

## Test Report

Report No.: GZES191102652431

Date: 2019-11-11

The following sample(s) was/were submitted and identified on behalf of the client as:

Applicant: Green LED Lighting Solutions LLC  
6230 W Desert Inn Rd Las Vegas NV 89146 United States

Manufacturer: —

Testing location/address: SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch  
198 Kezhu Road, Science City, Economic & Technology Development Area,  
Guangzhou, Guangdong, China

Test object / Model: Light Strip, Silicone Light Strip /  
Neon Flex: S 160, S 270, Wave, Wave Mini, Wave 320, Contour, Basic,  
Landscape, Silicone Flex: S 160, S 270, Wave, Wave Mini, Contour, Seamless  
Injection Molded Connectors

Rating: —

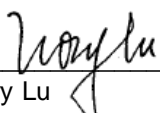
Test specifications / Test standard: IPX8 test / Sub-Clause 9.2.9 of EN 60598-1:2015


Purpose of examination: Test according to the test specification

Test result: In the opinion of SGS – CSTC the presented appliance was found to be in compliance with the test specification as indicated in the details on the following pages.

Remark: Throughout this report a comma is used as the decimal separator.  
When determining for test conclusion, measurement uncertainty of tests has been considered.  
It is a commission test report.



  
Ivory Lu  
Reviewer  
E&E Safety Laboratory

  
Kenneth Wei  
Project Engineer

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### Copy of marking plate

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### Summary of testing:

The test was performed according to particular requirements of client.

Fox IPX8:

The test is made by completely immersing the enclosure in water in its service position as specified by the manufacturer so that the following conditions are satisfied:

1. The appliance was subjected to a water pressure of 1,3 times that pressure which immersing 2,0 m depth in water.
2. The duration of the test is 4 hours.

After test, no water entered into the product.

The test date referred to the report GZES181100326531.

### Test item particulars..... :

Equipment mobility.....: Portable  
 Operating condition.....: Continuous  
 Class of equipment.....: —  
 Mass of equipment.....: 0,74 kg  
 Supply construction.....: —

### Possible test case verdicts:

- test case does not apply to the test object .....: N/A (not applicable)  
 - test object does meet the requirement .....: P (Pass)  
 - test object does not meet the requirement .....: F (Fail)

### Testing

Date of receipt of test item .....: 2018-11-19  
 Date (s) of performance of tests .....: 2018-11-19 to 2018-11-20

### General product information:

LED Neon Ribbon Light, LED Crystal Ribbon Light, Silicone injection molding lighting chain.  
 This report is based on the test report GZES181100326531 dated on 2018-11-20.

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### Test Results:

Clause 9 of IEC 60598-1 and/or EN 60598-1		
Clause	Remarks	Verdict
9.2.0 Solid-object-proof luminaires IP2X		N/A
9.2.0 Solid-object-proof luminaires IP3X		N/A
9.2.0 Solid-object-proof luminaires IP4X		N/A
9.2.1 Dust-proof luminaires IP5X		N/A
9.2.2 Dust-tight luminaires IP6X		N/A
9.2.3 Drip-proof luminaires IPX1		N/A
9.2.4 Rain-proof luminaires IPX3		N/A
9.2.5 Splash-proof luminaires IPX4		N/A
9.2.6 Jet-proof luminaires IPX5		N/A
9.2.7 Powerful water jet-proof luminaires IPX6		N/A
9.2.8 Watertight luminaires IPX7		N/A
9.2.9 Pressure watertight luminaires IPX8	IPX8 test for lamp part only, not include the connecting leads.	P

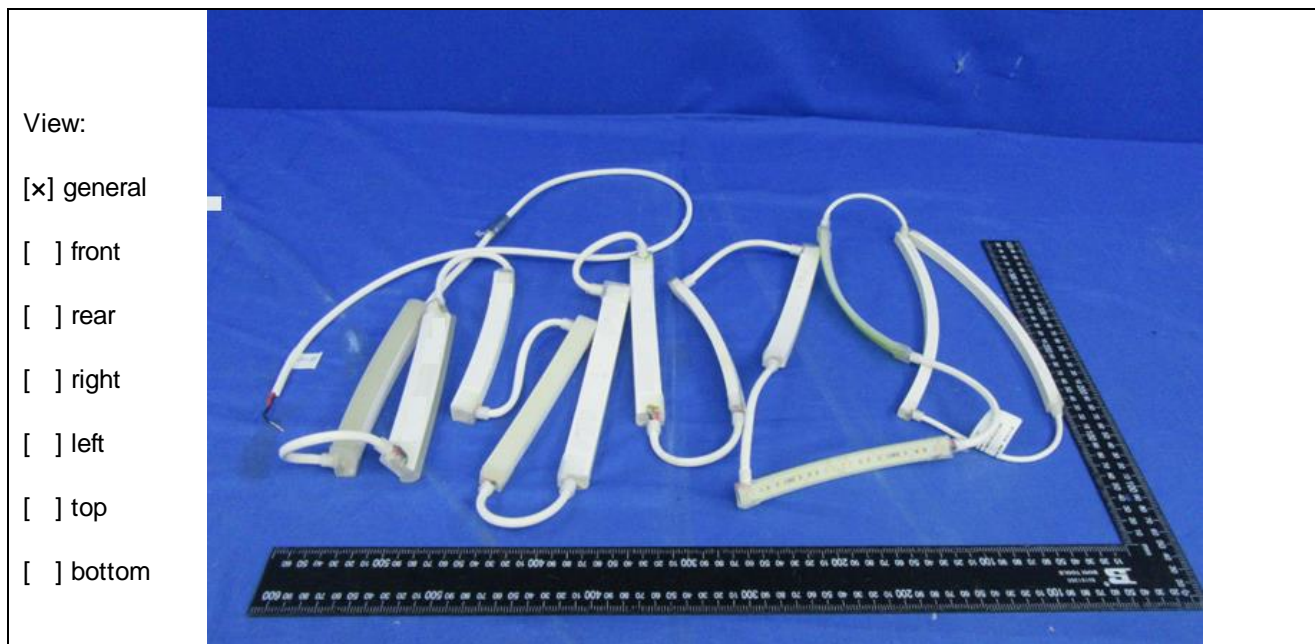
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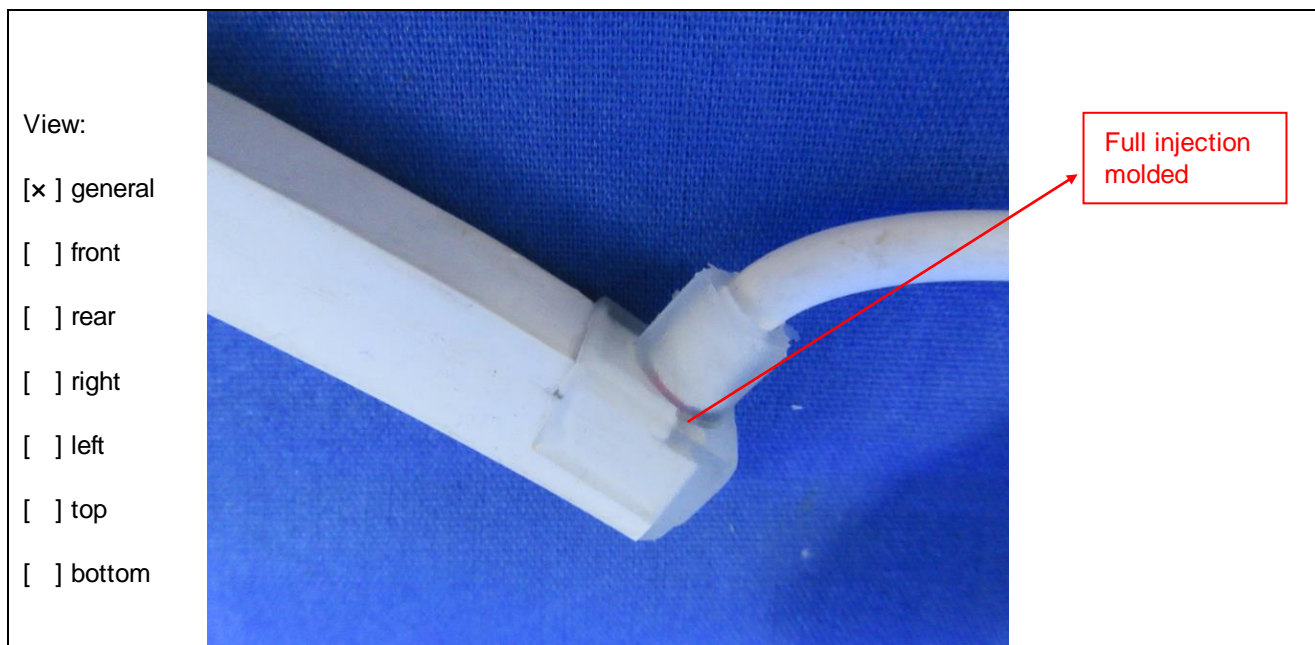
Date: 2019-11-11

### Photo documentation

Details of: General View



Details of: Input wire inlet view

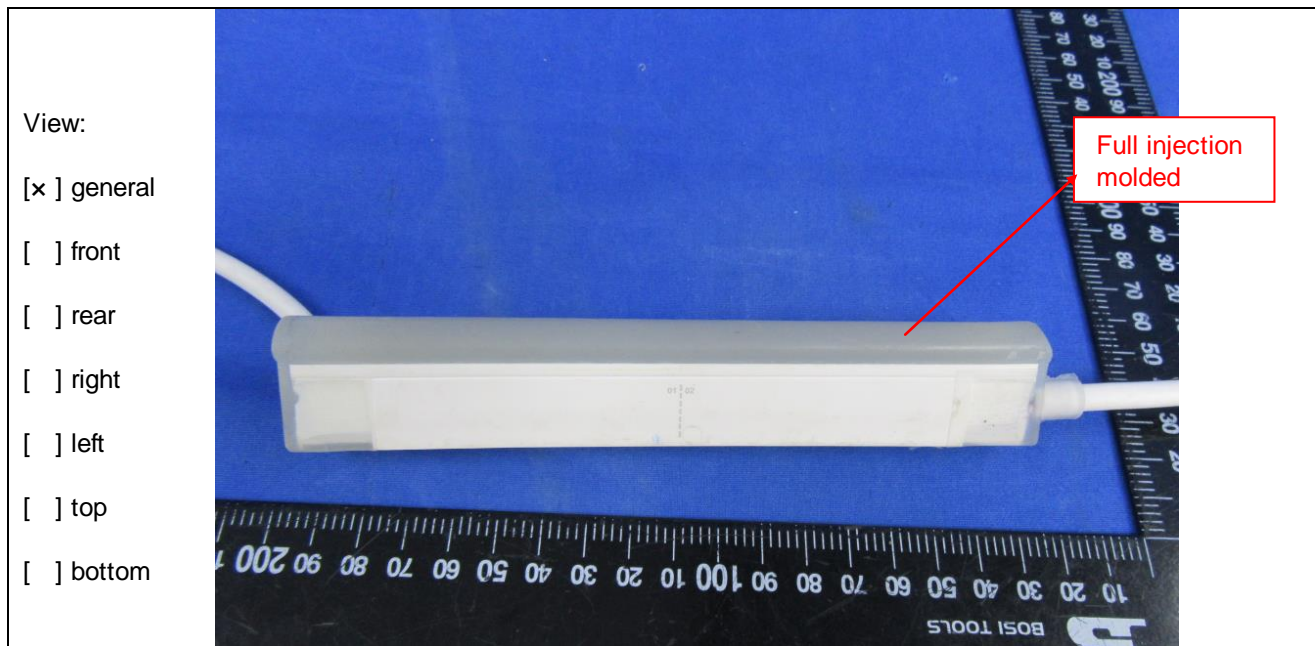


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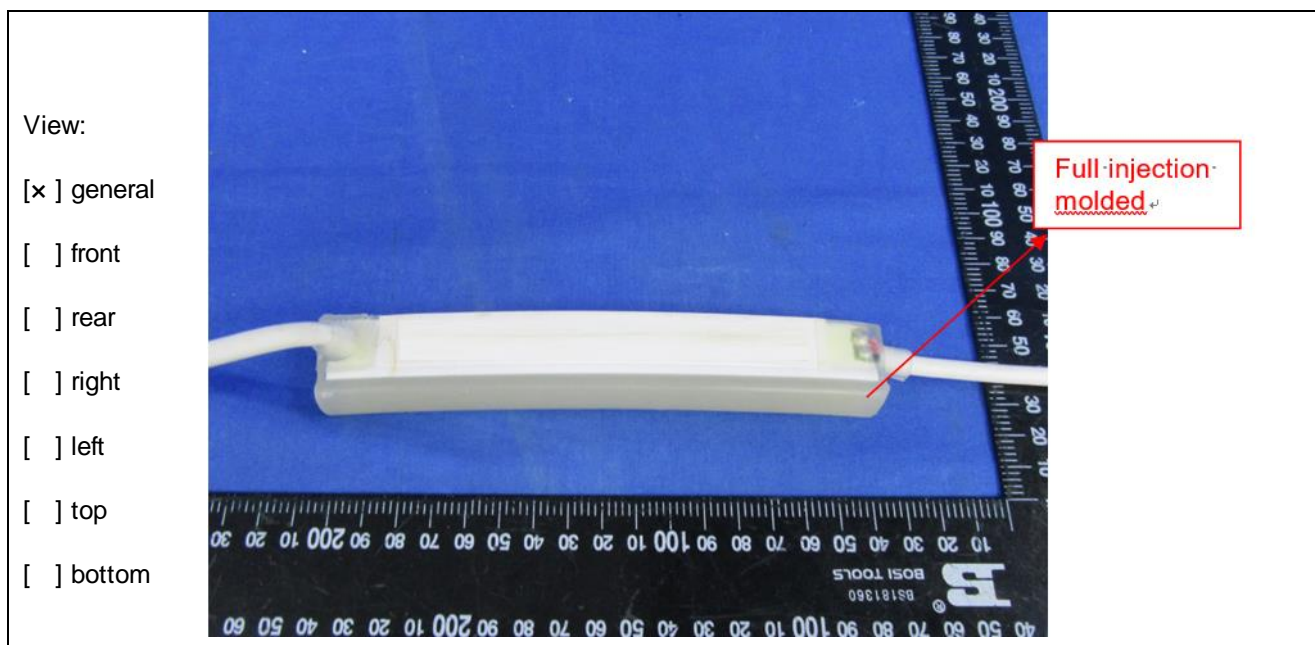
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Details of: LED module



Details of: LED module



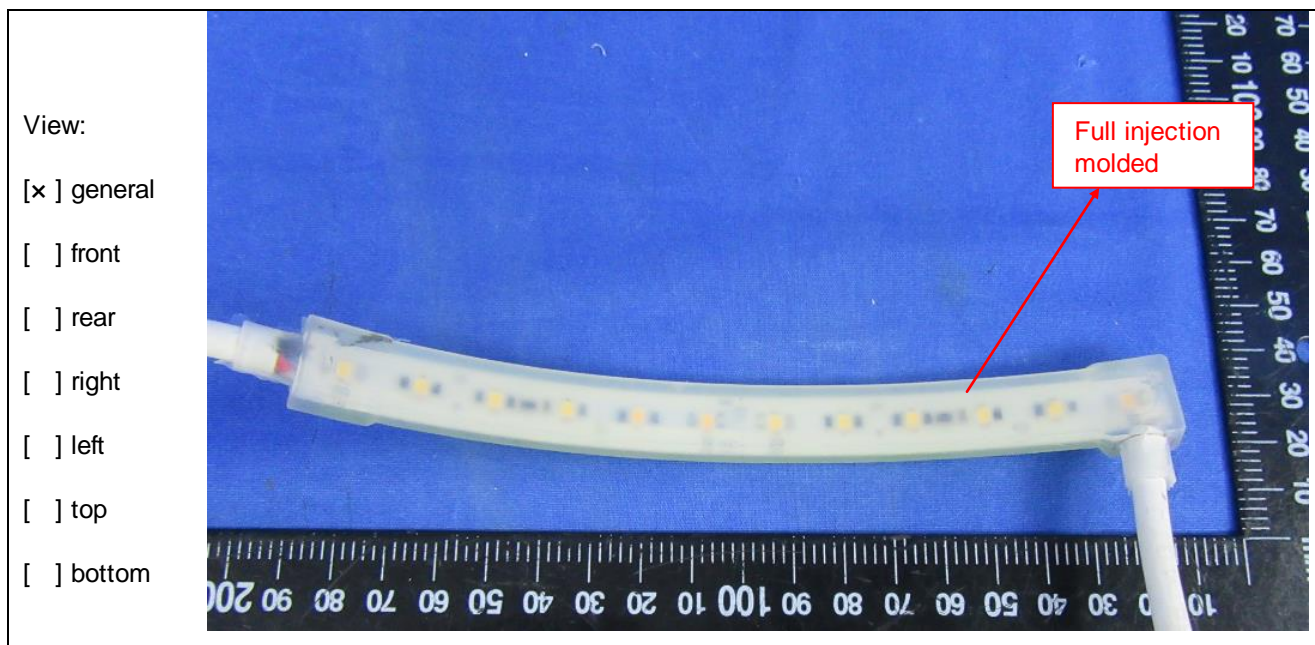


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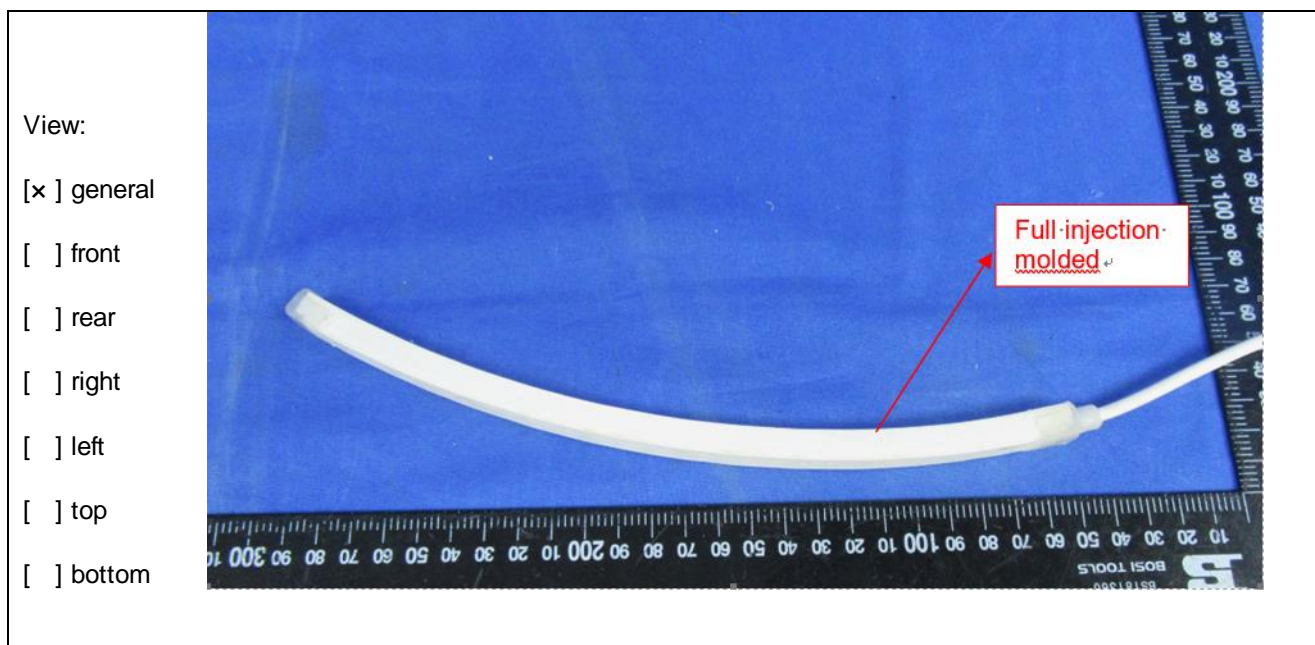
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Details of: LED module



Details of: LED module

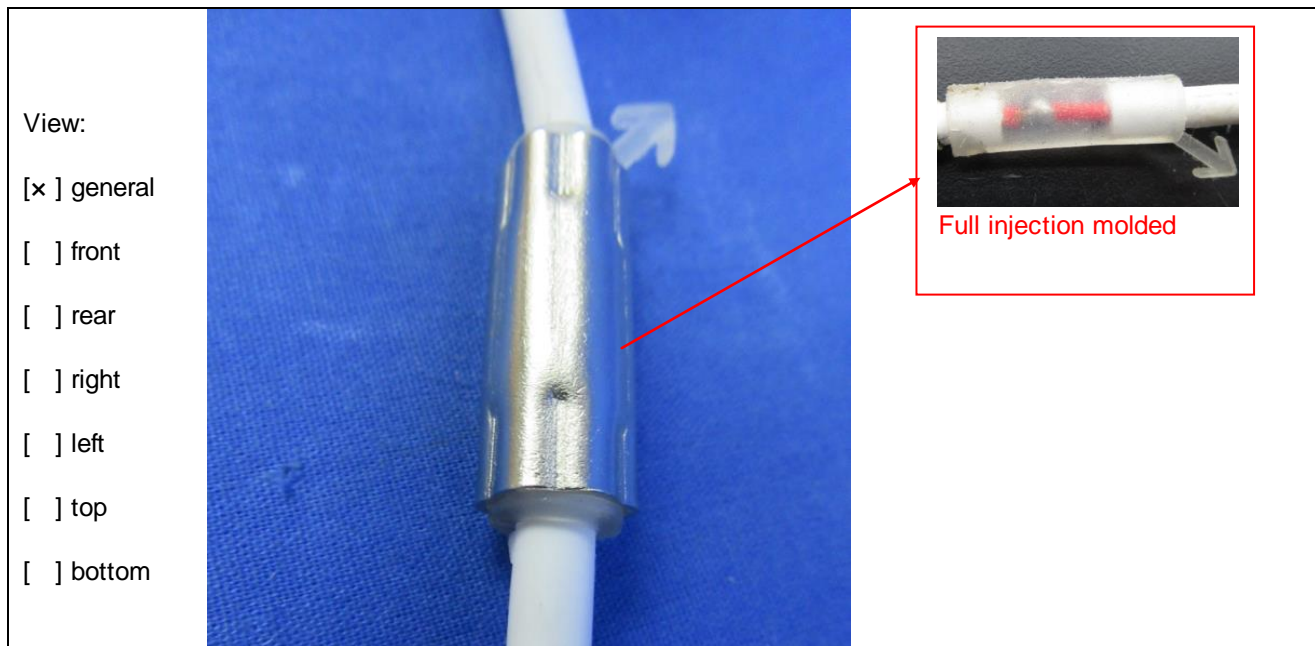


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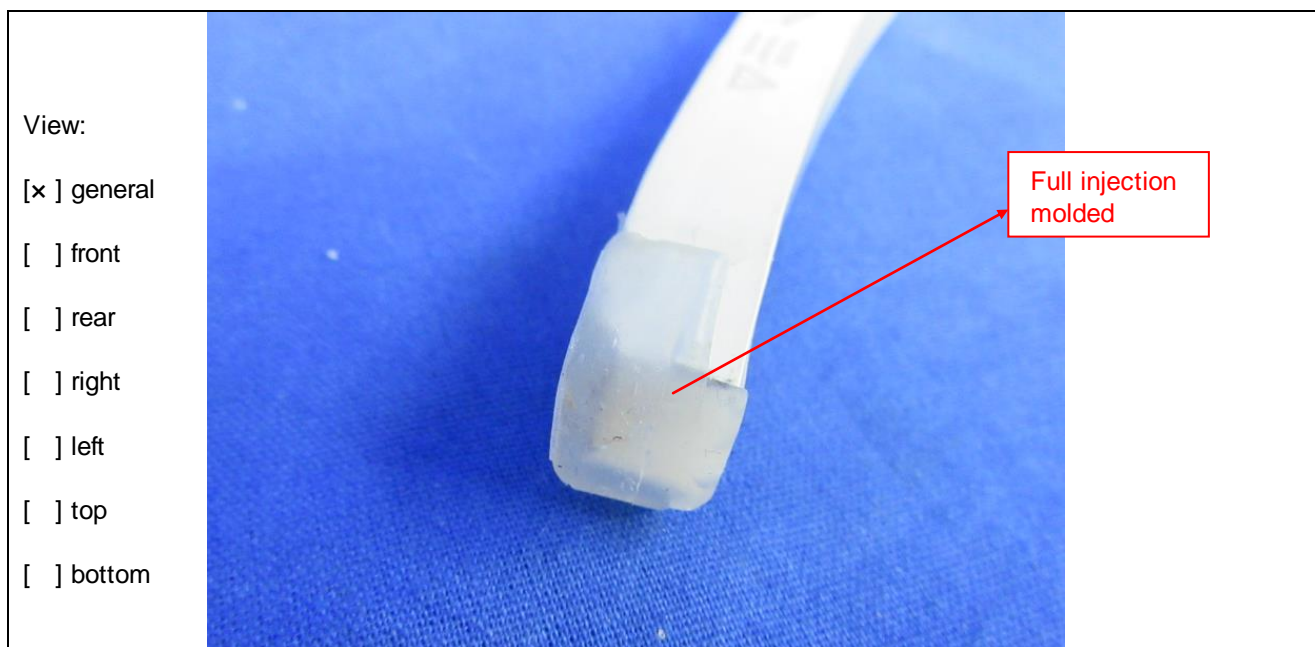
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Details of: Connection



Details of: End of lighting chain



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