Accepted Manuscript

LICA AstroCalc, a software to analyze the impact of artificial light: extracting parameters from the spectra of street and indoor lamps

Carlos Eugenio Tapia Ayuga, Jaime Zamorano

 PII:
 S0022-4073(17)30869-5

 DOI:
 10.1016/j.jqsrt.2018.04.022

 Reference:
 JQSRT 6068

To appear in: Journal of Quantitative Spectroscopy & Radiative Transfer

Received date:	14 November 2017
Revised date:	14 March 2018
Accepted date:	20 April 2018

Please cite this article as: Carlos Eugenio Tapia Ayuga, Jaime Zamorano, LICA AstroCalc, a software to analyze the impact of artificial light: extracting parameters from the spectra of street and indoor lamps, *Journal of Quantitative Spectroscopy & Radiative Transfer* (2018), doi: 10.1016/j.jqsrt.2018.04.022

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



- Presented a complete database of lamps spectra from streetlights.
- Developed user friendly software to extract information from any provided spectra.
- Variation on the spectra after a reflection on any paint.
- How the lights affect on melatonin and chlorophyll including the effects of paints.

1

Download English Version:

https://daneshyari.com/en/article/7845940

Download Persian Version:

https://daneshyari.com/article/7845940

Daneshyari.com