

# Studies on the Visual Environmental Consideration for Visually Challenged People

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There is currently not enough design source material or research data concerning the needs of elderly people and visually challenged people for adequate visual environment in their daily lives. The purpose of this study consisting of seven technical reports is to provide available data on the lighting environment in architectural spaces. This study assists in better understanding the relationship between adequate brightness and contrast using some visual targets, steps and colors.

Within this context, the author has sought to evaluate the visibility of lateral lines on stairway edges and leading lines on roads to walk safely. As a consequence, the author seeks to provide effectual data to promote universal design in next generation.