140
Color Rendering Index (CRI)	Measured Value	-	83

Note

- Figures are determined by KS Q 5002 : 2008 (Statistical presentation of data)
- Environment : Temperature : ( 25 ± 5 ) °C, Relative Humidity : ( 55 ± 10 ) % R.H.
- Product picture





Korea Testing Certification

# Test Report

Report No. : T2014-02289

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

- 1. Product Name : Fixed LED luminaires  
 - Type and Model : 220 V~, 60 Hz, 90 W [ MODEL: LUCIA90-1A]
- 2. Use of Report : Use for Quality Control
- 3. Date of Receipt : 2014.03.07
- 4. Date of Test : 2014.03.07 - 2014.03.17
- 5. Testing Method : KS C 8000 : 2007 and Standards at the client's request
- 6. Test Results : as stated in the annexed paper

副本

Tested by : Ji, Seung Ryeol

지승열

Approved by : Oh, Pyung Sik

오병식

- 1. This report is based on the test and analysis performed with the sample(s) submitted by the client.  
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President

Choi Kapjung

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Korea Testing Certification

# Test Result

Report No. : T2014-02289

Test Subject	Test Requirement	Unit	Test result
Intensity distribution	Test by KS C 8000 annex 1	-	Attached
Input Wattage	Measured Value	W	90.0
Luminous Flux	Measured Value	lm	12 237
Luminous Efficiency	Calculated Value	lm/W	135.9
Color Temperature (CCT)	Measured Value	K	5 150
Color Rendering Index (CRI)	Measured Value	-	83

**Note**

1. Figures are determined by KS Q 5002 : 2008 (Statistical presentation of data)
2. Enviroment : Temperature : ( 25 ± 5 ) ℃, Relative Humidity : ( 55 ± 10 ) % R.H.
3. Product picture

