



DIMON Technology Limited  
Suite 14, 11/F, Cheung Hing Industrial Building  
23 Tai Yip Street, Kwun Tong  
Kowloon  
Hong Kong

Our reference: DIM-HW-20-T004

Issue date: 16 September 2020

The luminaire supplied by you was inspected on 3 September 2020 and the results were presented as follows;

Description of luminaire: "DIMON" LAHAN Linear Series selfcontained emergency Linear Light

Complete set model: LAHAN-6W; LAHAN-7W; LAHAN-8W; LAHAN-9W;  
LAHAN-10W; LAHAN-11W; LAHAN-12W;  
LAHAN-13W;LAHAN-14W; LAHAN-15W; LAHAN-16W;  
LAHAN-17W;LAHAN-18W; LAHAN-19W;LAHAN-20W;  
LAHAN-21W; LAHAN-22W; LAHAN-23W;LAHAN-24W;  
LAHAN-25W; LAHAN-26W; LAHAN-27W;LAHAN-28W;  
LAHAN-29W;LAHAN-30W; LAHAN-31W;LAHAN-32W;  
LAHAN-33W; LAHAN-34W;LAHAN-35W; LAHAN-36W;  
LAHAN-37W; LAHAN-38W; LAHAN-39W; LAHAN-40W;  
LAHAN-41W; LAHAN-42W; LAHAN-43W; LAHAN-44W;  
LAHAN-45W; LAHAN-46W; LAHAN-47W; LAHAN-48W;  
LAHAN-49W; LAHAN-50W; LAHAN-51W; LAHAN-52W;  
LAHAN-53W; LAHAN-54W; LAHAN-55W; LAHAN-56W;  
LAHAN-57W; LAHAN-58W; LAHAN-59W; LAHAN-60W

Input: AC 220V +/-10% 50Hz

Case: The case is made of Aluminum Alloy and polycarbonate housing and diffuser

Power cable: The power cables extended outside the enclosure of the self-contained emergency luminaire

Investigations requested: Test on luminaire to comply with part A11 of FSD regulation PPA104 (4<sup>th</sup> revision) and B3 of FSD regulation PPA 104(A) (4<sup>th</sup> revision)

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## Test results

For the flammable parts of the luminaire, a small piece was cut out. The sample was placed in the hot-wire test chamber to carry out the hot wire test.

The hot wire test equipment we used complies with IEC60695-2-10:2013 and the test was carried out according to the procedures described in IEC60695-2-10:2013 with a hot wire temperature of 850°C.

Test results for flammable parts: The test sample ignited under the hot wire, but when the hot wire withdrew from the sample, the flame extinguished within 30 s. There were no burning drops falling down from the sample.

The luminaire was inspected in our laboratory and it complied with relevant sections of clause 13.3.2 of BS EN 60598-1:2015 and clause 22.16 of BS EN 60598-2-22:2014 and therefore passed part A11 of FSD regulation PPA104 (4<sup>th</sup> revision) and part B3 of FSD regulation PPA 104(A) (4<sup>th</sup> revision).



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