

photobiologyInOut Version 0.2.0

User Guide

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1 Introduction

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library(photobiology)
library(photobiologyInOut)
```

This package defines functions for importing spectral data from different instruments (Table 1) and simulation models (Table 2).

R function	Instrument	Program
read_ooss_txt_file()	Ocean Optics spectrometers	SpectraSuite
read_macam_dta_file()	Macam	<i>instrument</i>
read_licor_prn_file()	LI-COR LI-1800	PC1800 (MS-DOS program)

Figure 1: Functions for importing measured spectral emission data

R function	Simulation model	version
read_tuv_file()	TUV (Sasha Madronich)	version 5.0 (modified by PJA)
read_tuv_file()	TUV (Sasha Madronich)	edited output from 5.0 (original)

Figure 2: Functions for importing simulated spectral data from models