

# Test Report

Report No.: FTS20EP-1148S

**Product** : Bulk light  
**Model list** : VT-12S,VT-12SS,VT-12SE,VT-12SES  
**Brand Name** : /  
**Applicant** : Vtac Uk limited  
**Date of Issue** : May 20, 2020  
**Standards** : IEC 62262: 2002, IEC 60068-2-75: 2014

**Guangdong Future Test Services Co., Ltd.**

No.228, Min'an South Rd, Xiaolan Town, Zhongshan City,  
Guangdong Province, China

检测专用章

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### TEST REPORT

**Report reference No.**.....: FTS20EP-1148S

**Tested by (name + signature)**.....: Fran Deng

**Reviewed by (name + signature)**.....: Bain Ye

**Date of issue** .....: May 30, 2020



**Testing Laboratory** .....: **Guangdong Future Test Services Co., Ltd.**

**Address**.....: No.228, Min' an South Road, Xiaolan Town, Zhongshan City, Guangdong Province, China

**Applicant's name**.....: **Vtac Uk limited**

**Address**.....: Vtac house , Kelpatrick road  
Slough, SL1 6BW Uk

**Test specification:**

**Standard**.....: IEC 62262: 2002 IEC 60068-2-75: 2014

**Test procedure**.....: N/A

**Non-standard test method**.....: N/A

**Test Report Form No.**.....: N/A

**TRF Originator** .....: FTS

**Master TRF** .....: 2015-12

**Test item description**.....: Bulk light

**Trade Mark**.....: N/A

**Manufacturer** .....: Same as applicant

**Model/Type reference** .....: VT-12S,VT-12SS,VT-12SE,VT-12SES

**Ratings**.....: 220V~, 50Hz, 12W

**Summary of testing:****1. The submitted appliances fulfilled the requirements of specific standard:**

- IEC 62262: 2002 IEC 60068-2-75: 2014

**General remarks:**

The test results presented in this report relate only to the object tested.

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“(see Appendix #)” refers to additional information appended to the report.

“(see appended table)” refers to a table appended to the report.

Throughout this report a point is used as the decimal separator.

**Testing:**

Date of receipt of test item ..... : May 28, 2020

Date (s) of performance of tests ..... : May 30, 2020

**Possible test case verdicts:**

-test case does not apply to the test object ..... : N/A (not applicable)

-test object does meet the requirement ..... : P (Pass)

-test object does not meet the requirement ..... : F (Fail)

Description of the Sample			
<b>Classification of the appliance</b>	<input checked="" type="checkbox"/> Indoor appliance <input type="checkbox"/> Outdoor appliance		
<b>Classification of protection against electric shock</b>	<input type="checkbox"/> Class I <input checked="" type="checkbox"/> Class II <input checked="" type="checkbox"/> Class III		
<b>IP Number</b>	IP <u>20</u>		
<b>Rated supply voltage</b>	220V~	<b>Power supply type</b>	AC
<b>Rated power</b>	12W	<b>Power supply current</b>	--
<b>Type of the appliance</b>	<input type="checkbox"/> Portable appliance <input type="checkbox"/> Hand-held appliance <input checked="" type="checkbox"/> Stationary appliance <input type="checkbox"/> Fixed appliance <input type="checkbox"/> Built-in appliance <input type="checkbox"/> Others		
<b>Dimensions</b>	--		
<b>Weight (Kg)</b>	--		

IEC 62262: 2002			
Clause	Requirement + Test	Result - Remark	Verdict
5.1	Unless otherwise specified in the relevant product standard, the test shall be carried out under the standard atmospheric conditions for tests described in IEC 60068-1: – temperature range: 15 °C to 35 °C, – air pressure: 86 kPa to 106 kPa (860 mbar to 1 060 mbar).	25.4°C	P
6.2	In order to verify the protection against mechanical impacts, blows shall be applied to the enclosure to be tested. The devices to be used for this test are described in clause 7.	IK 08 (0.1m,5kg), no cracking	P
6.4	The number of impacts shall be five on each exposed face unless otherwise specified in the relevant product standard. The impacts shall be evenly distributed on the faces of the enclosure(s) under test. In no case shall more than three impacts be applied in the surroundings of the same point of the enclosure. The relevant product standard shall specify the points of application of impacts.		-
7	The test shall be done by using one of the test apparatus described in IEC 60068-2-75. The relevant product standard shall specify which types of test apparatus are appropriate.	See table C.1	-

## Annex 1

**Table 1 – Relation between IK code and impact energy**

IK code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Impact energy, J	*	0,14	0,2	0,35	0,5	0,7	1	2	5	10	20
* Not protected according to this standard.											
NOTE 1 When higher impact energy is required, the value of 50 J is recommended.											
NOTE 2 A characteristic group numeral of two figures has been chosen to avoid confusion with some national standards which used a single numeral for a specific impact energy.											

## Annex 2

**Table C.1 – Energy levels in joules**

Height of fall m	Speed m/s	Mass of striking object kg					
		0,1	0,2	0,5	1	2	5
0,1	1,4	0,1	0,2	0,5	1	2	5
0,2	2	0,2	0,4	1	2	4	10
0,5	3,1	0,5	1	2,5	5	10	25
1	4,4	1	2	5	10	20	50

## Test Equipments List

No.	Name	Model	Equipments No.	Calibration validity period
1	IK Impacterimpactor	/	FTS-096	2022-3-05
2	Ruler	/	FTS-193	2022-3-05

Fig.1 Front view for model VT-12S



Fig.2 Product under testing



Fig.3 Product after tested



**--- END OF REPORT ---**

## Announcement

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