

# DIN EN ISO 4892-3:2014-02 (E)

## Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps (ISO 4892-3:2013)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
1	Scope .....	4
2	Normative references .....	4
3	Principle .....	4
4	Apparatus .....	5
4.1	Laboratory light source .....	5
4.2	Test chamber .....	8
4.3	Radiometer .....	8
4.4	Black-panel/black-standard thermometer .....	8
4.5	Wetting .....	9
4.6	Specimen holders .....	9
4.7	Apparatus to assess changes in properties .....	9
5	Test specimens .....	9
6	Test conditions .....	10
6.1	Radiation .....	10
6.2	Temperature .....	10
6.3	Condensation and spray cycles .....	10
6.4	Cycles with dark periods .....	10
6.5	Sets of exposure conditions .....	10
7	Procedure .....	11
7.1	General .....	11
7.2	Mounting the test specimens .....	11
7.3	Exposure .....	12
7.4	Measurement of radiant exposure .....	12
7.5	Determination of changes in properties after exposure .....	12
8	Exposure report .....	12
Annex A (informative) Relative irradiance of typical fluorescent UV lamps .....		13
Bibliography .....		18