

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

Our reference: DIM-HW-22-T030

Issue date: 6 October 2022

The luminaire supplied by you was inspected on 5 October 2022 and the results were presented as follows;

Description of luminaire:	"DIMON" LED Down Light DYNIS Series self-contained emergency Light
Complete set model:	DYNIS-4W; DYNIS-5W; DYNIS-6W; DYNIS-7W; DYNIS-8W; DYNIS-9W; DYNIS-10W; DYNIS-11W; DYNIS-12W; DYNIS-13W; DYNIS-14W; DYNIS-15W; DYNIS-16W; DYNIS-17W; DYNIS-18W; DYNIS-19W; DYNIS-20W; DYNIS-21W; DYNIS-22W; DYNIS-23W; DYNIS-24W; DYNIS-25W; DYNIS-26W; DYNIS-27W; DYNIS-28W; DYNIS-29W; DYNIS-30W; DYNIS-31W; DYNIS-32W; DYNIS-33W; DYNIS-34W; DYNIS-35W
Input:	AC 220V +/-10%, 50Hz
Case:	The case is made of metal housing and polycarbonate diffuser
Investigations requested:	Test on luminaire to comply with part B12 of FSD regulation PPA104 (5 <sup>th</sup> revision) and B3 of FSD regulation PPA 104(A) (5 <sup>th</sup> revision)

DIM-HW-22-T030

44840(0)

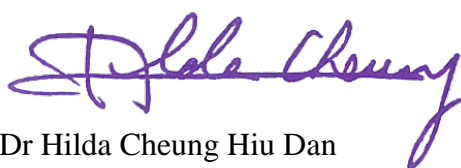
## Test results

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 passed the resistance to flame and ignition at a temperature of 850°C as stipulated in clause 13.3.2 of IEC 60598-1:2020, clause 22.16 of BS EN 60598-2-22:2014+A1:2020 and IEC60695-2-10:2013. The luminaire complied with relevant sections of BS 5266-1:2016 and BS EN 1838:2013 Therefore it passed part B12 of FSD regulation PPA104 (5<sup>th</sup> revision) and part B3 of FSD regulation PPA 104(A) (5<sup>th</sup> revision).



Dr Hilda Cheung Hiu Dan  
Instructor



Department of Building Environment and Energy Engineering



This certificate is issued by PolyU Technology and Consultancy Co. Ltd. (PTeC) to DIMON Technology Limited for the Consultancy Service Agreement signed by both parties. PTeC is the wholly-owned subsidiary of The Hong Kong Polytechnic University (PolyU) and is assigned by the PolyU to deal with all commercial matters on its behalf for the undertaking of external consultancy projects.

This is to certify that the above test was conducted at the laboratory of Department of Building Environment and Energy Engineering of The Hong Kong Polytechnic University with reference to the Agreement signed by both parties.