



DIMON Technology Ltd.
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Our reference: BL-HW-20-T175

Issue date: 11 August 2020

The luminaire supplied by you was inspected on 6 August 2020 and the results were presented as follows;

Description of luminaire: "DIMON" LED downlight DEGSON series self-contained emergency LED downlight

Complete set model: DEGSON-5W; DEGSON-6W; DEGSON-7W;
DEGSON-8W; DEGSON-9W; DEGSON-10W;
DEGSON-11W; DEGSON-12W; DEGSON-13W;
DEGSON-14W; DEGSON-15W; DEGSON-16W;
DEGSON-17W; DEGSON-18W; DEGSON-19W;
DEGSON-20W; DEGSON-21W; DEGSON-22W;
DEGSON-23W; DEGSON-24W; DEGSON-25W;
DEGSON-26W; DEGSON-27W; DEGSON-28W;
DEGSON-29W; DEGSON-30W

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

Case: The case is made of aluminium alloy housing and polycarbonate diffuser

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



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