

IP44 Test Report

Report Number : BDS1511192-1

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| Applicant | : | Berdis Lighting (Zhongshan)Co.,LTD. |
| Manufacturer | : | Berdis Lighting (Zhongshan)Co.,LTD. |
| Product Name | : | LED Downlight |
| Model Number | : | B0104 [0001~4999] B0104 [5001~9999] |
| Remark | | ([0001~4999]、 [5001~9999]stand for different color temperature of LED Downlight.) |

Tested By:

Date:

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PROTECTION AGAINST SOLID FOREIGN OBJECTS

| | | |
|---|-------------|---------------------------------------|
| Safety | IP4X | Reference Standard: IEC60529 Other |
| Applicant : see cover page. | | |
| Manufacturer: see cover page. | | |
| Product: LED Downlight Model (s): B0104 [0001~4999] B0104 [5001~9999] ([0001~4999]、 [5001~9999] stand for different color temperature of LED Down light.) | | |
| Ambient Condition: 15°C~35°C, 25%~75% R.H. 86kPa~106 kPa. | | |
| Test condition: The test wire of 1,0 mm shall not penetrate and adequate clearance shall be kept, (Rigid steel rod $+0.05$ 01.0 mm diameter with edges free from burrs.) The object probe is pushed against any opening of the enclosure with $1,0 \pm 10\%$ N force . | | |
| Conclusion: The sample is hermetic sealed .the test wire can not penetrate the connection between the back-cover and the glass. And the test wire can not touch any hazards parts of the sample. | | |
| Test Equipment: 1. Test Metal Wire | | |
| Remark: This test results for sample comply with client's requirements. | | |

PROTECTION AGAINST WATER

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|--|-------------|---------------------------------------|
| Safety | IPX4 | Reference Standard: IEC60529 Other |
| Applicant : see cover page. | | |
| Manufacturer: see cover page. | | |
| Product: LED Down Light Model (s): B0104 [0001~4999] B0104 [5001~9999] | | |
| Ambient Condition: 15°C~35°C, 25%~75% R.H. 86kPa~106 kPa. | | |
| Test condition: Water sprayed against the enclosure from any direction in 1 minute. | | |
| Conclusion: After the test there is a little of water in the battery slot component of the sample. And it could not interfere with the normal operation of the sample. | | |
| Test Equipment: 1. Spray Nozzle 2. Stopwatch | | |
| Remark: This test results for sample comply with client's requirements. | | |

Test Photos

Photo 1.



Photo 2.



Photo 3.



Photo 4.



Photo 5.



Photo 6.



Photo 7.



Photo 8.



----- End of Report -----