



## Technical Report No. 64.140.17.06083.01

Rev. 00

Dated 2017-10-26

Client: JRL INTERNATIONAL LIMITED  
No.20 Jianlong street, Jianlong Village, Longgang District, Shenzhen, 518115, China

Manufacturing place: Manufacturer's name: Same as above  
Address: Same as above  
Factory's name: Same as above  
Address: Same as above

Test subject: Product: LED strip  
Type: LEDLINE FLEX SIDE, LEDLINE FLEX MINI, COVEFLEX

Test specification: EN 60598-1:2015 clause 13

Purpose of examination:

- inspection according to specified requirements to realize the conformity with the Produktsicherheitsgesetz - ProdSG, version Nov 08, 2011
- inspection according to specified requirements to realize the observance of the protection aims of the following EC directives:
  - LVD directive 2014/35/EU
  - EMC directive 2014/30/EU
- Test according to the test specification

Test result: The test results show that the presented product is in compliance with the specified requirements

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## Description of the test subject

### 1.1 Function

- Manufacturer's specification for intended use:  
LED strip
- Manufacturer's specification for predictive misuse:

### 1.2 Consideration of the foreseeable misuse

- Not applicable
- Covered through the applied standard
- Covered by the following comment
- Covered by attached risk analysis

### 1.3 Technical Data

Model : LEDLINE FLEX SIDE, LEDLINE FLEX MINI, COVEFLEX  
Rated Voltage (V) : DC 24V  
Protection Class : Class III  
Rated wattage(W) : 12W/meter for COVEFLEX, 10W/meter for LEDLINE FLEX  
MINI and LEDLINE FLEX SIDE

## 2 Order

### 2.1 Date of Purchase Order, Customer's Reference

2017-10-23

### 2.2 Receipt of Test Sample, Location

2017-10-23, Guangzhou

### 2.3 Date of Testing

2017-10-23 to 2017-10-26

### 2.4 Location of Testing

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch

### 2.5 Points of Non-compliance or Exceptions of the Test Procedure

None

## 3 Test Results

### 3.1 Positive Test Results



<b>13</b>	<b>RESISTANCE TO HEAT, FIRE AND TRACKING</b>				<b>P</b>
13.3.2	Glow-wire test (650°C).....:	See Test Table 13.3.2			<b>P</b>
13.3.2	<b>TABLE: Glow-wire test (IEC 60695-2-11)</b>				<b>P</b>
<b>Glow wire temperature .....</b> :		<b>650°C</b>			<b>—</b>
Object/ Part No./ Material	Manufacturer/ trademark	Duration of application of test flame (ta); (s)	Ignition of specified layer Yes/No	Duration of burning (tb) (s)	Verdict
Enclosure of LEDLINE FLEX SIDE	-	30	No	0	P
Enclosure of LEDLINE FLEX MINI	-	30	No	0	P
Enclosure of COVEFLEX	-	30	No	0	P
Any flame or glowing of the sample extinguished within 30 s of withdrawing the glow-wire, and any burning or molten drop did not ignite the underlying parts (Yes/No).....:					Yes
Supplementary information: -					

**4 Documentation**


- Photo documentation

**5 Summary**

The test specifications are met.

**TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch  
TÜV SÜD Group**

Engineer:

  
Ian Pan

Technical Report checked:


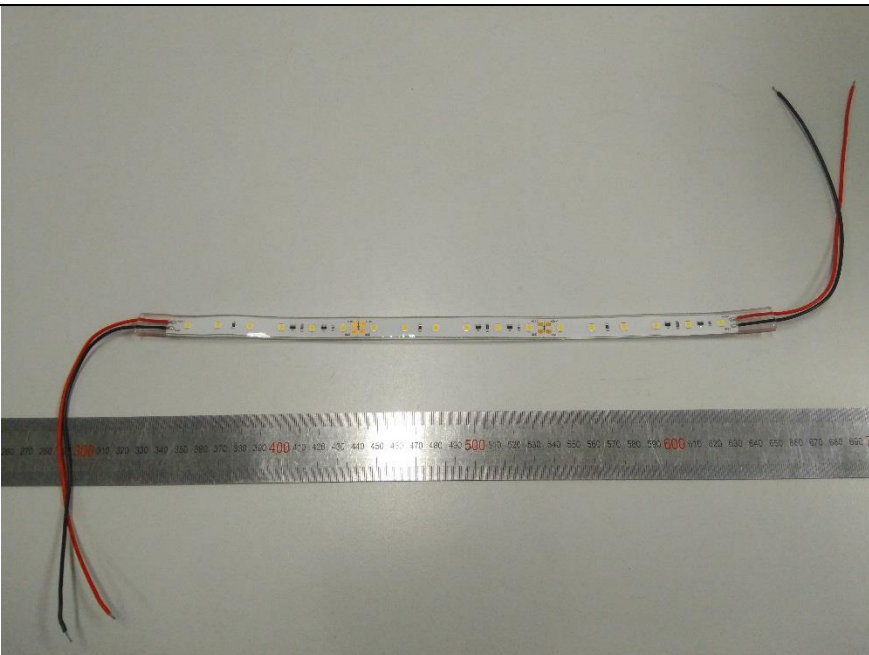
  
Kenny Chen

Photo documents

Details of:

COVEFLEX view

View:	
<input type="checkbox"/> general <input type="checkbox"/> front <input type="checkbox"/> rear <input type="checkbox"/> right <input type="checkbox"/> left <input type="checkbox"/> top <input type="checkbox"/> bottom	

Details of:

LED

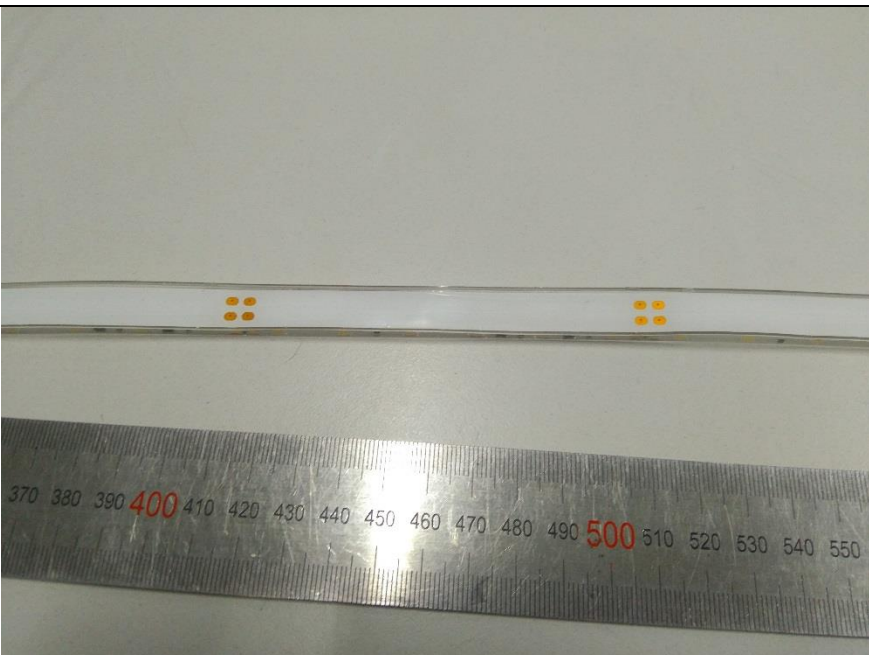
View:	
<input type="checkbox"/> general <input type="checkbox"/> front <input type="checkbox"/> rear <input type="checkbox"/> right <input type="checkbox"/> left <input type="checkbox"/> top <input type="checkbox"/> bottom	

Photo documents

Details of:

Back

<p>View:</p> <p><input type="checkbox"/> general</p> <p><input type="checkbox"/> front</p> <p><input type="checkbox"/> rear</p> <p><input type="checkbox"/> right</p> <p><input type="checkbox"/> left</p> <p><input type="checkbox"/> top</p> <p><input type="checkbox"/> bottom</p>	
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Details of:

LEDLINE FLEX MINI view

<p>View:</p> <p><input type="checkbox"/> general</p> <p><input type="checkbox"/> front</p> <p><input type="checkbox"/> rear</p> <p><input type="checkbox"/> right</p> <p><input type="checkbox"/> left</p> <p><input type="checkbox"/> top</p> <p><input type="checkbox"/> bottom</p>	
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Photo documents

Details of:

Side

View:	
<input type="checkbox"/> general <input type="checkbox"/> front <input type="checkbox"/> rear <input type="checkbox"/> right <input type="checkbox"/> left <input type="checkbox"/> top <input type="checkbox"/> bottom	

Details of:

LEDLINE FLEX SIDE view

View:	
<input type="checkbox"/> general <input type="checkbox"/> front <input type="checkbox"/> rear <input type="checkbox"/> right <input type="checkbox"/> left <input type="checkbox"/> top <input type="checkbox"/> bottom	

Photo documents

Details of:

Wire inlet

View:	
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