

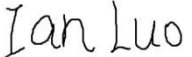
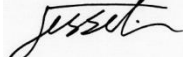
# Corrosion Test TEST REPORT

Of ISO 9227-2022 Applied for SASO-2927

|                                                                  |                                                                                                                                                                                                         |
|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Kunde:</b><br><i>Client:</i>                                  | MIC Optoelectronic Co., Ltd                                                                                                                                                                             |
| <b>Adresse:</b><br><i>Address:</i>                               | 2nd floor,Third Building, 97# AiNan Road,LongDong, BaoLong Street, LongGang District, Shenzhen, China                                                                                                   |
| <b>Hersteller:</b><br><i>Manufacturer:</i>                       | MIC Optoelectronic Co., Ltd                                                                                                                                                                             |
| <b>Adresse:</b><br><i>Address:</i>                               | 2nd floor,Third Building, 97# AiNan Road,LongDong, BaoLong Street, LongGang District, Shenzhen, China                                                                                                   |
| <b>Name der Marke:</b><br><i>Brand Name:</i>                     | MIC                                                                                                                                                                                                     |
| <b>Beschreibung des Produkts:</b><br><i>Product Description:</i> | LED Street Light                                                                                                                                                                                        |
| <b>Modelle:</b><br><i>Models:</i>                                | MSL-F240                                                                                                                                                                                                |
| <b>Bewertung:</b><br><i>Rating:</i>                              | AC100-277V, 50/60Hz, 240W                                                                                                                                                                               |
| <b>Verfahren:</b><br><i>Method:</i>                              | SASO 2927: 2019:Energy efficiency functionality and labelling requirements for lighting products – Part 3: Street lighting<br>ISO 9227-2022: Corrosion tests in artificial atmospheres—Salt spray tests |
| <b>Prüfergebnis*:</b><br><i>Test result*:</i>                    | /                                                                                                                                                                                                       |

|                                                   |                                                     |                                                   |                                                     |
|---------------------------------------------------|-----------------------------------------------------|---------------------------------------------------|-----------------------------------------------------|
| <b>Datum der Prüfung:</b><br><i>Date of Test:</i> | <b>Datum der Emission:</b><br><i>Date of Issue:</i> | <b>Klassifizierung:</b><br><i>Classification:</i> | <b>Gegenstand der Prüfung:</b><br><i>Test item:</i> |
| 10-03-2025~26-06-2025                             | 07-07-2025                                          | Commission Test                                   | Corrosion Test                                      |

**Prüflabor (Testlabor) / Testing Laboratory:**  
Shenzhen Southern LCS Compliance Testing Laboratory Ltd.  
101-201, No.39 Buliding, Xialang Industrial Zone, Heshuikou Community,  
Matian Street, Guangming District, Shenzhen, China

|                                                                                                                                                     |                                                                                                                                        |                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Prepare von/Prepare by:</b><br><br>Seth Cai/ Project Engineer | <b>Check von/Check by:</b><br><br>Ian Luo/ Director | <b>Genehmigt von/Approved by:</b><br><br>Jesse Liu/ Manager |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

**Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.**

*Remark: The duplication of this report or parts of it and its use for advertising purposes is only allowed with permission of the testing laboratory. This report contains the result of examination of the product sample submitted by the applicant. A general statement concerning the quality of the products from the series manufacturer cannot be derived therefore.*

TRF-4-S-156 A/O



Shenzhen Southern LCS Compliance Testing Laboratory Ltd.  
Add: 101-201, No.39 Buliding, Xialang Industrial Zone, Heshuikou Community, Matian Street Guangming New District, Shenzhen,Guangdong Prov. 518000 China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

## Test Item: Corrosion Test

### 1. Environment conditions:

Temperature:24.9℃      Humidity:54%RH

### 2. Tested Sample:

| Sample No. | Sample Name      | Sample Type | Sample Quantity |
|------------|------------------|-------------|-----------------|
| 001        | LED Street Light | MSL-F240    | 1PC             |

### 3. Reference Basis: ISO 9227-2022

### 4. Test Condition:

1. Saline Concentration: 5%NaCl
2. PH Value:7.0
3. Salt Buckets Temperature: 35℃
4. Pressure Buckets Temperature: 47℃
5. Spray Volume: 1.5 ml/ 80cm<sup>2</sup> /h
6. Spray Time:2500H.

### 5. Test Equipment:

| Sequence | Equipment Name    | Equipment No. | Valid Date to      |
|----------|-------------------|---------------|--------------------|
| 1        | Salt spray tester | LCS-S-562     | September 17, 2025 |

### 6. Assignment of ratings

Table 1 — Protection ( $R_p$ ) and appearance ( $R_A$ ) ratings

| Area of defects<br>$A$ (%) | Rating<br>$R_p$ or $R_A$ |
|----------------------------|--------------------------|
| No defects                 | 10                       |
| $0 < A \leq 0,1$           | 9                        |
| $0,1 < A \leq 0,25$        | 8                        |
| $0,25 < A \leq 0,5$        | 7                        |
| $0,5 < A \leq 1,0$         | 6                        |
| $1,0 < A \leq 2,5$         | 5                        |
| $2,5 < A \leq 5,0$         | 4                        |
| $5,0 < A \leq 10$          | 3                        |
| $10 < A \leq 25$           | 2                        |
| $25 < A \leq 50$           | 1                        |
| $50 < A$                   | 0                        |

TRF-4-S-156 A/0



Shenzhen Southern LCS Compliance Testing Laboratory Ltd.  
 Add: 101-201, No.39 Buliding, Xialang Industrial Zone, Heshuikou Community, Matian Street Guangming New District, Shenzhen,Guangdong Prov. 518000 China  
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
 Scan code to check authenticity



**7. Test Results:**

| Sample No. | Test result                                                     |
|------------|-----------------------------------------------------------------|
| 001        | After the test, the sample appearance has no obvious corrosion. |



TRF-4-S-156 A/0



Shenzhen Southern LCS Compliance Testing Laboratory Ltd.  
Add: 101-201, No.39 Buliding, Xialang Industrial Zone, Heshuikou Community, Matian Street Guangming New District, Shenzhen,Guangdong Prov. 518000 China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

## 8. Test Photo

### Sample Photo before the Test:



Appearance Inspection-Front

### Sample Photo during the Test:



### Sample Photo after the Test:



Appearance Inspection-Front

----- End of test report -----

TRF-4-S-156 A/0



Shenzhen Southern LCS Compliance Testing Laboratory Ltd.  
Add: 101-201, No.39 Buliding, Xialang Industrial Zone, Heshuikou Community, Matian Street Guangming New District, Shenzhen,Guangdong Prov. 518000 China  
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity