

ABSTRACT

Glare index in SNI 03-2396-2001 in Indonesia refers to CIBSE Publication TM 10 . This standard has been used since 2001 and there is currently no further research. While research on glare index outside Indonesia has been developed. A simple method that can be used as a glare and index tool is High Dynamic Range (HDR) photography. Therefore research is needed to build a way of measuring glare in Indonesia so that existing standards can be developed. To build a way of measuring the glare is done by creating an HDR image, and a glare evaluation that results in Daylight Glare Probability (DGP) values. Based on the research, it was found that High Dynamic Range (HDR) photography technique can be used as a method of measuring daylight glare. DGP values are affected by vertical illuminance with the same angle of shooting angle. As for the different angle picture angling conditions DGP values are not only influenced by the value of vertical illuminance, but there are other factors that affect.

Keywords: glare, High Dynamic Range , Daylight Glare Probability