

PISEO SAS

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CLASSIFICATION OF PHOTOLUMINESCENT MATERIALS

Joël THOME, director of PISEO, certifies having carried out tests according to the ISO 17398: 2004 standard for the company SLIP PROOF NZ whose results are as follows:

- Sample Number 1, SKU:AD60-GLO and subjected to exposure to light radiation for 5 minutes is classified: Class A after 60 minutes.

This certification is based on the results from the PISEO R-LAB-1708-1 V2 report.

The classification is based on the ISO 17398: 2004 standard and its extension proposed by the PHOTOLUMINESCENT Safety Products Association. The PSPA classification system is based on luminance decay data as given when tested according to ISO 17398 (also ISO 16069) illuminated with 1000 lux from Xenon D75 (Daylight) source for 5 minutes (very similar to DIN 67510 Part 1 and ASTM E 2073-10 also with this illumination and time.

With recent developments in Codes and Standards for Photoluminescent Safety Products and in line with the recognized industry development it is now considered necessary to extend the PSPA material classification systems as follows:

Luminance mcd/m2	2 mins	10 mins	30 mins	60 mins
Class A	108	25	7	3
Class B	210	50	15	7
Class C	690	140	45	20
Class D	1100	260	85	35
Class E	1800	400	120	55
Class F	2300	520	155	70
Class G	3000	650	190	80

The extension recognize three new classes from E to G.



Joël THOME
CEO

PISEO is an independent innovation center specializing in the design and characterization of optical-photonic systems. As such, the company has its own optical metrology laboratory partially accredited ISO 17025 by COFRAC (scope available on www.cofrac.fr). This characteristic requires that all tests carried out in the laboratory benefit from the same quality policy and that they are carried out with complete impartiality.