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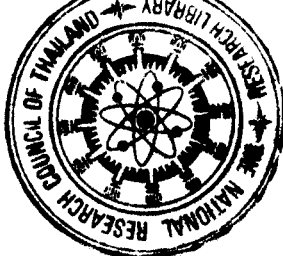
VISUAL OF LIGHT;  
AN EXPERIMENTAL STUDY ABOUT ART AND SCIENCE OF LIGHT

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A PROJECT SUBMITTED IN PARTIAL FULFILLMENT  
OF THE REQUIREMENTS FOR  
THE DEGREE OF MASTER OF SCIENCE (DESIGN AND PLANNING)  
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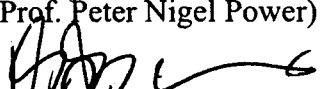
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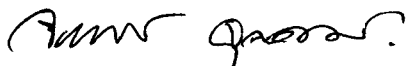
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**E 46931****Abstract**

‘Visual of Light’, An Experimental Study about Art and Science of Light is a practice-based study beginning with the researcher’s self-interest of light, specifically on the existing of light in everyday life context. It is intended to reveal the visual form of light as in physical appearance. This study enhances knowledge and understanding relating to the interconnection of art and science of light. It was progressively developed along with self-experience and the experimentation, which video recording device, video editing software and hand recording materials were taken as major tools. The scientific knowledge of light such as physic, optical phenomenon and perceptual psychology was explored together with the particular uses of light in terms of art and design. They are varied from natural light in architecture, lighting in film, abstract cinema to light art. Consequently, the study has revealed a creative final outcome that is the self-reflective manifestation of motion images of light in a video format. The visual forms and characteristics of light are expressively composed in the aesthetic visual language. The process of the creative practice, its development and the result are precisely and critically described with the contribution of knowledge and self-reflective experience.

**Keywords:** Light / Natural light / Architecture / Abstract cinema / Light art / Optical phenomenon / Video / Lighting in film

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