

DEGREES OF PROTECTION PROVIDED BY ENCLOSURES PATTERN TEST REPORT

Test Standard : IEC 60529(2001)

Date of Receipt : 2017 / 09 / 12

Test Date : 2017 / 09 / 12 ~ 2017 / 09 / 14

Result of determination this subclass type experiment : **PASS(IP66)**

1. Issue date for test report : 2017 / 09 / 15
2. Report No : 17091202
3. Total pages : 7
4. Test report without steel stamp is not valid, and shall not be reproduced except in full.
5. Test sample is not sampling by laboratory, test result relate only to the items tested.
6. Test report is not responsible for advertisement or promotion for products.

Approved Signatory:





Test Report

Information for test items

Applicant : Energyled Corporation

Applicant's address : 6F.No.542-4 Jhongjheng Rd., Xindian Dist., New Taipei
City, Taiwan(R.O.C)

Manufacturer : Energyled Corporation

Manufacturer's address : 6F.No.542-4 Jhongjheng Rd., Xindian Dist., New Taipei
City, Taiwan(R.O.C)

Product : High Bay Light

Model No. / Trademark : BA0CCGHHWW0301 / Energyled

Series Model : BA50TGHWW1301, BA90TGHWW1301, BA0ATGHWW1301,
BA0BTGHWW1301, BA0CTGHWW1301, BA50TGHWW0301,
BA90TGHWW0301, BA0ATGHWW0301, BA0BTGHWW0301,
BA0CTGHWW0301, BA50CGHWW1301, BA90CGHWW1301,
BA0ACGHWW1301, BA0BCGHWW1301, BA0CCGHHWW1301,
BA50CGHWW0301, BA90CGHWW0301, BA0ACGHWW0301,
BA0BCGHWW0301, BA50WGHWW1301, BA90WGHWW1301,
BA0AWGHWW1301, BA0BWGHWW1301, BA0CWGHWW1301,
BA50WGHWW0301, BA90WGHWW0301, BA0AWGHWW0301,
BA0BWGHWW0301, BA0CWGHWW0301

Outward appearance size : W 500 mm 、 H 410 mm

Uses the place : ☐in door ☒out door

Test Standard : ☒IEC 60529 ☐IEC 60598-1

Application test rank : IP66

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Differential analysis explain

Entrust bodies	Applicant : Energyled Corporation
Model No.	BA0CCGHHWW0301
Series model	BA50TGHWW1301, BA90TGHWW1301, BA0ATGHWW1301, BA0BTGHWW1301, BA0CTGHWW1301, BA50TGHWW0301, BA90TGHWW0301, BA0ATGHWW0301, BA0BTGHWW0301, BA0CTGHWW0301, BA50CGHWW1301, BA90CGHWW1301, BA0ACGHWW1301, BA0BCGHWW1301, BA0CCGHHWW1301, BA50CGHWW0301, BA90CGHWW0301, BA0ACGHWW0301, BA0BCGHWW0301, BA50WGHWW1301, BA90WGHWW1301, BA0AWGHWW1301, BA0BWGHWW1301, BA0CWGHWW1301, BA50WGHWW0301, BA90WGHWW0301, BA0AWGHWW0301, BA0BWGHWW0301, BA0CWGHWW0301

Luminaires of the difference contents
Series model BA50TGHWW1301, BA90TGHWW1301, BA0ATGHWW1301, BA0BTGHWW1301, BA0CTGHWW1301, BA50TGHWW0301, BA90TGHWW0301, BA0ATGHWW0301, BA0BTGHWW0301, BA0CTGHWW0301, BA50CGHWW1301, BA90CGHWW1301, BA0ACGHWW1301, BA0BCGHWW1301, BA0CCGHHWW1301, BA50CGHWW0301, BA90CGHWW0301, BA0ACGHWW0301, BA0BCGHWW0301, BA50WGHWW1301, BA90WGHWW1301, BA0AWGHWW1301, BA0BWGHWW1301, BA0CWGHWW1301, BA50WGHWW0301, BA90WGHWW0301, BA0AWGHWW0301, BA0BWGHWW0301, BA0CWGHWW0301, and Model No. BA0CCGHHWW0301 besides outward appearance, size, and light source type are different, the external structure are all the same, therefore does not have the influence dustproof waterproofing rank.

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Test content

Test Levels	Test standard (IEC 60529)	Result of test	Determination
	Temperature : 24.9 °C Humidity : 56.1 %RH		
6	Degrees of protection against access to hazardous parts and protection against solid foreign objects indicated by the first characteristic numeral		
	The test wire of 1.0 mm shall not penetrate and adequate clearance shall be kept.	Not penetrate and adequate clearance be kept.	PASS
	The enclosure shall be deemed category 1, whether reductions in pressure below the atmospheric pressure are present or not. The protection is satisfactory if no deposit of dust is observable inside the enclosure at the end of the test.	No dust into the enclosure.	
6	Degrees of protection against water indicated by the second characteristic numeral		
	Water projected in powerful jets against the enclosure from any direction shall have no harmful effects Water flow : 100 ℓ±5% 、 Minimum test duration : 3min 、 Distance from nozzle to enclosure surface : 2.5~3m.	No water into the enclosure.	PASS

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Photo of test items

The appearance of photo



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Photo of test items

IP6X after the test



IPX6 after the test





Equipment list and testing engineer for test

Item	Equipment No	Equipment	Manufacturer / Type / Series No
1	99S-04	Bears the dust testing machine class dust + Floating dust	TAICHY TECHNOLOGY LTD DT-1500CF
2	99S-10	IP test touch and access wire	Shanghai Haiyue Electric / DTPP-1.0/100
3	99S-07	Bears the rain water testing machine	TAICHY TECHNOLOGY LTD RT-IEC-IPX5.6
			Testing engineers : Chun-Tse Liu

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