

# TEST REPORT

**Application No.**.....: S202005206869

**Applicant's name**.....: T-ISS BV

**Applicant's address** .....: Helmkamp 32 /347091HR Dinxperlo The Netherlands

**Sample description** .....: Emergency Lighting

**Model** .....: LX070,LX150

**Date of receipt of test item** .....: 2020-05-20

**Test location** .....: The 2nd floor of G9 building, China Sensor Network International innovation Park, No.200, Linghu Ave, Wuxi, China

**Test standard**.....: IEC 60598-1:2014+AMD1:2017  
Luminaires – Part 1: General requirements and tests  
Section 9 Clause 9.2.0& Clause9.2.5 (protection degree IP44)  
IEC 60598-2-2:2011  
Luminaires Part 2:Particular requirements – Section 2: Recessed luminaires  
Clause 2.14

**Test date(s)**.....: 2020-05-20

**Test result** .....: The test results are in compliance with the above mentioned standards

**Date of issue**.....: 2020-05-27

**Tested by:**  
Shichao Zhao

**Reviewed by:**  
Jinjin Teng

**Approved by:**  
Zeming Zhang/Manager

*Shichao Zhao*

*Jinjin Teng*

*Zeming Zhang*



**other aspects:**

The recessed part was encapsulated in a box for the test.

Model LX070 and LX150 have the same sealing method,the difference is just for the size of the upper panel.

**Abbreviations:** *P = passed; F = failed; N/A = not applicable*

The test result in this test report refers exclusively to the presented test sample. This report shall not be reproduced, except in full, without the written approval of FGTEST.



Test item description.....: Emergency Lighting

Trade mark.....: /

Manufacturer.....: T-ISS BV  
Helmkamp 32 /347091HR Dinxperlo The Netherlands

Factory .....:

Ratings.....: INPUT:90-240VAC,50-60Hz 4W

**General product information:**

N/A

**Copy of marking plate (Representative marking):**

N/A

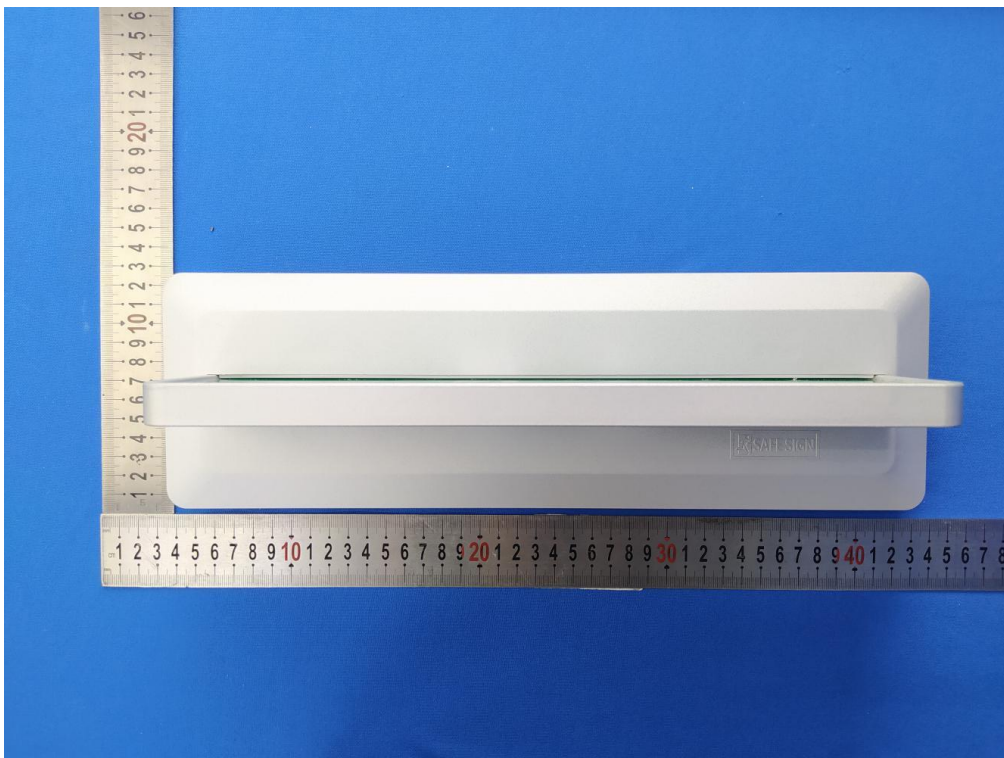
IEC 60598-2-2

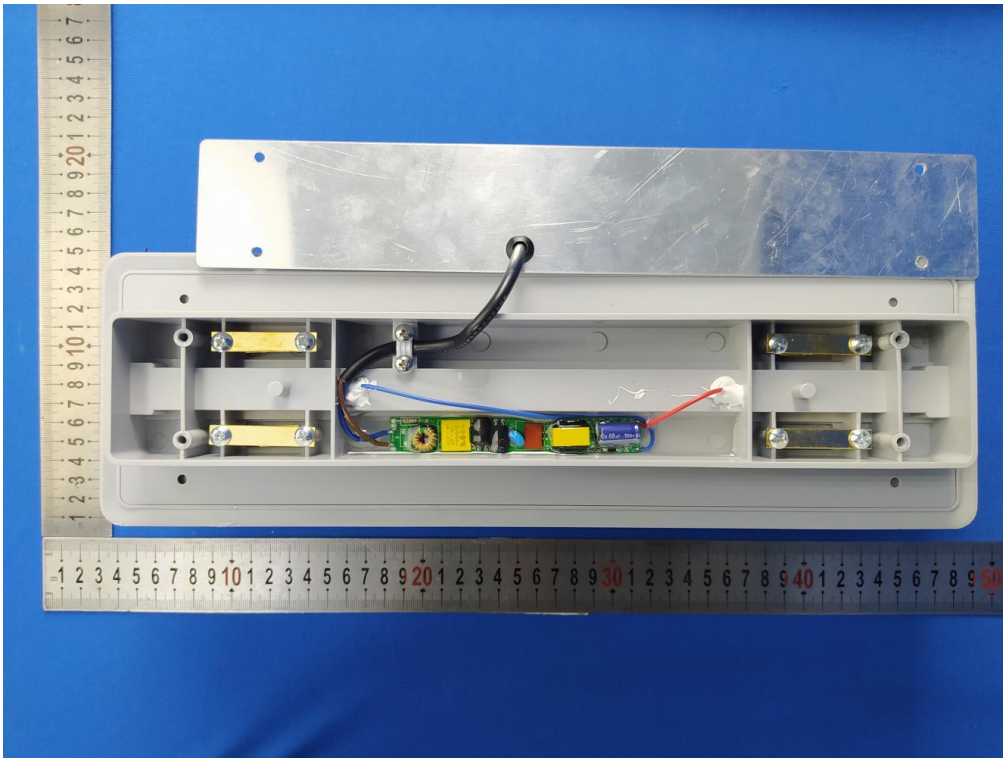
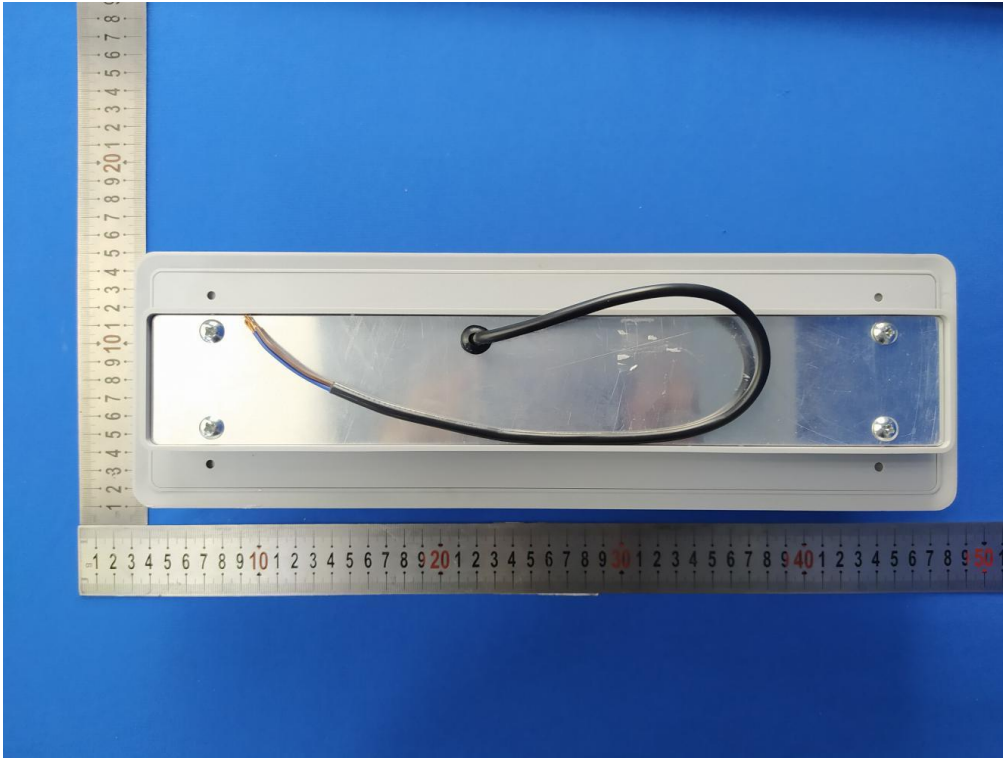
Clause	Requirement + Test	Result - Remark	Verdict
<b>2.14 (9)</b>	<b>RESISTANCE TO DUST AND MOISTURE</b>		P
2.14 (-)	If IP > IP 20 the order of tests as specified in clause 2.13		P
2.14 (9.2)	Tests for ingress of dust, solid objects and moisture:		P
	- classification according to IP..... :	IP44	—
	- mounting position during test..... :	As normal use	—
	- fixing screws tightened; torque (Nm) .....	/	—
	- tests according to clauses..... :	cl 9.2.0 & cl 9.2.5	—
	- electric strength test afterwards		P
	a) no deposit in dust-proof luminaire		N/A
	b) no talcum in dust-tight luminaire		N/A
	c) no trace of water on current-carrying parts or on insulation where it could become a hazard		N/A
	c.1) For luminaires without drain holes – no water entry		P
	c.2) For luminaires with drain holes – no hazardous water entry		N/A
	d) no water in watertight or pressure watertight luminaire		N/A
	e) no contact with live parts (IP 2X)		N/A
	e) no entry into enclosure (IP 3X and IP 4X)		P
	e) no contact with live parts through drain holes and ventilation slots (IP3X and IP4X)		P
	f) no trace of water on part of lamp requiring protection from splashing water		P
	g) no damage of protective shield or glass envelope		N/A

**List of test equipment used:**

<b>No.</b>	<b>Equipment name</b>	<b>Model</b>	<b>Series No.</b>	<b>Due date of calibration</b>
1.	IPX1-7 Swinging rain test equipment	JPY 1351	FWXGDA-2016-032	2020-12-16
2.	IP4X probe	1*100	FWXDA-2016-100	2021-02-23
3.	Withstanding Voltage Tester	7480	FWXGDA-2016-036	2020-12-09
4.	Hygro/thermograph	CTH-608	FWXDA-2016-059	2020-12-29

**ANNEX: Photos of Product**







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