

Test Report

No. : CE/2007/B3373B

Date : 2008/07/22

Page : 1 of 5

LIGHT COUNTRY CO., LTD.

10-1, NO. 102, SEC. 3, CHUNG SHAN RD., CHUNG HO CITY, TAIPEI,

TAIWAN



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

Sample Description : 開關
Style/Item No. : R814, R814L, R511, R511L, R511-R2, R511-R2L
Sample Receiving Date : 2007/11/13
Testing Period : 2007/11/13 TO 2007/11/20

=====
Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : With reference to IEC 62321, Ed.1 111/54/CDV
Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.
(1) Determination of Cadmium by ICP-AES.
(2) Determination of Lead by ICP-AES.
(3) Determination of Mercury by ICP-AES.
(4) Determination of Hexavalent Chromium for non-metallic samples by UV/Vis Spectrometry.
(5) Determination of Hexavalent Chromium for metallic samples by Spot test / Colorimetric Method.
(6) Determination of PBB and PBDE by GC/MS.

Test Result(s) : Please refer to next page(s).

Chenyu Kung / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory – Taipei

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。

This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Test Report

No. : CE/2007/B3373B Date : 2008/07/22

Page : 2 of 5

LIGHT COUNTRY CO., LTD.
10-1, NO. 102, SEC. 3, CHUNG SHAN RD., CHUNG HO CITY, TAIPEI,
TAIWAN



Test results by chemical method (Unit: mg/kg)

Test Item (s):	Method (Refer to)	Result			MDL
		No.1	No.2	No.3	
Cadmium (Cd)	(1)	n.d.	n.d.	n.d.	2
Lead (Pb)	(2)	n.d.	18	21	2
Mercury (Hg)	(3)	n.d.	n.d.	n.d.	2
Hexavalent Chromium Cr(VI) by alkaline extraction	(4)	n.d.	---	---	2
Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction	(5)	---	Negative	Negative	See Note 5
Sum of PBBs	(6)	n.d.	---	---	-
Monobromobiphenyl		n.d.	---	---	5
Dibromobiphenyl		n.d.	---	---	5
Tribromobiphenyl		n.d.	---	---	5
Tetrabromobiphenyl		n.d.	---	---	5
Pentabromobiphenyl		n.d.	---	---	5
Hexabromobiphenyl		n.d.	---	---	5
Heptabromobiphenyl		n.d.	---	---	5
Octabromobiphenyl		n.d.	---	---	5
Nonabromobiphenyl		n.d.	---	---	5
Decabromobiphenyl		n.d.	---	---	5
Sum of PBDEs		n.d.	---	---	-
Monobromobiphenyl ether		n.d.	---	---	5
Dibromobiphenyl ether		n.d.	---	---	5
Tribromobiphenyl ether		n.d.	---	---	5
Tetrabromobiphenyl ether		n.d.	---	---	5
Pentabromobiphenyl ether		n.d.	---	---	5
Hexabromobiphenyl ether		n.d.	---	---	5
Heptabromobiphenyl ether		n.d.	---	---	5
Octabromobiphenyl ether		n.d.	---	---	5
Nonabromobiphenyl ether		n.d.	---	---	5
Decabromobiphenyl ether	n.d.	---	---	5	

TEST PART DESCRIPTION:

- NO.1 : BLACK PLASTIC
NO.2 : GOLDEN COLORED METAL (INCLUDING THE PLATING LAYER)
NO.3 : GOLDEN COLORED METAL PIN (INCLUDING THE PLATING LAYER)

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。

This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Test Report

No. : CE/2007/B3373B

Date : 2008/07/22

Page : 3 of 5

LIGHT COUNTRY CO., LTD.

10-1, NO. 102, SEC. 3, CHUNG SHAN RD., CHUNG HO CITY, TAIPEI,
TAIWAN



Note : 1. mg/kg = ppm

2. n.d. = Not Detected

3. MDL = Method Detection Limit

4. "---" = Not Conducted

5. Spot-test:

Negative = Absence of Cr(VI) coating / surface layer,

Positive = Presence of Cr(VI) coating / surface layer;

(The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed.)

Boiling-water-extraction:

Negative = Absence of Cr(VI) coating / surface layer.

Positive = Presence of Cr(VI) coating / surface layer;

the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.

6. "-" = Not Regulated

7. The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing.

The above result(s) was/were only given as the informality value.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。

This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Test Report

No. : CE/2007/B3373B Date : 2008/07/22

Page : 4 of 5

LIGHT COUNTRY CO., LTD.

10-1, NO. 102, SEC. 3, CHUNG SHAN RD., CHUNG HO CITY, TAIPEI,

TAIWAN



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。

This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Test Report

No. : CE/2007/B3373B Date : 2008/07/22

Page : 5 of 5

LIGHT COUNTRY CO., LTD.

10-1, NO. 102, SEC. 3, CHUNG SHAN RD., CHUNG HO CITY, TAIPEI,
TAIWAN



** End of Report **

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部份複製。

This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.