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Abstract

A Study on the Basic Lighting for Outdoor Stage

Sung-Ho Lee

Professor of Theatre Design & Production

SangMyung University

The lighting plays an important roles as center element of stage design and visual constituent element throughout a performance. Also it gives a vital force and an energy to a performance work, and it makes performance work harmonize with stage creation elements. Different from other visual art, all performance works must lean on the lighting for a visual effects and creation of atmosphere. Staff and choreographers must be familiar with visuality and technology of lighting to take continuous alteration, because the contribution of the lighting as an visual effect is crucial in atmosphere creation. Particularly nowadays performance in various type theaters like gymnasiums, the athletic field, the circular stage and field stage are more used as an alternative for standardized proscenium theater. And introduction of technology has been accomplished for a better visual effective .

This is to make a deep impression on audience by the application of various media. Lighting progressed from subsidiary concept of the stage design in the past century, then it was located the center of performance work . But it is hard to explain theater lighting with the concept to we had untill now. Because new lighting equipment and digital technology are applied to performance. Also the interior and outdoor theater construction by a non-professionals makes the solution of this problems more difficult. The creation work of lighting is expressed by emphasizing a harmony of circumferential environments of the stage and an act. Almost all outdoor performance theaters present are made by architects who do not have whole knowledge about performance. And since performance places are merely used as a bate for attracting historic sites, tour and culture parks often times it is the exterior that only counts. This construction form of the outdoor performance theater cuts choreography and lighting designer's imagination from natural view and circumference environment. This thesis aims to point out problems to bring about the interior and outdoor performance works, and to propose the basic lighting design in outdoor performance in different of indoor performance. First by analyzing the process of lighting and the Western stage alterative, and later presenting the basic methods of lighting by examining domestic theatres. But it will be impossible to limit technical lighting methodology to the lighting designer who plays an active part in the field of creative works that solve numerous works with various contents by imagination and originality.

Moreover systematizing lighting methodology may be impossible, because of the shortage of technical comprehension about various analog lighting equipments and digital lighting system.

If technical grammar of lighting design is established, it is skeptical whether it produces good results to all sorts of performance. In spite of this, concrete methodology of lighting design in various type of theaters must be sought for the successful creation work. The method and style of lighting changed with the change process of stage. It is a solution awaiting problem for the lighting designer to solve by all means. And the lighting designer must recognize the importance of role and value of the light. Various means of lighting methods for all spaces must be explored through a established knowledge of basic concept.

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