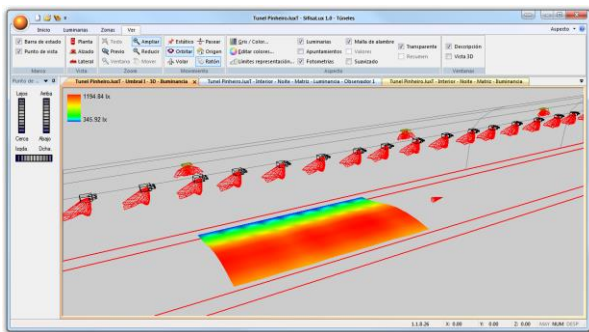


Description

The experience of over twenty years in the development of computational and simulation tools in the fields of optics and lighting have led us to achieve one of the most powerful programs on the market for tunnel lighting calculation.

Of input from customers and users has been born a software tailored to their actual needs and evolving.



Key benefits

- Supports IES, CIBSE TM14, Eulumdat and Phillum photometric file formats.
- Can be defined, on the same project, up to 10 different stage configurations.
- Currently available in Spanish, English, French and Portuguese.
- You can compute the interreflections between surfaces of the tunnel.
- Continuous updates, adding new features.

Characteristics

SifisaLux Tunnel allows defining the transverse and longitudinal structure of tunnel.

The first one as a combination of roads, sidewalks, etc. The second one as a union of different sections, usually associated with the illuminations zones (threshold, transition, etc), in which you can define different types of road or reflection factors for surfaces.

As for luminaires, you can import photometric files in major market formats (TM14, Eulumdat, IES or Phillum). Most of the information needed for the calculations is extracted from these files, requiring minimal user input.

There is no limitation on the number of luminaire arrangements that can be created. These are usually defined from an insertion point, one spacing and a number of luminaires to be placed. You can create more complex structures with different spacing each group of lights or even progressive separations.

The number of areas where you want to get results is also unlimited. For each area, you can set the placement of observers to calculate luminance, the number of calculation points and the results and how to represent them.

It is possible to calculate illuminance, luminance, hemispherical and semi-cylindrical illuminations. The results are shown in matrix format, as isolines, in grey levels or in 3D.

Is is also possible to obtain results for the tunnel walls and even have the contribution of reflections from different surfaces into account.

Finally, in addition to printing the results screens individually, can generate a full report with results, luminaires characteristics and placements.

Requirements

Processor:

- Pentium 4 or higher.

RAM memory:

- 1 GB or more.

Graphics:

- Graphics card with OpenGL support.

Minimum resolution:

- 1024 x 768.

Operating system:

- Windows XP.
- Windows Vista.
- Windows 7.
- Windows 8.

Contact

For further information, see prices, special versions, etc., contact:

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Specifications are subject to change without notice.

