

# TEST REPORT

Report No.: LCS200305033AR

Date: 2020.03.19

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Applicant : Otennlux lighting technology co., ltd  
Address : 301, workshop 2, No. 4, Xingda Road, Pingshan 1st Village, Shibi street, Panyu District, Guangzhou City, Guangdong Province

Report on the submitted samples said to be:

Sample Name : LED Light  
Trade Mark : Otennlux  
Style No. : SLED-106-1, SLED-106-21  
Testing Period : March 06, 2020 ~ March 19, 2020  
Results : Please refer to next page(s).

## TEST REQUEST

Determination of Fluorine(F), Chlorine(Cl), Bromine(Br) and Iodine(I) content in samples according to customer requirements

Signed for and on behalf of LCS



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**Tested part(s):**

- |                                    |                                  |
|------------------------------------|----------------------------------|
| (1) Transparent plastic sheet      | (5) Red soft plastic wire jacket |
| (2) Black soft plastic             | (6) Soft black plastic case      |
| (3) Translucent white plastic      | (7) Black soft plastic thread    |
| (4) Black soft plastic wire jacket | (8) Red soft plastic thread      |

Results:

**A. Results of Fluorine(F), Chlorine(Cl), Bromine(Br) and Iodine(I) content**
Test method: With reference to BS EN 14582:2016, analysis was performed by Ion Chromatography (IC)

Item	Unit	MDL	Results			
			(1)	(2)	(3)	(4)
Fluorine (F)	mg/kg	50	N.D.	N.D.	N.D.	N.D.
Chlorine (Cl)	mg/kg	50	89	73	115	87
Bromine (Br)	mg/kg	50	N.D.	N.D.	N.D.	N.D.
Iodine (I)	mg/kg	50	N.D.	N.D.	N.D.	N.D.
Total content (Cl+Br)	mg/kg	/	89	73	115	87

Item	Unit	MDL	Results			
			(5)	(6)	(7)	(8)
Fluorine (F)	mg/kg	50	N.D.	N.D.	N.D.	N.D.
Chlorine (Cl)	mg/kg	50	130	N.D.	N.D.	N.D.
Bromine (Br)	mg/kg	50	N.D.	N.D.	N.D.	N.D.
Iodine (I)	mg/kg	50	N.D.	N.D.	N.D.	N.D.
Total content (Cl+Br)	mg/kg	/	130	N.D.	N.D.	N.D.

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- --- = Not Regulated
- Flow chart appendix is included.
- Photo appendix is included.

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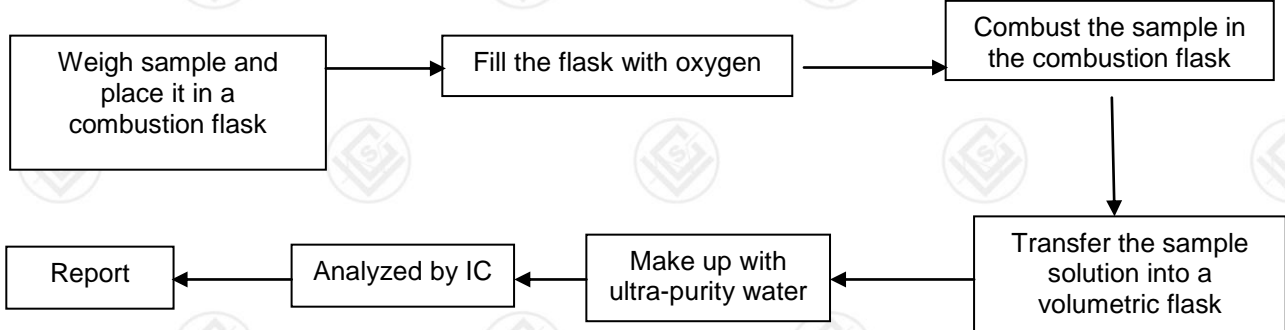
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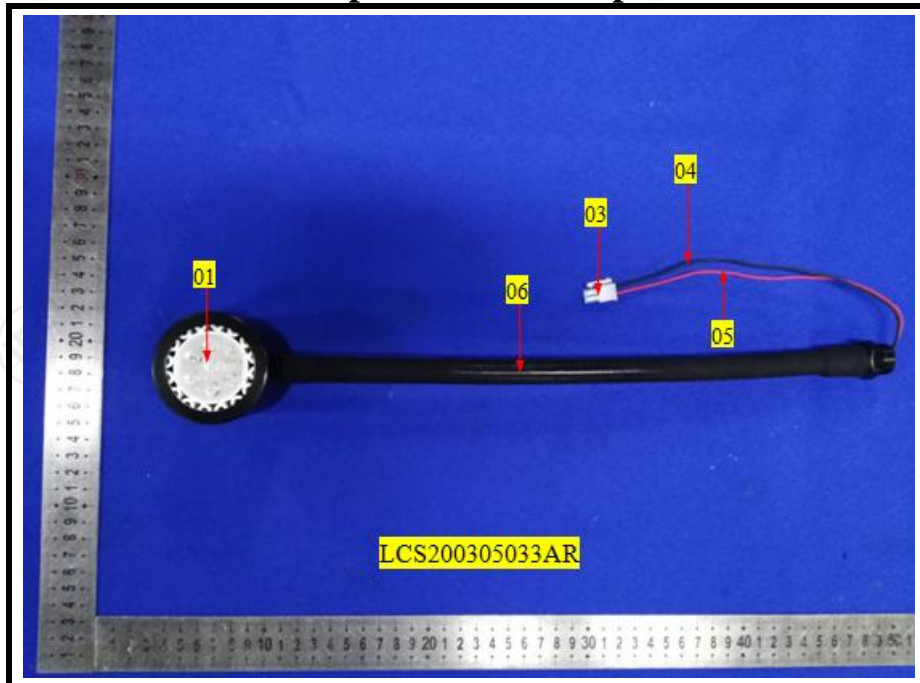
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## Appendix

Test Flow for F/Cl/Br/I



The photo of the sample

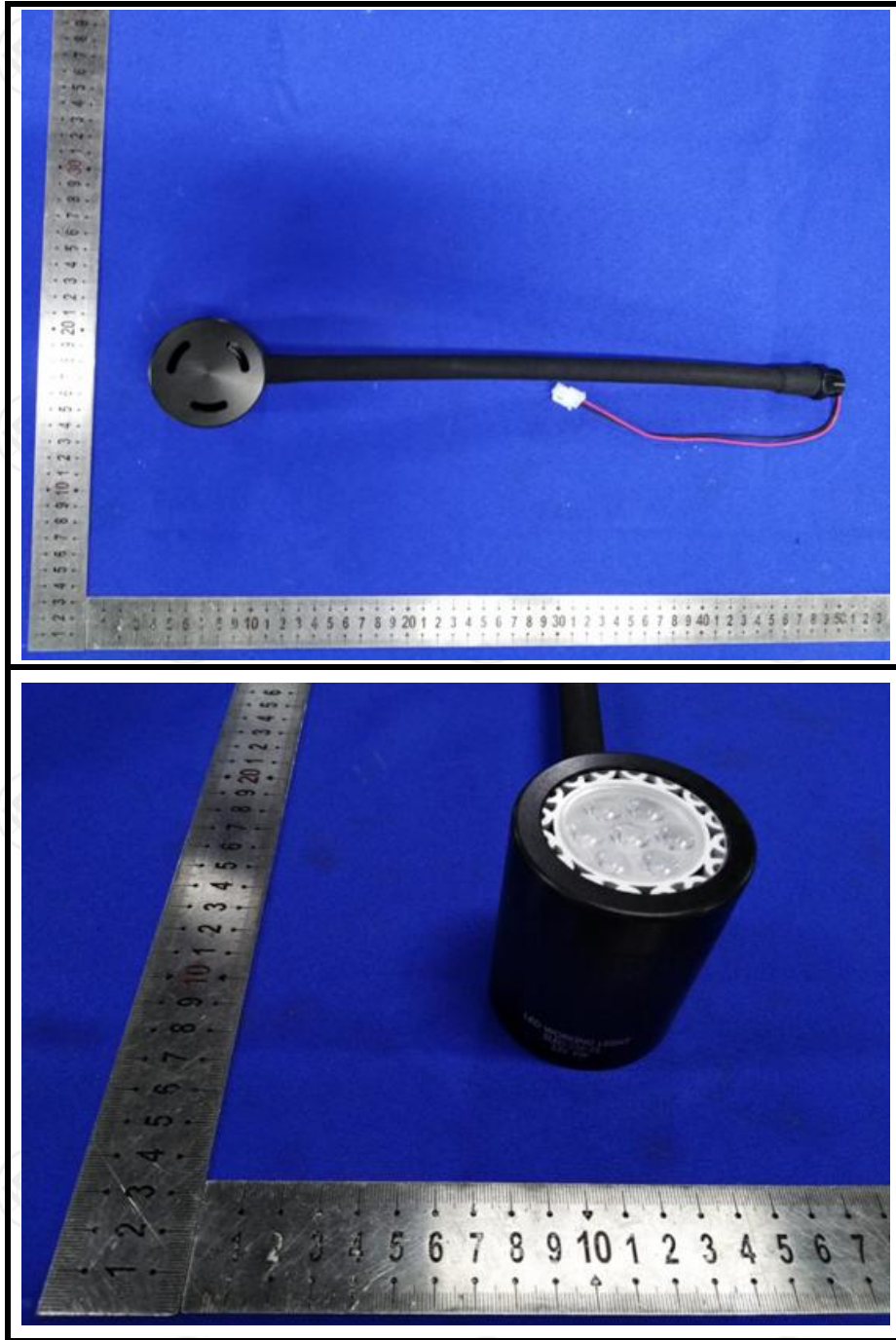


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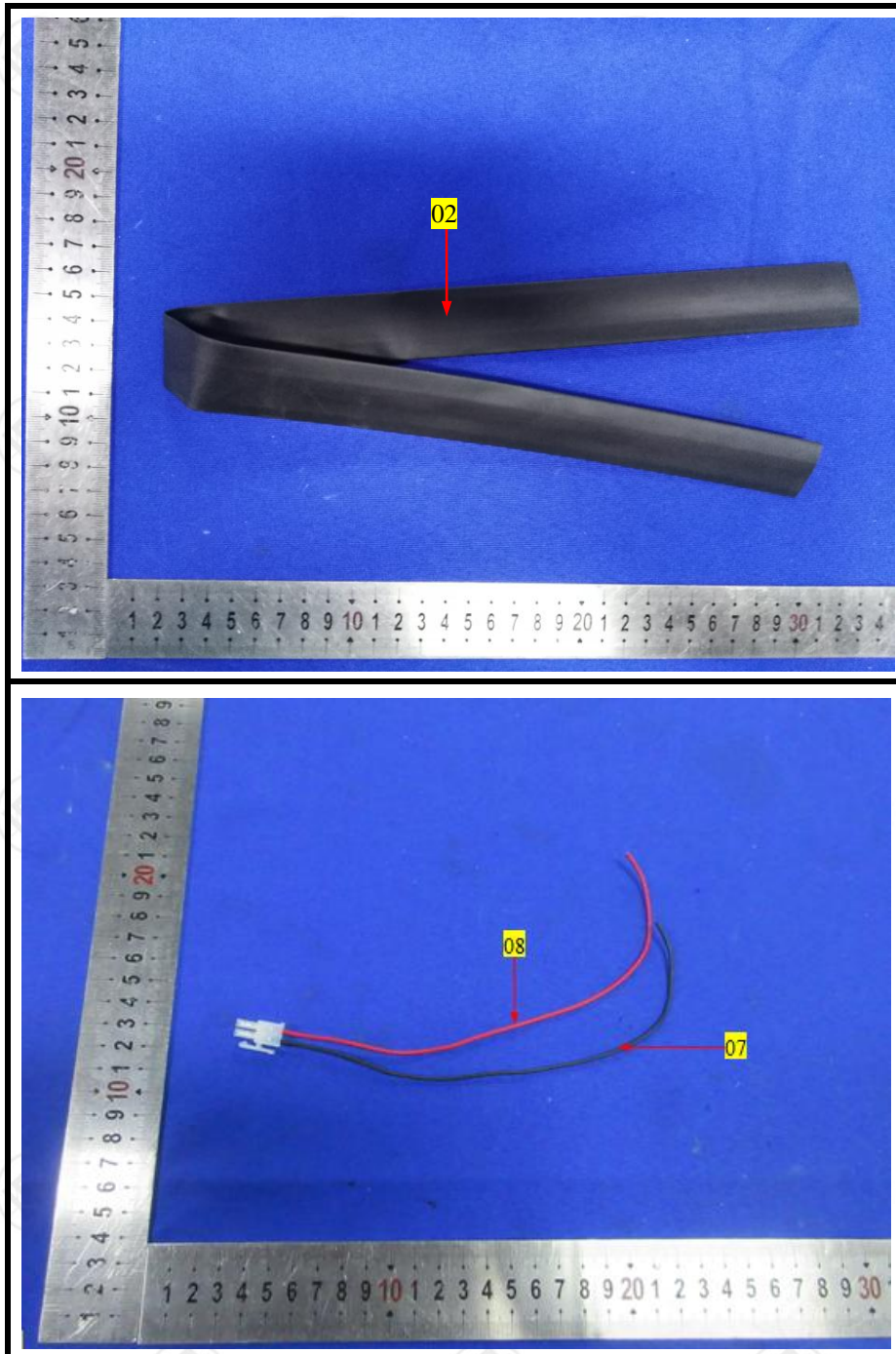


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LCS authenticate the photo on original report only

\*\*\*\*\* End of Report \*\*\*\*\*

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Statement:

1. The test report is considered invalidated without approval signature, special seal on the perforation.
2. The result(s) shown in this report refer only to the sample(s) tested.
3. Without written approval of LCS, this report can't be reproduced except in full.
4. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which LCS hasn't verified.
5. In case of any discrepancy between the English version and Chinese version of the testing reports(if generated), the Chinese version shall prevail.