ISO 15370:2021 (E)

Ships and marine technology — Low-location lighting (LLL) on passenger ships — Arrangement

Contents

Foreword

Introduction

- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 4 Performance requirements
 - 4.1 General
 - 4.2 Phosphorescent systems
 - 4.3 Electrically powered systems
- 5 Technical product documentation

6 Installation on board

- 6.1 General
- 6.2 Corridors
- 6.3 Doors
- 6.4 Stairways
- 6.5 Signs and escape route signs
- 7 Approval of the installation
- 8 Maintenance

Annex A (normative) Testing of phosphorescent low-location lighting materials

- A.1 Purpose
- A.2 Testing to ISO 16069
- A.2.1 General
- A.2.2 Subclause A.5.2
- A.2.3 Subclause A.6.4.2
- A.2.4 Subclause A.9.2

Annex B (normative) Assessment of installations on board

- B.1 Purpose
- B.2 Luminance measurements
- B.3 Testing to ISO 16069
- Annex C (informative) Measurement record for phosphorescent materials
- Annex D (normative) Minimum width and required luminance
- Annex E (normative) Testing of electrically powered low-location lighting systems
 - E.1 Purpose
 - E.2 Test specimens
 - E.3 Ambient conditions
 - E.4 Luminance instrumentation
 - E.5 Measurement conditions
 - E.6 Luminous measurements
 - E.6.1 General

- E.6.2
- Luminance of planar light lines Luminous intensity of point light source lines Test report E.6.3
- E.7
- (normative) Corridor recess and stairway arrangement diagrams Annex F
- Annex G (informative) LLL installation and arrangement examples

Page count: 30