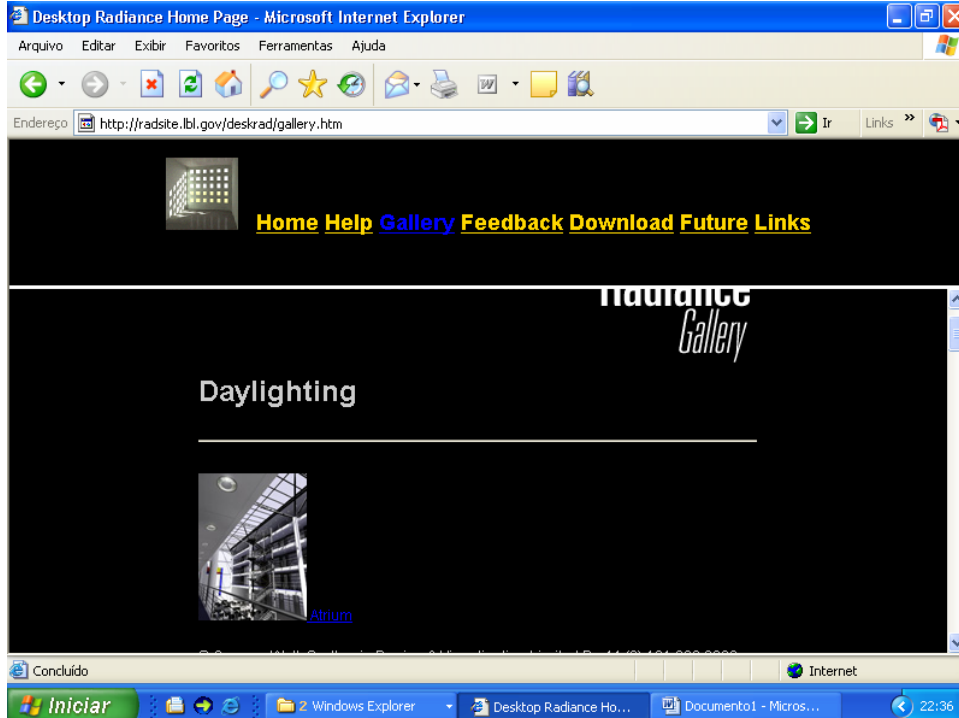


# ILUMINAÇÃO NATURAL – SOFTWARES

## 1. Relux Professional 2005 - [www.relux.biz](http://www.relux.biz)



## 2. Desktop Radiance - <http://radsite.lbl.gov/deskrad/>



### 3. Dialux 4.1 - [www.dial.de](http://www.dial.de)



### 4. Daysim - [http://irc.nrc-cnrc.gc.ca/ie/lighting/daylight/daysim\\_e.html](http://irc.nrc-cnrc.gc.ca/ie/lighting/daylight/daysim_e.html)



5.Sycalc - <http://www.energydesignresources.com/resource/129/>

The screenshot shows a Microsoft Internet Explorer browser window. The address bar contains the URL <http://www.energydesignresources.com/resource/129/>. The page title is "SkyCalc Users Guide". The main content area contains the following text:

As described in Chapter 5, there are many factors of which to keep track when sizing skylights. We have reduced the tedium of optimizing your skylight design with a simple-to-use spreadsheet that identifies the energy and cost savings, and shows the effects of changing various aspects of the system. This Microsoft Excel® spreadsheet, named [SkyCalc](#), will predict the lighting and energy outcomes of a given skylighting system over a range of skylight-to-floor area ratios. It will graph the overall energy and cost savings for lighting, heating, and cooling. This will help you to quickly pinpoint the optimal sizing of skylights to maximize your energy or cost savings.

[Download the SkyCalc Users Guide](#)

### Download SkyCalc

SkyCalc runs on Microsoft Excel 7.0 for Windows 95™ or a compatible version of Microsoft Excel™. Installation requires a minimum of 2 MB of free disk space, but 10 MB of free space is recommended for running the program.

[Download SkyCalc](#)

The browser's taskbar at the bottom shows the "Iniciar" button, several open applications including "Windows Explorer" and "EDR > Software - Mic...", and the system clock showing "23:08".

The screenshot shows a Windows Internet Explorer browser window displaying the Florida Solar Energy Center website. The address bar shows the URL <http://www.fsec.ucf.edu/en/research/buildings/fenestration/software.htm>. The page features a navigation menu with "CONSUMER", "EDUCATION", "RESEARCH", and "INDUSTRY". The main content area is titled "Software for Fenestration" and includes the following text:

Computer programs useful for designing buildings, windows, and shading systems are available from a variety of sources.

FSEC's more general Energy Gauge® software, for building energy performance assessment, is available at <http://www.enerquasoft.com/>.

Some fenestration-related software is available for free download from this site. Click on the appropriate link below.

[FSEC Software](#) | [Other Fenestration Software Sources](#)

#### FSEC Software

The following computer programs are being developed for use in building energy analyses, including window and shade design and performance evaluation. They are offered here for free download. The programs come with no warranty, guarantee, or other legal protection. We believe them to be based upon correct formulations and proper programming, but the user must bear full responsibility for the consequences of their use.

The program descriptions follow the link to the program and the instructions for downloading. The new versions will be posted for download as they become available. Please check back monthly, to see which ones have been added.

#### DOWNLOAD INSTRUCTIONS

1. In most cases, the program is an exe file ready to run. Download it into the directory recommended above below the download link. Also download any associated files and subdirectories to the recommended directory. For example, INFFILES and OUTFILES folders. If these are present, the contents of the INFFILES folder are needed by the program, and program print results go to the OUTFILES folder. Note that some programs may require additional software.

The browser's taskbar at the bottom shows the "Iniciar" button, several open applications including "Windows Explorer" and "Florida Solar...", and the system clock showing "11:22".

shading devices - Pesquisa Google - Windows Internet Explorer

http://www.google.com.br/search?hl=pt-BR&q=shading+devices&btnG=Pesquisar&meta=

Arquivo Editar Exibir Favoritos Ferramentas Ajuda

Google shading devices Pesquisar Pesquisar avançada

Pesquisar: a web páginas em português páginas do Brasil

Web [Imagens](#) [Grupos](#) [Notícias](#) [mais >](#) [Estudar login](#)

Web Resultados 1 - 10 de aproximadamente 1.100.000 para shading devices (0,11 segundos)

Dica: Ganhe tempo teclando Enter ao invés de clicar em "Pesquisar"

**WBDO: Sun Control and Shading Devices** [ Traduzir esta página ]  
Well-designed sun control and shading devices can dramatically reduce building peak heat gain and cooling requirements and improve the natural lighting ...  
[www.wbdg.org/design/suncontrol.php](http://www.wbdg.org/design/suncontrol.php) - 37k - [Em cache](#) - [Páginas Semelhantes](#)

**External Shading Devices** [ Traduzir esta página ]  
External shading devices incorporated in the building facade to limit the internal heat gain resulting from solar radiation. Most commonly these take the ...  
[www.advancedbuildings.org/main\\_1\\_lighting\\_ext\\_shading\\_devices.htm](http://www.advancedbuildings.org/main_1_lighting_ext_shading_devices.htm) - 17k - [Em cache](#) - [Páginas Semelhantes](#)

**Your Home Technical Manual - 1.9 Shading - Part 1** [ Traduzir esta página ]  
Use external shading devices over openings. Lighter-colored shading devices reflect more heat. Internal shading will not prevent heat gain unless it is ...  
[www.greenhouse.gov.au/yourhome/technical/fs19.htm](http://www.greenhouse.gov.au/yourhome/technical/fs19.htm) - 21k - [Em cache](#) - [Páginas Semelhantes](#)

**External Shading Devices** [ Traduzir esta página ]  
The design of shading devices can be quite complex. Computer programs exist to accurately shape shades for very specific purposes. However, in their absence ...  
[www.learn.londonmet.ac.uk/~internal/buildings/passive\\_system/solar\\_access\\_control/external\\_shading.html](http://www.learn.londonmet.ac.uk/~internal/buildings/passive_system/solar_access_control/external_shading.html) - 12k - [Em cache](#) - [Páginas Semelhantes](#)

**Shading Devices** [ Traduzir esta página ]  
To carry out the shading function one or more of a number of shading devices can be employed. The devices can be classified into three types. ...  
[www.learn.londonmet.ac.uk/packages/clearinteractive/matrix/shading/shading\\_devices.html](http://www.learn.londonmet.ac.uk/packages/clearinteractive/matrix/shading/shading_devices.html) - 15k - [Em cache](#) - [Páginas Semelhantes](#)

**pro: Shading Devices**  
Formato do arquivo: PDF/Adobe Acrobat - [Ver em HTML](#)  
Exterior shading devices include awnings, louvers, shutters, ... Lighter-colored shading devices reflect more heat & internal shading will not prevent heat ...  
[www.energycoalition.org/energy\\_tips/shading.pdf](http://www.energycoalition.org/energy_tips/shading.pdf) - [Páginas Semelhantes](#)

**pro: 8.1.1 Install external shading devices appropriate for each...**  
Formato do arquivo: PDF/Adobe Acrobat - [Ver em HTML](#)  
It is advised to maintain the shading device when routine heating is desirable. shading

Concluído

Internet | Modo Protegido: Ativado 100%

Windows Update shading devices - P...