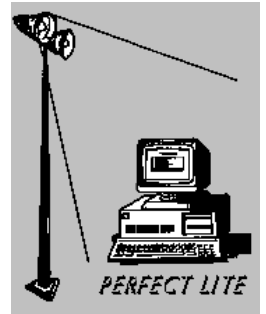


# IESNA to CIE/SAASTAN - Update History

Following is a brief list of all the changes that have taken place over the years in the Perfect Lite for Windows - IES to CIE/SAASTAN Conversion software.



## Plel2C

### VERSION 3.09 (Released – April 2012)

- Minor internal changes to the software to enhance performance
- Creates a pseudo CIE formatted file (.cieX) without rounding of intensity values to whole numbers

### VERSION 3.08 (Released – December 2011)

- Check for i-table 90 degrees dis-orientation moved to also trap in B-Beta (TYPE B) files
- Buttons/Input fields 'disabled' during reading & saving files
- Information message shown on screen when reading input files (relevant more for large files)
- File selection screen fields widened for long folder/file names
- 'Contents' selection replaced by 'User Guide' & 'Update History' on Help menu

### VERSION 3.07 (Released – October 2011)

- Checks Read/Write access is available to the Application Path
- DF\$(2) filename updated to reflect correct warning message

### VERSION 3.06 (Released – September 2010)

- Checks i-table to see if dis-orientated by 90 degrees & warns if so
- 'MAXAH' increased from 500 to 730 (to cover all possible cases for LEDs)
- 'MAXAV' reduced from 500 to 370 (to cover all possible cases for LEDs)
- '.txt' file added in Vers 3.04 now deleted
- For Assymetrical fittings - allows output as Symmetrical if required
- Compatible with the Windows 7 operating system

### VERSION 3.05 (Released – October 2009)

- 'MAXAH' & 'MAXAV' increased from 150 to 500 (to cover possible cases for LEDs)

### VERSION 3.04 (Released – February 2008)

- All Label lines saved to .txt file for use in converting back to IES if needed
- Processes file correctly when value of 'ALPL' is negative (ie. absolute photometry)

### VERSION 3.03 (Released – May 2007)

- Gives an error message if file has H angles ranging from 90° to 270°
- Name of DF\$(2) now changed for each new version (deleting previous file/s)

### VERSION 3.02 (Released – April 2006)

- Value of 'MAXAH' increased from 60 to 150

### VERSION 3.01 (Released – March 2006)

- Allows for '.' to be part of the filename (Thorn files)
- Fixed bug where negative values appeared in CIE file for C=90 & G above 90 degrees

### VERSION 3.00 (Released – January 2006)

- Converted to a 32bit Windows Application
- Allows for correct orientation of angles for 1986, 1995 & 2002 versions of LM-63
- No. of error messages and validations increased
- Tab characters (if found) in IES file replaced with Spaces
- Able to select one file by double clicking on it in 'Multifile' selection window
- In current session - will remember new Path where subsequent files are to be saved
- Message added to warn user after software has been installed for one year eg. check for an upgrade
- Windows Help file added
- Intensity at G=0 set to '1' if '0'
- Copyright notice added to 'About' menu selection

- Now saves file in same folder where it came from

**VERSION 2.20** (Released – March 2004)

- MAXAV increased from 100 to 181
- MAXAH decreased from 100 to 60

**VERSION 2.10** (Released – October 1992)

- NON Intel co-processor problem fixed

**VERSION 2.00** (Released – May 1991)

- Correction to interpretation of IES angle system

**VERSION 1.0** (Released - September 1990)

- Original issue as a 16bit DOS application