

## Peran tata cahaya terhadap prerservasi artefak dan kenyamanan pengunjung museum = Lighting design for artifacts preservation purposes and visual comfort in museums

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### Abstrak

Sejarah merupakan tolak ukur berkembangnya sebuah bangsa, termasuk Indonesia. Artefak yang dipajang dalam ruang museum harus mempertimbangkan standar yang berlaku untuk kebutuhan preservasi. Sayangnya, untuk kebutuhan preservasi kenyamanan visual pengunjung menjadi kurang diperhatikan. Di satu sisi, artefak membutuhkan pencahayaan yang spesifik sesuai kebutuhan preservasi, dan di sisi lain, manusia membutuhkan penerangan yang cukup untuk dapat melihat dengan jelas. Museum Seni Rupa dan Keramik, dan Museum Wayang menjadi studi kasus pada penelitian ini. dengan menyeimbangkan kenyamanan pengunjung dan kebutuhan preservasi diharapkan akan menambah antusiasme masyarakat sekitar untuk lebih belajar tentang budaya Indonesia.

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Histories mark the making of nations and mankind of a country, nevertheless Indonesia. Artefacts displayed in museum has to follows certain guidelines for preservation purposes. Unfortunately, the visual comfort of visitors is often neglected. On one hand, displayed artefacts require minimal exposure from UV light for preservation and on the other hand human eye need a decent amount of brightness to keep their visual comfort. This paper focuses on maintaining overall brightness for artefacts preservation purposes while at the same time keep the acuity of visitors visual comfort. Museum Keramik; and Museum Wayang in Jakarta were taken as case studies. Lighting intensity towards artefacts will me measured and to be compared with questionnaire with visitors and respondents. Comparisons of both data will be used to determine the effect of perceived brightness towards the use of lighting throughout the artefacts in museums. By presenting visual comfort in museum environment and the same time preserving the artifacts, a substantial increase of visitors satisfaction is to be expected.