

ABSTRACT

Analysis Of Lighting In HKBP Church Serpong

Prayogo Winata.¹⁾, Sahid.²⁾,

¹⁾ Student of Architecture Department, Universitas Pembangunan Jaya,

²⁾Lecture of Architecture Department, Universitas Pembangunan Jaya

In a human activity, the need for a support is appropriate lighting in the regulation of the Indonesian National Standard (SNI) 03-2396-2001 it is explained that the standard of light needs can be said to be sufficient to support certain activities. The HKBP Serpong Church House of Worship as a place of worship is unique in terms of lighting that supports a more solemn worship where in the standard regulations of SNI 03-6197-2000 the minimum light for church buildings is 200 Lux. This study aims to determine the lighting conditions in the church in terms of application and performance in the activities and comfort of church users by measuring natural lighting and artificial lighting in the service room of the HKBP Serpong Church with a Lux Meter. The author uses the Quantitative Method and the Quantitative Method to get the results to be compared with SNI. The author conducted for 6 days of measurement, the first 2 days to do the experiment and then the next 4 days to get accurate results, in the worship room. The measurement results for 4 days, divided into 2 categories of natural lighting and natural and artificial lighting.

Keywords : *natural lighting source, manmade lighting source, standard lighting, house of worship*

Libraries : 8

Publication Years : 2001 - 2018