

## TEST REPORT

Applicant: SARL BTL DIFFUSION  
16, RUE ANATOLE MOUSSU  
ZA MERE NORD EST  
78490 MERE FRANCE  
Attn: RAFI

Number: HKGH03007679 S1

Date: Jun 27, 2023

*This is to supersede Report No. HKGH03007679 dated Jun 01, 2023 due to information update*

Sample and Information provided by customer :  
Item Name : **CloudBox – EN/DE**  
**CloudBox – EN/IT**  
**CloudBox – EN/FR**  
**CloudBox – EN/SP**  
Item No. : **8001-DE**  
**8001-IT**  
**8001-FR**  
**8001-SP**  
Quantity : 1 piece  
Country of Origin : China  
Date sample received : May 23, 2023 and Jun 26, 2023  
Testing period : May 23, 2023 to May 25, 2023 and Jun 26, 2023  
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For and on behalf of :  
Intertek Testing Services HK Ltd.



Cindy I.K. Chan  
Vice President



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**Conclusion:**

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

- (1) The measured emission level of the apparatus did not exceed the accessible emission limit according to EN IEC 62115: 2020 + A11: 2020, Annex E

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**Decision Rule(s):**

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to Intertek's "Decision Rule Document" and is available on Intertek's website. <https://intertekhk.grd.by/decision-rule-doc..>

If decision rule already indered in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.

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(1) Optical Radiation

Test Standard : European Standard EN IEC 62115: 2020 + A11: 2020 on Safety of electric toys, Annex E

Clause	Title/Description	Result
19.E.2	Light-emitting diodes (LEDs)	Pass
19.E.3	Lasers (IEC 60825-1: 2014)	Not Applicable
19.E.4	UV-emitting lamps	Not Applicable

Table of measuring data

For Red LED used in the cloud top part (water clear)

Condition	Measured Wavelength	Spectral Emission Bandwidth	Measuring Distance	Measured Radiant Intensity	Limit
Normal (without cover)	627nm	16.8nm	200mm	24.3mW/sr	0.76W/sr
Fault (without cover)	627nm	16.8nm	200mm	25.3mW/sr	0.76W/sr

For Yellow LED used in the cloud top part (water clear)

Condition	Measured Wavelength	Spectral Emission Bandwidth	Measuring Distance	Measured Radiant Intensity	Limit
Normal (without cover)	591nm	15.4nm	200mm	2.59mW/sr	0.76W/sr
Fault (without cover)	591nm	15.4nm	200mm	3.29mW/sr	0.76W/sr



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For Green LED used in the cloud top part (water clear)

Condition	Measured Wavelength	Spectral Emission Bandwidth	Measuring Distance	Measured Radiant Intensity	Limit
Normal (without cover)	519nm	28.4nm	200mm	3.41mW/sr	0.60W/sr
Fault (without cover)	519nm	28.4nm	200mm	4.07mW/sr	0.60W/sr

For Blue LED used in the cloud top part (water clear)

Condition	Measured Wavelength	Spectral Emission Bandwidth	Measuring Distance	Measured Radiant Intensity	Limit
Normal (without cover)	456nm	17.8nm	200mm	7.97mW/sr	0.05W/sr
Fault (without cover)	456nm	17.8nm	200mm	8.91mW/sr	0.05W/sr

For Bi-Color LED (Red) used in the charging mode (white diffused)

Condition	Measured Wavelength	Spectral Emission Bandwidth	Measuring Distance	Measured Radiant Intensity	Limit
Normal (without cover)	629nm	14.2nm	200mm	0.06mW/sr	0.76W/sr
Fault (without cover)	629nm	14.2nm	200mm	0.07mW/sr	0.76W/sr



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For Bi-Color LED (Red)  
used in the charging  
mode  
(white diffused)

Condition	Measured Wavelength	Spectral Emission Bandwidth	Measuring Distance	Measured Radiant Intensity	Limit
Normal (without cover)	568nm	8.2nm	200mm	0.007mW/sr	0.76W/sr
Fault (without cover)	568nm	8.2nm	200mm	0.01mW/sr	0.76W/sr

For Combination of Bi-Color LED (Red and Green)  
(white diffused)

Condition	Ratio	Limit
Normal (without cover)	No function	1.0
Fault (without cover)	0.0001	1.0



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For White LED used in the selection button (yellow diffused)

Condition	Measured Wavelength	Spectral Emission Bandwidth	Measuring Distance	Measured Radiant Intensity	Limit
Normal (without cover)	452nm (first peak)	23.2nm	200mm	0.18mW/sr	0.13W/sr
	547nm (second peak)				
Fault (without cover)	452nm (first peak)	23.2nm	200mm	1.63mW/sr	0.13W/sr
	547nm (second peak)				

For Combination of group of White LEDs used in the selection button

Condition	Ratio	Limit
Normal (without cover)	No function	1.0
Fault (without cover)	0.0139	1.0



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## Remark:

1. When determining the test conclusion, the Measurement Uncertainty of test has been considered. The decision rules are based on IEC Guide 115 with complying the relevant requirements of environment and equipment.
2. The test was conducted by operating the apparatus at rated voltage 3.7VDC and operating the charging mode at rated voltage 5.0VDC .
3. 1 pc. SMD water clear Red LED is used in the cloud top part of apparatus.
4. 1 pc. 4.8mm round type water clear Yellow LED is used in the cloud top part of apparatus.
5. 1 pc. 4.8mm round type water clear Green LED is used in the cloud top part of apparatus.
6. 1 pc. 4.8mm round type water clear Blue LED is used in the apparatus.
7. 1 pc. 3mm round type white diffused Bi-Color LED (Red and Green) is used in the charging mode of apparatus.
8. 18 pcs. SMD yellow diffused White LEDs used in the selection button of apparatus are identical to each other.

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End of report

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To: SARL BTL DIFFUSION  
Attention: RAFI

Ref: FC-2023-4003  
Date: Jun 27, 2023

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Re : Report Revision Notification

Intertek Testing Services Report Number HKGH03007679 Dated Jun 01, 2023.

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Intertek Testing Services report, HKGH03007679 S1.

Thank you for your attention.

For and on behalf of :  
Intertek Testing Services HK Ltd.



Cindy I.K. Chan  
Vice President