**Ulysse 3.5.2 release notes**

April 2020

* New: Ulysse 3 now available in 32 bits and 64 bits
* New: French Mode: Compliance with French environmental law, dedicated report
* New: [Road lighting - Dynamic Cross-Section] Maximum illuminance on road element
* New: [Road lighting] Veiling luminance values
* New: [Road lighting] Coefficient of operation for De (according to EN 13201-5:2015)
* New: Composite to Single
* Improvement: interface for lists of luminaires
* Improvement: improved with 1 decimal
* New: [Tunnel module] Export of ATS configuration files updated to version 2.00
* New: [Tunnel module] Inter-reflections in Solution Finder
* New: [Tunnel module] Improvement of zoom in top view
* Fix: [Tunnel module] Correction of k coefficient calculation in L20 tool
* Fix: [Tunnel module] Issue with exit lighting zone length override

**Release notes history**

**Ulysse 3.4.8 release notes**

April 2019

* Fix: Tunnel module license error
* New: Longitudinal shift in Dynamic Cross-Section ("Follower extended" element)
* New: Description of constraints criteria in Footpath element
* Change: Dimming enabled in Dynamic Cross-Section
* Fix: Error when generating report
* Fix: Hard shoulder creation
* Fix: Road with central part and non-symmetric arrangements
* Fix: Issue with lower current
* Fix: TI with Flux Settings
* Fix: Virtual Lighting Studio warning message
* Fix: Issue with Copy to project from Solution Finder
* Fix: CAD export

**Ulysse 3.4.7 release notes**

March 2019

* New: Flux Settings and dimming info builder (remark: not available in Tunnel Module)
* New: Enhanced filters in Solution Finder
* New: Footpaths in Solution Finder and Standard module
* New: TI based on Lambert luminance for P and C classes
* Fix: Issues with Report generation
* Fix: Issues with constraints on TI
* Fix: Report - Save issue
* Fix: Save to PDF / Docx issue
* Fix: Road with central reservation and unilateral fixture arrangement (arrangement disabled)
* Update of CAD module
* Tunnel module: Improvement of calculation of interreflections with grids base and reinforcement
* Tunnel Module: Import luminaire positions based on Excel file
* Tunnel Module: ATS 3.1 (file v 2.0)

**Ulysse 3.4.6 release notes**

April 2018

Ulysse 3 - All modules

* Bugs fixes: “Save as” and “Report”

**Ulysse 3.4.5 release notes**

March 2018

Ulysse 3 - All modules

* Compatibility with Autocad 2018 (Import and export of DWG and DXF files)
* Power of luminaires with one decimal place

 Ulysse 3 - Tunnel module

* Support of CETU grids (#pts longitudinally, IL on wall, Ut0, WCIR) for Tunnel Solution Finder and Tunnel Project
* Custom luminance curve can be imported (CIE and CETU)
* New luminaires objects "Custom" and “Custom +” for entrance reinforcement and exit - follow custom curve
* Standard CIE Curve can be exported
* LTh wizard: custom value of k can be used [0...1], up to 3 decimals
* Improvement of XLS export: Wattage, MF, luminaires orientation (color)
* Export results in XLS for all lighting stages
* Extension: negative values now allowed
* Default R-Table can be set in option
* Default global MF can be set in option
* Enhancement of result 2D (shading): visual aspects and rendering speed
* CAD export: luminaires blocks created (by default) with name of luminaires
* Bug fix: CAD export with single lane level
* Bug fix: extension of Exit luminaires
* Bug fix: current date used on report instead of creation date
* Bug fix: tunnels shorter than 10m

**Ulysse 3.4.2 release notes**

March 2017

New Features

* [Road & Tunnel] Supports up to 12 lanes per element
* [Tunnel] Support of ATS 3.0.1

Fixes of bugs

* Luminaire properties update bug fixed (update of VDraw component)
* [Road] Better handling of decimal places for EIR/SR
* [Road IES] Number of points on walls lengthwise (spacing 5m max)
* [Road CEN 2015] Calculation points for illuminance (all elements except « SegmentSingleLaneLevel »)
* Various bug fixes

**NOTE: When updating from previous version**

* Uninstall « VectorDraw FileConverter 4 Evaluation » first, before installing Ulysse 3.4.2

**NOTE: Access to Tunnel module**

* The access to the Tunnel module is restricted by the use of an access license delivered by R‑Tech. Please refer to the documentation, or contact the Schréder technical support.
* You will need to register again the access to the Tunnel module (the same key as can be simply re‑typed)

**Ulysse 3.4.1 release notes**

November 2016

Improvements and bug fixes:

* Main : Remove configuration generate errors (fixed)
* Main : Rules in CAD view locked (fixed)
* Main : Grid in Result view with multiple exclusions not shown (fixed)
* Tunnel : Inconsistent azimuth variation when Segment slave changed to master
* Tunnel : Grid fixed count X = 10
* Tunnel : Dialog header updated

**Important note** **(access to Tunnel module):**

You will need to register again the access to the Tunnel module (the same key as before can be used)

**Ulysse 3.4 release notes**

November 2016

Ulysse 3.4 contains the first release of the new Tunnel module (CIE 88):

* Tunnel solution finder
* Tunnel design
* Various integrated design tools

**Ulysse 3.3.2 release notes**

September 2016

This new version 3.3.2 includes several improvements and numerous bug fixes:

* New distance measure tool
* Database selector redesigned for lower screen resolutions
* Sports lighting enhancements and bugs fixed (symmetrical fixtures…)
* Major corrections for calculation of inter-reflections
* Dynamic cross-section display bugs fixed
* Calculation Report fix (could not be generated on some computer configurations)
* AGI32 converter corrections for staggered spacing
* Luminaires database update: September 2016

**Ulysse 3.3.1 release notes**

April 2016

Here is a list of bugs corrected in the new Ulysse 3.3.1 release:

* Report non-generated when an “Observer Free” was defined
* Fixtures dimensions are now automatically imported from the database
* CRC is now displayed in the results
* The copy of a class copies also the type of class (CEN, CIE...)
* Transversal uniformity (Ut) calculated in the Dynamic Cross Section Solution Finder
* Ut link in the class definition improved
* Display of the isocurves in the CAD results
* Background icon checked by default in the results
* Problem when opening a file directly from the file explorer
* Fix on the MaxLvRatio node in the results
* Improvement of the 2D results view (display, zoom…)
* Fixture selector from database improved
* Checkboxes for the report generation fixed
* Problem for the display of the gradient in CAD results
* Translation fixes
* Composite fixtures in report didn’t appeared correctly
* Fix of a problem with the rotation of XZ grids
* Generation of the staggered rear in the DCS fixed
* Problem with the EP calculation in when a staggered rear was defined in DCSSF