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Second edition
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Paints and varnishes — Methods of exposure to laboratory light sources —

Part 3: Fluorescent UV lamps

*Peintures et vernis — Méthodes d'exposition à des sources lumineuses
de laboratoire —*

Partie 3: Lampes fluorescentes UV



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Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Apparatus	3
5.1 Laboratory light source.....	3
5.2 Test chamber.....	6
5.3 Radiometer.....	6
5.4 Black-standard/black-panel thermometer.....	6
5.5 Wetting and humidity.....	7
5.5.1 General.....	7
5.5.2 Spray and condensation system.....	7
5.6 Specimen holders.....	7
5.7 Apparatus to assess changes in properties.....	7
6 Test specimens (panels)	7
6.1 General.....	7
6.2 Preparation and coating.....	8
6.3 Drying and conditioning.....	8
6.4 Thickness of coating.....	8
6.5 Number of test panels.....	8
7 Test conditions	8
7.1 General.....	8
7.2 Radiation.....	8
7.3 Temperature.....	8
7.4 Relative humidity of chamber air.....	9
7.5 Condensation and spray cycles.....	9
7.6 Complex cycles with dark periods.....	9
7.7 Sets of exposure conditions.....	9
8 Procedure and mounting of the test specimens	10
8.1 General.....	10
8.2 Exposure.....	10
8.3 Measurement of radiant exposure.....	11
8.4 Determination of changes in properties after exposure.....	11
9 Test report	11
Annex A (informative) Spectral distribution of radiation for typical fluorescent UV lamps	12
Bibliography	16

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 139, *Paints and varnishes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 16474-3:2013) which has been technically revised. The main changes compared to the previous edition are as follows:

- in [7.2](#) the difference between the temperature of a black panel sensor and a black standard sensor has been corrected;
- in [Table 4](#) it has been changed that the black-panel temperature is not controlled during water spray;
- the text has been editorially revised and the normative references have been updated.

A list of all parts in the ISO 16474 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

Coatings of paints, varnishes and similar materials (subsequently referred to simply as coatings) are exposed to laboratory light sources, in order to simulate in the laboratory the ageing processes which occur during natural weathering or behind window glass.