



INTEGRATED
ENVIRONMENTAL
SOLUTIONS

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Electrical/Lighting Engineer Package



IES VIRTUAL ENVIRONMENT
Electrical/Lighting
Engineer Package

SECTOR

SOFTWARE

DATE

APRIL 2014

COUNTRY

EUROPE

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INTEGRATED ENVIRONMENTAL SOLUTIONS

The IES Electrical package includes all of the tools an Electrical or Lighting Design engineer needs for an accurate and detailed building analysis.

- > 3D modelling, including importing capabilities from gbXML, IFC, or dxf files. Direct connections to SketchUp and Revit with specialized plugins.
- > Design the optimal lighting system for your building and the people who use it, taking into account quality of both natural and electrical/artificial light
- > Visualise how brightness and glare influences a building's ambience and effectiveness
- > Investigate daylight dimming opportunities and quantify energy reductions
- > Produce photo-realistic rendering images based on detailed real-life lighting simulations
- > Analyse combined artificial and natural light-levels for daylight harvesting/dimming control assessments
- > Assess active shading strategies
- > Calculate number of electric light fittings required in a room
- > Fast, straightforward luminaire placement and editing within the 3D VE model
- > Management of manufacturer and custom light fitting databases
- > Import of manufacturer's photometric files
- > To prepare detailed electric light fitting data for use in FlucsPro & RadianceIES analyses
- > Approved for use with DGNB, LEED, BREEAM, and other voluntary rating schemes. Optional specialized tools to assist with the accreditation process
- > Compliant with EN ISO 13790/13791 (software validation as required by EN 15265) and ASHRAE Standard 140.

Module	Description	Standalone Annual License	Standalone Rolling Licence
ModelIT	VE-Pro module for 3D geometry creation, data assignment and import functions	€250	€600
ApacheSim	Fast, accurate dynamic thermal simulation for energy/carbon modelling and much more...	€850	€2000
LightPro	Place and edit luminaires within a room	€80	€200
FlucsPro	Daylight and electric lighting design analysis	€250	€600
RadianceIES	Sophisticated 3D simulation of light levels	€700	€1700
SunCast	Advanced 3D solar analysis for a building and its site; visual, graphical and numerical outputs	€700	€1700
List Price		€2830	€6800
Discounted Offer		€2100	€2400

First Year: Pay for Annual (Rental) license type

Second Year: Transition to Rolling (Permanent) license type. Use your investment from Year 1 rental (€2100) and subtract it from the Rolling (Permanent) License price cost. You essentially get Year 1 for free!

Third Year: Pay the 15% maintenance fee on the list price of the software.

Fourth Year: (and every year thereafter): Pay the 15% maintenance fee on the list price of the software.

For a 10% fee, you purchase your software with quarterly payments.

Year 1 Rental = €2100

Year 2 Price = €2400

*Special offer to rent before you buy!



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