

SSG 4451E

Date Edition 2014-02-28

Designation Page TKE/TKB 1 (10)

Lighting **Guidelines for planning**

General

[Information within brackets in this document refers to local regulations]

This edition differs from the previous one in that a general revision has taken place, the text has been adapted to comply with current regulations and standards, etc.

The instructions provide guidelines for detailed design of lighting. The instructions must be viewed as an aid for the resolution of the fundamental issues in connection with lighting projects.

Contents

1 Related documents

2 Basic factors for planning of lighting

- 2.1 Selection from AFS 2009:2
- 2.2 Other basic factors

3 Calculation methods

4 Technical issues

- 4.1 Colour schemes for premises and machine installations
- 4.2 Protection and choice of fittings
- 4.3 Emergency lighting
- 4.4 Outdoor lighting
- 4.5 Positioning and connection of fittings
- 4.6 Other technical observations

5 Recommendations for the selection of lighting type and determination of quality levels

- 5.1 Quality factors
- 5.2 Brightness and type of light source

Appendix 1. Recommended brightness for various premises

Appendix 2. Example of installation and operating cost for fluorescent tube fittings

1 Related documents

A manual on workplace design AFS 2009:2 is available from the Swedish Work Environment Authority Publication Service

E-mail: publikationsservice@av.se

website: www.av.se

Ljuskultur publishes a range of literature relating to lighting. This includes literature on energy-efficient lighting. info@ljuskultur.se, website: www.ljuskultur.se

Reports and programme requirements for good, energy-efficient lighting are available to download from the Swedish Energy Agency (www.energimyndigheten.se)

Technical literature from manufacturers and suppliers.

Other references, see section 4.2.