



LATINDEX - Research Gate - DULCINEA - CLASE - Sudoc - HISPANA - SHERPA UNIVERSIA - E-Revistas - Google Scholar
DOI - REBID - Mendeley - DIALNET - ROAD - ORCID

Title: Medición y análisis del proceso de combustión en un sistema schlieren en la región visible e infrarrojo cercano

Authors: Armando GÓMEZ VIEYRA*, Cornelio ÁLVAREZ HERRERA, J. Antonio Cisneros Martínez, Karla B. Vergara Vázquez, Grethell G. Pérez Sánchez, J. RAÚL MIRANDA TELLO

Editorial label ECORFAN: 607-8324
BCIERMIMI Control Number: 2017-02
BCIERMIMI Classification (2017): 270917-0201

Pages: 9

Mail: agyte@correo.azc.uam.mx
RNA: 03-2010-032610115700-14

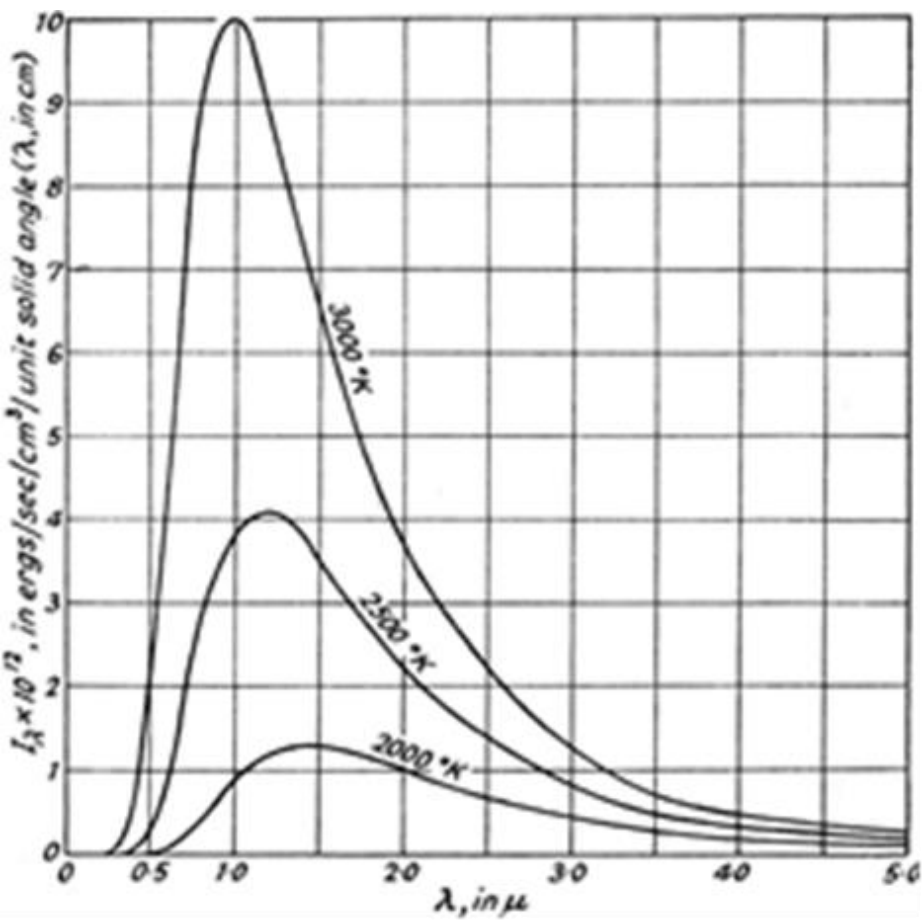
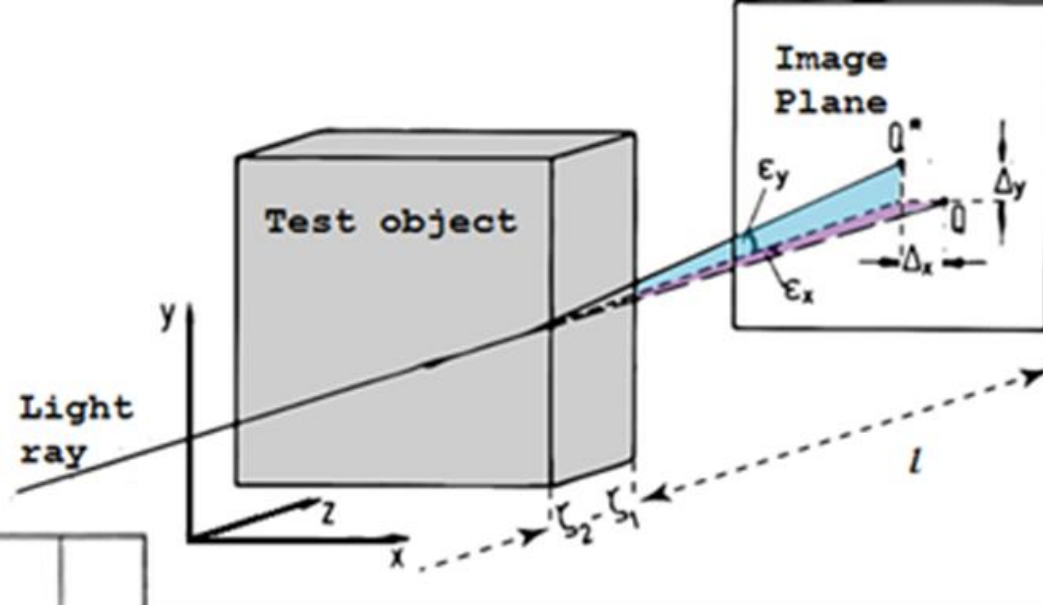
ECORFAN-México, S.C.
244 – 2 Itzopan Street
La Florida, Ecatepec Municipality
Mexico State, 55120 Zipcode
Phone: +52 1 55 6159 2296
Skype: ecorfan-mexico.s.c.
E-mail: contacto@ecorfan.org
Facebook: ECORFAN-México S. C.

Twitter: @EcorfanC

www.ecorfan.org

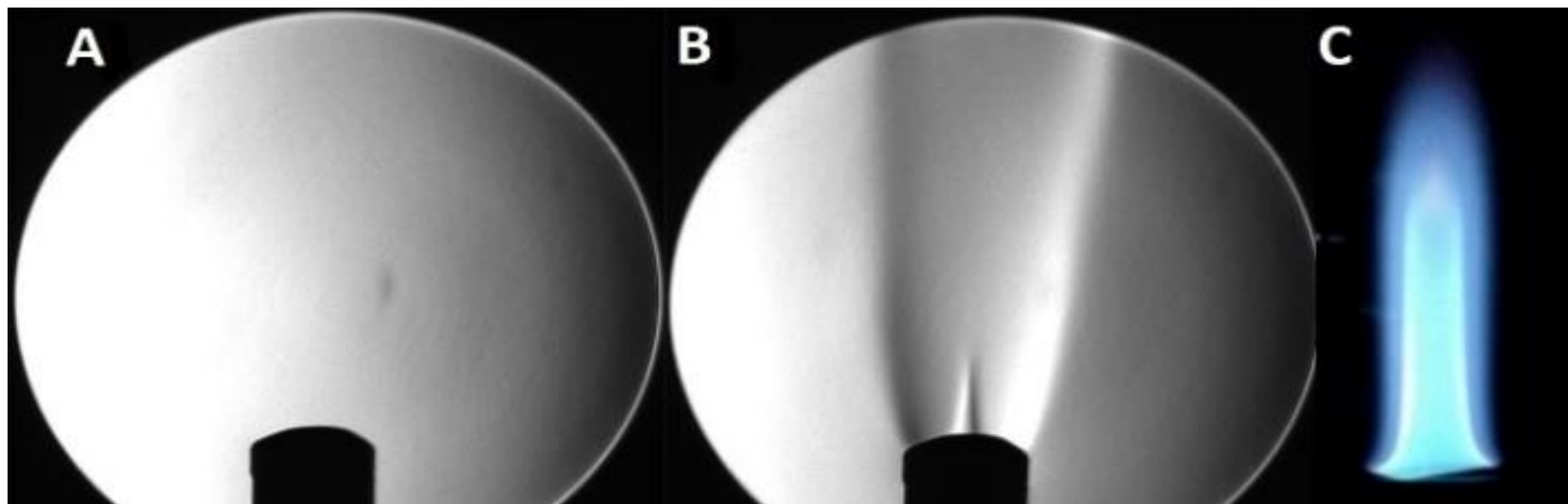
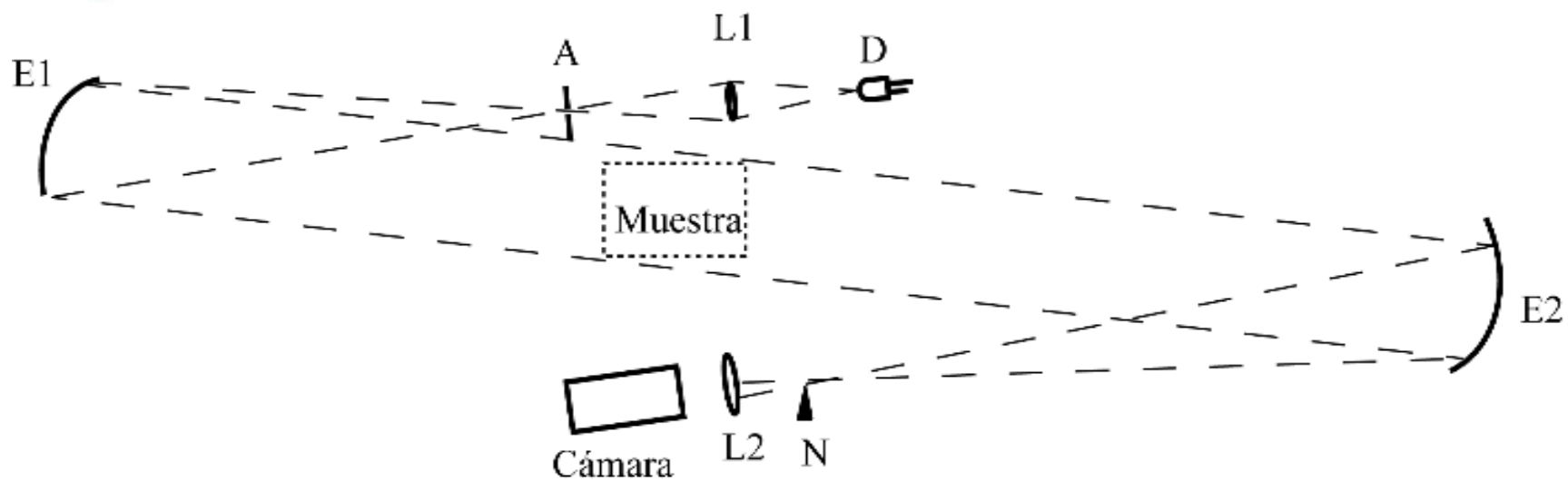
Holdings

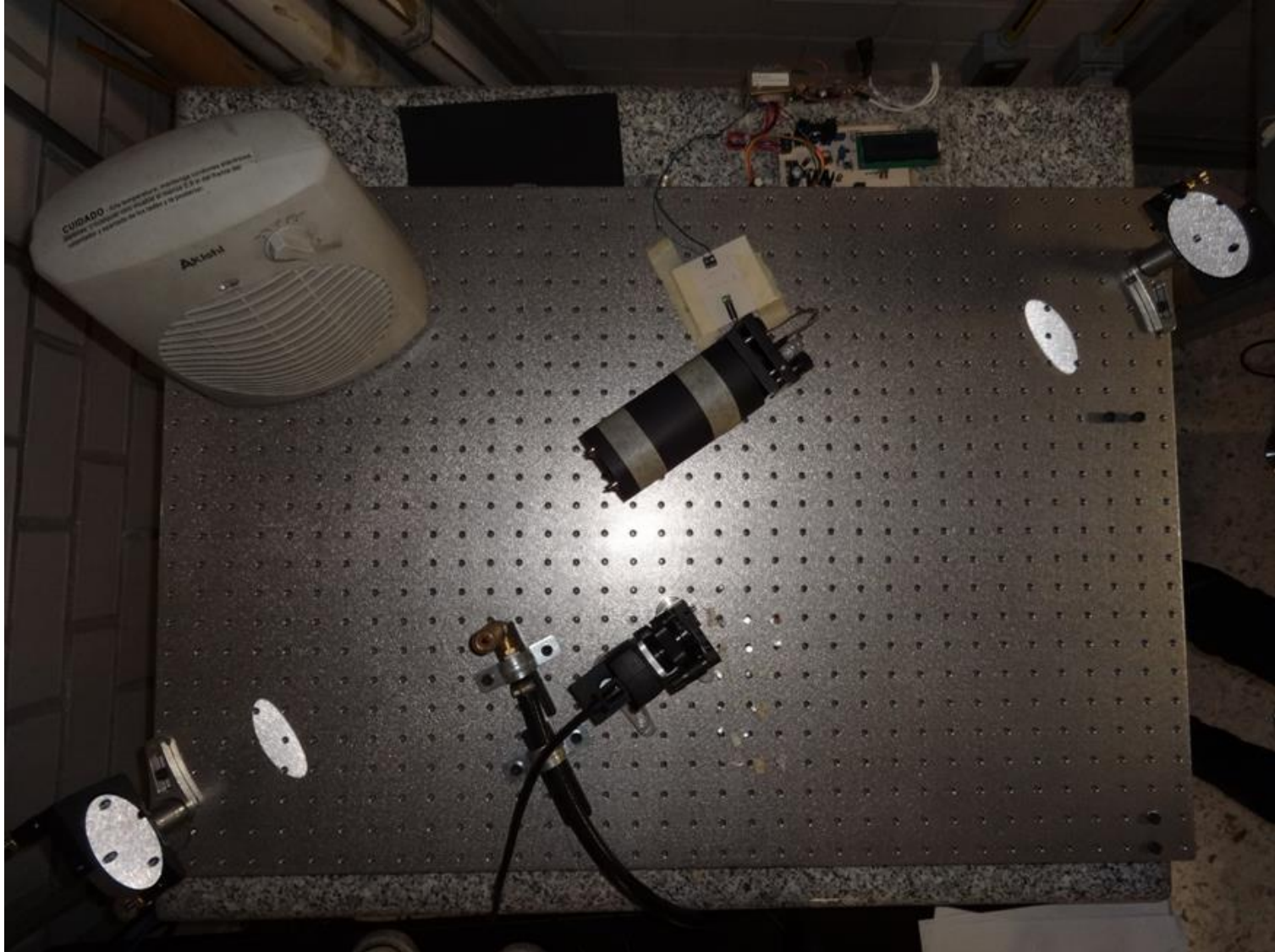
Bolivia	Honduras	China	Nicaragua
Cameroon	Guatemala	France	Republic of the Congo
El Salvador	Colombia	Ecuador	Dominica
Peru	Spain	Cuba	Haití
Argentina	Paraguay	Costa Rica	Venezuela
Czech Republic			

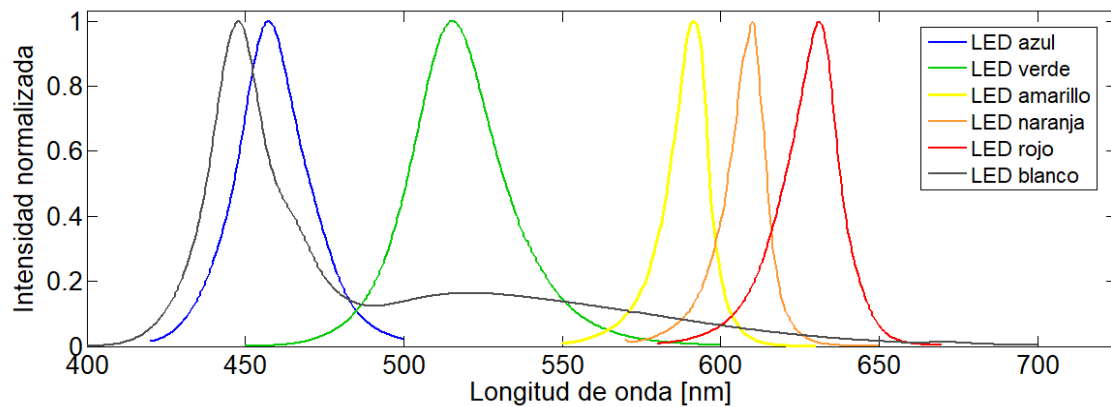


La ley de Gladstone-Dale

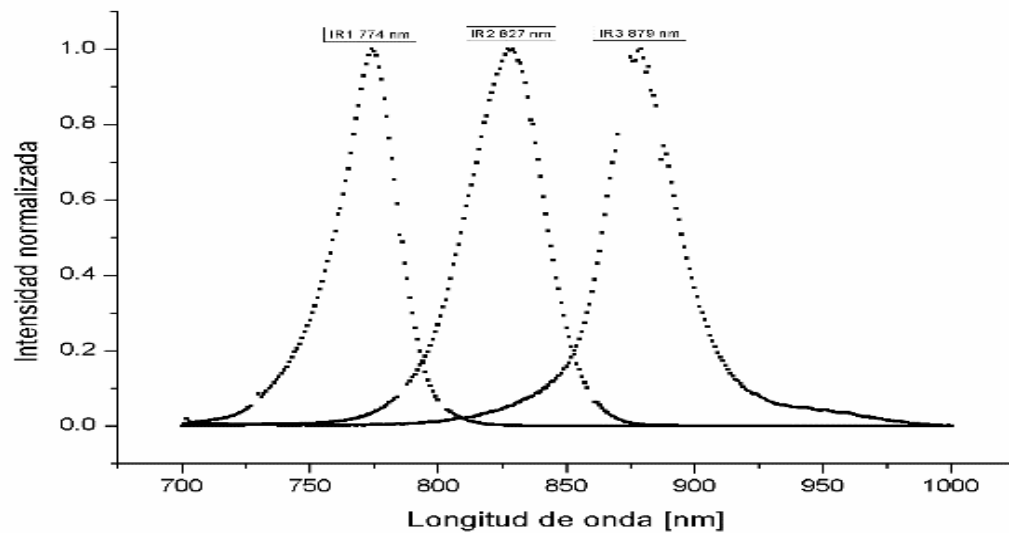
$$n - 1 = k\rho$$



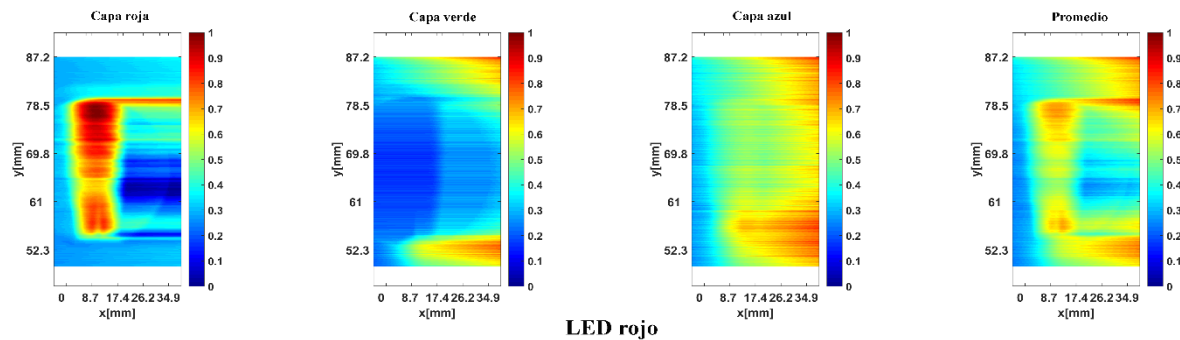
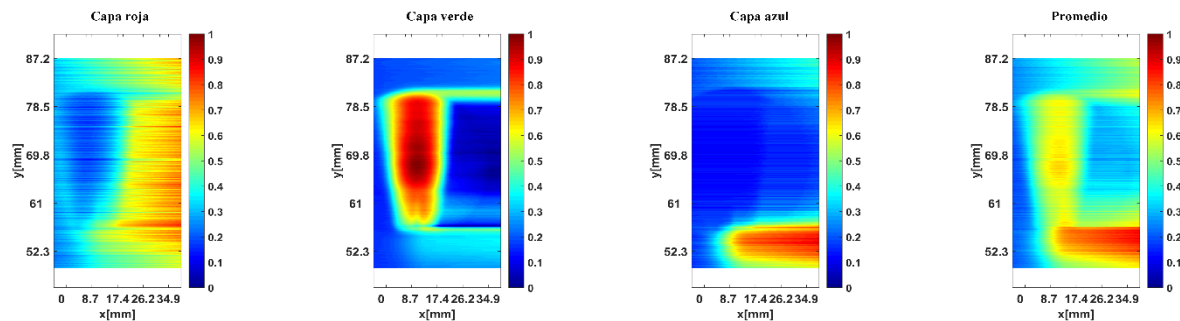
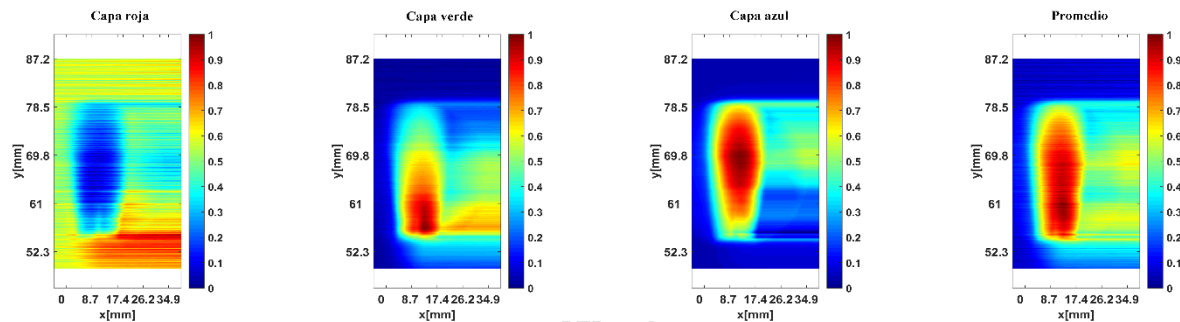
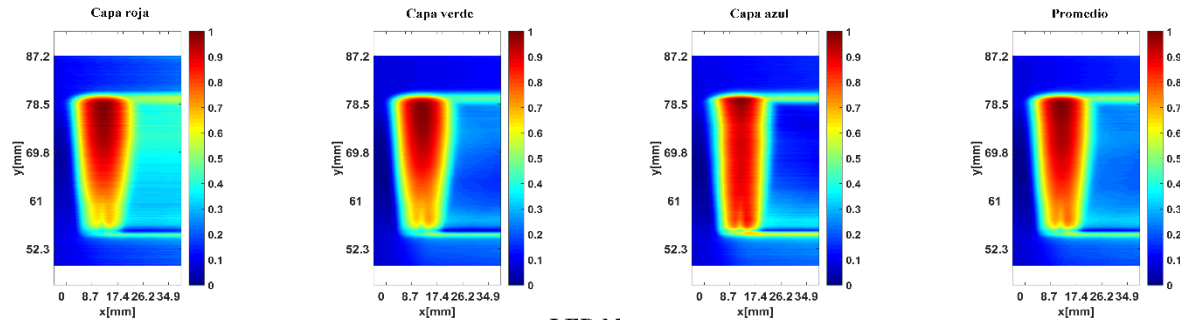




Longitud de onda [nm]	Color
457	Azul
515	Verde
591	Amarillo
610	Naranja
630	Rojo



Longitud de onda [nm]	LED
774	IRV1
827	IRV2
879	IRV3

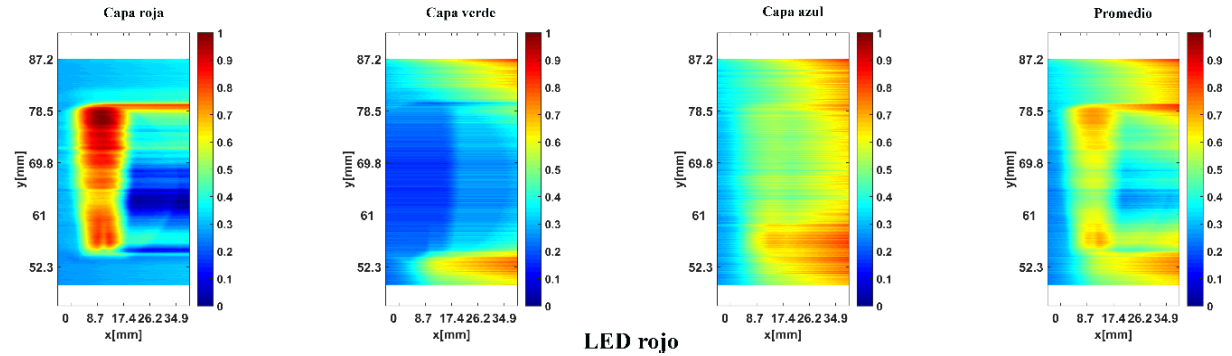
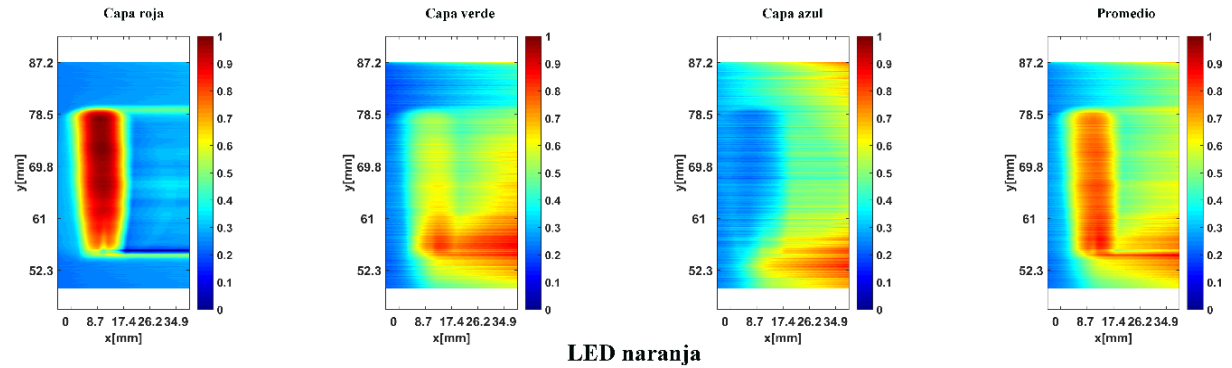
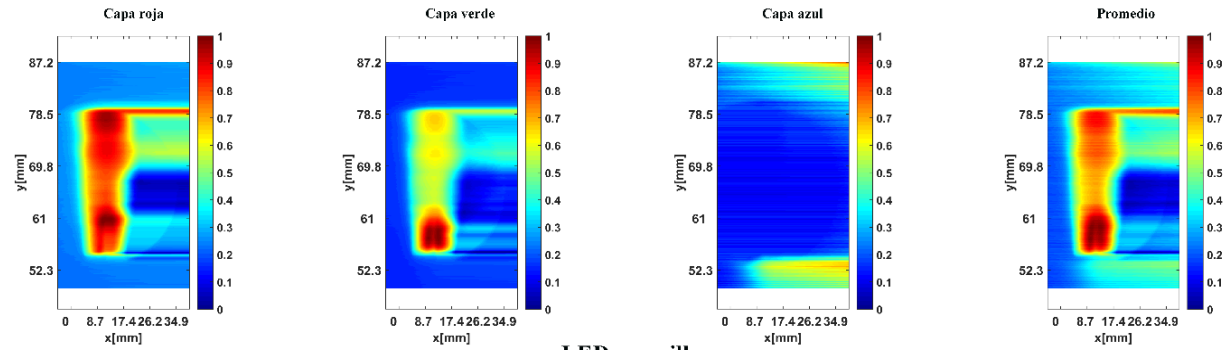


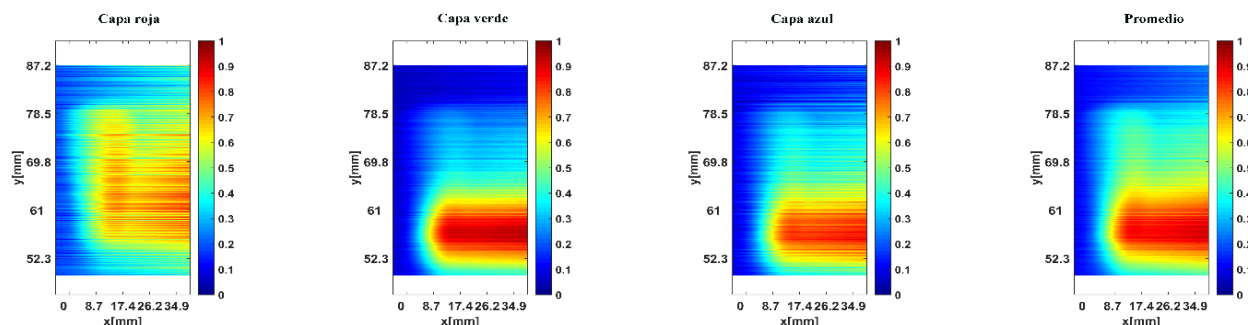
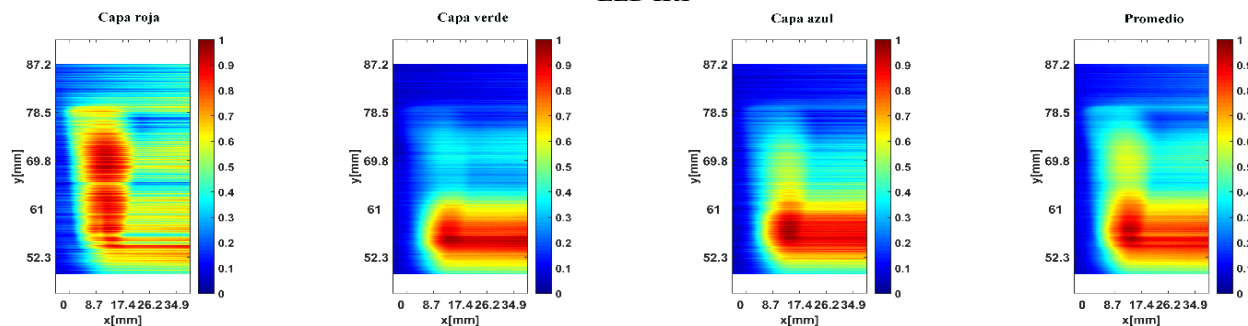
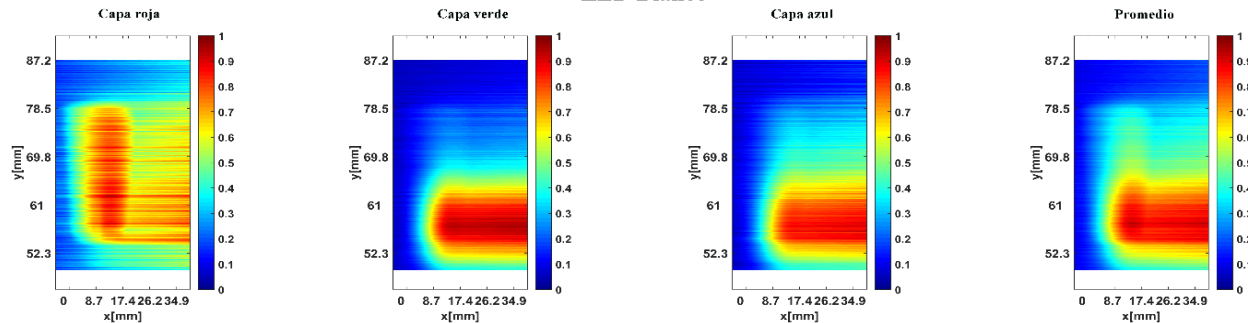
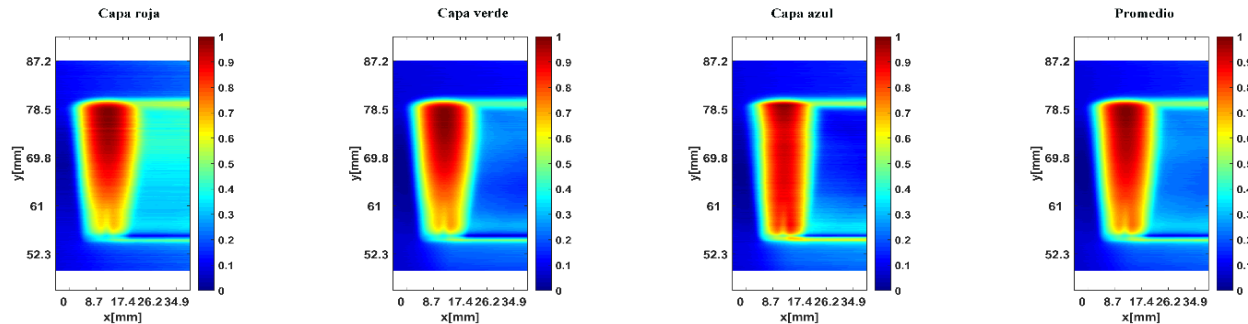


ECORFAN®

© ECORFAN-Mexico, S.C.

No part of this document covered by the Federal Copyright Law may be reproduced, transmitted or used in any form or medium, whether graphic, electronic or mechanical, including but not limited to the following: Citations in articles and comments Bibliographical, compilation of radio or electronic journalistic data. For the effects of articles 13, 162,163 fraction I, 164 fraction I, 168, 169,209 fraction III and other relative of the Federal Law of Copyright. Violations: Be forced to prosecute under Mexican copyright law. The use of general descriptive names, registered names, trademarks, in this publication do not imply, uniformly in the absence of a specific statement, that such names are exempt from the relevant protector in laws and regulations of Mexico and therefore free for General use of the international scientific community. BCIERMIMI is part of the media of ECORFAN-Mexico, S.C., E: 94-443.F: 008- (www.ecorfan.org/ booklets)







Conclusiones

El sistema Schlieren funciona básicamente con la transmisión de la luz, en consecuencia, debe ser la componente de intensidad más importante. La variación de la fuente de iluminación, de un LED de luz blanca a fuentes LED con distintos anchos de banda discretos y limitados, ha permitido realizar análisis de temperatura con la gran ventaja de poder estudiar los procesos de absorción por las moléculas existentes en la reacción y visualizar localmente la generación de componentes espectrales en un análisis de campo completo. Es claro que se necesita trabajar la interpretación de estos resultados con respecto a los procesos de combustión y su relación con la espectroscopía existente.

