

Journal of Light & Visual Environment

The Illuminating Engineering Institute of Japan

DIV.
LUMINOTECNIA
024

2005 Vol.29 No.3

Journal of Light & Visual Environment

Volume 29 Number 3, December 2005

CONTENTS

Papers

- VUV Emission Spectroscopy of CO Gas Discharge** 79
A. Hatta
- E- to H-mode Transition in Inductively Coupled Xenon Discharge Lamp** 85
A. Nazri, S. Inui, H. Motomura, M. Jinno and M. Aono
- Emission Characteristics of Xenon and Xenon-Rare Gas Dielectric Barrier Discharge Fluorescent Lamps** 91
M. Jinno, H. Motomura, K. H. Loo and M. Aono
- Pulsed Discharge Mercury-Free Xenon Fluorescent Lamps with Multi-Pairs of Electrodes** 99
M. Jinno, H. Motomura and M. Aono
- Energy Balance and Other Characteristics of Rare Gas Fluorescent Lamps for Image Illumination** 104
T. Mizojiri, R. Sonoda, T. Okamoto and M. Yoshioka
- Digital Technique by Box Counting Method for Predicting Subjective Estimation of Good Scenery** 116
T. Oikawa and I. Sasaki
- "Impression of Brightness of a Space" Judged by Information from the Entire Space** 123
M. Kato and K. Sekiguchi
- Influence of Initial Adaptation Level and Elapsed Time on Suitable Illuminance for Relaxation and Satisfaction Level of a Space in Terms of Relaxation** 135
K. Ishida and Y. Inoue
- Letter**
- A Basic Study on the Estimation of Reflectance Characteristics of Glossy Curved Objects** 143
T. Yamada, N. Ikemoto and M. Isomura
- The Abstracts of the Papers, J. Illum. Engng. Inst. Jpn., Vol.89, 2005** 148
- Notes for Contributors**

A journal published every four months, consisting of papers and general reports, covering light sources, vision, color, radiometry, lighting design, and all other fields of lighting engineering.

Published by The Illuminating Engineering Institute of Japan

2-8-4 Kanda Tsukasa-cho, Chiyoda-ku, Tokyo 101-0048, Japan

URL: <http://www.ieij.or.jp/english/> (abstracts only starting from Vol. 20) and
<http://jlve.jstage.jst.go.jp/en/> (full texts starting from Vol.26)

EDITORIAL BOARD

Chief Editor

Satoru Kawai

Editorial Adviser

Koichi Ikeda

Managing Editors

Yoshikazu Araki

Masao Furusho

Takashi Irikura

Toshie Iwata

Masafumi Jinno

Osamu Kumata

Yoshiki Nakamura

Yasuhisa Nakano

Tarow Noguchi

Masako Sasaki

Takeo Yasuda

Editorial Members

Toshihiko Arai

Kenjiro Hashimoto

Takashi Higo

Shigeru Ichihara

Masayuki Iizuka

Ariyoshi Ishizaki

Yasuko Koga

Masato Sato

Kunihide Tachibana

Shin Ukegawa

Overseas Editorial

Members

Robin Devonshire

(UK)

Warren Julian

(Australia)

Florin Pop

(Romania)

Janos Schanda

(Hungary)

Georges Zissis

(France)

Secretaries

Kanji Kinameri

Minao Nakamura