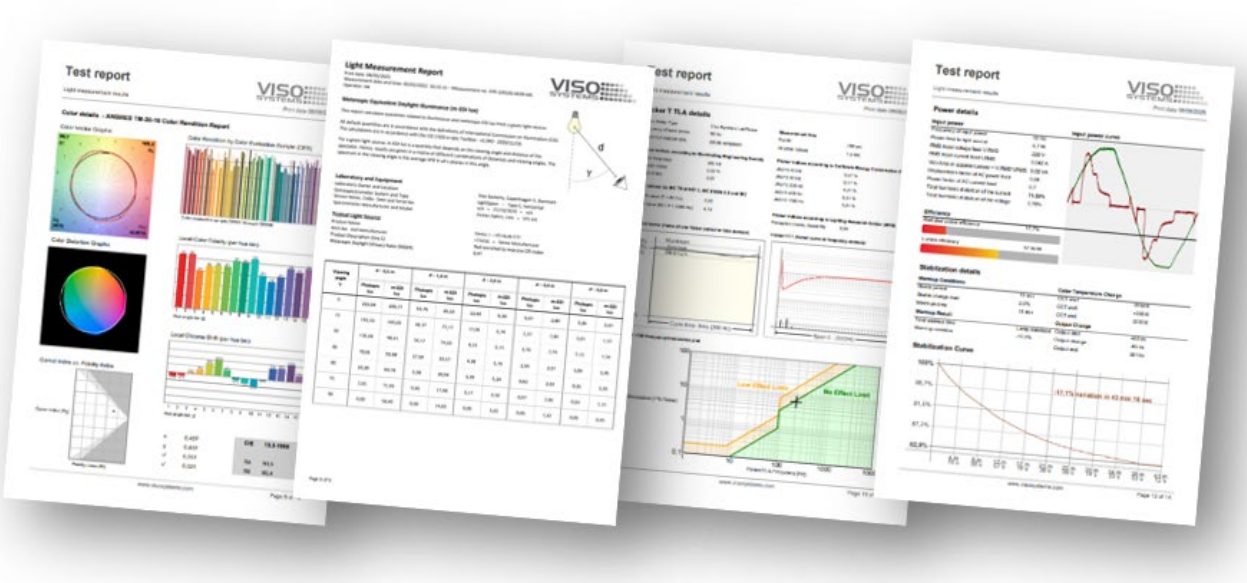
VISO SYSTEMS

Viso Report Designer

User Manual

Revision: 2026 SEP 18



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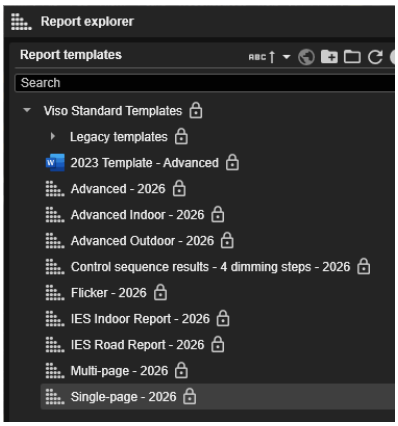
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1. Introduction

Once you have made a light measurement with a Viso measurement system you can use Light Inspector to generate a variety of PDF reports. The system contains both standard reports and customizable reports.

1.1. Standard PDF report designs

When you install Viso Light Inspector software, a variety of different PDF templates are available:



The included reports are all locked in the sense, that you can use them straight ahead for making reports, but you cannot overwrite them.

If you want to change or add something, just click the edit button, and you will be prompted to rename.

- **.vrep – edit in Viso Report Designer**
  These are customizable standard reports that you can make your own version of. These reports will work even if you do not have Microsoft Office installed. These are reports that you can use as they are or change them as you wish with the built in Viso vrep editor
- **. docx or .rtf – edit in Microsoft Word**
  These are reports that you can use as they are or change them as you wish with Microsoft Word.
- If you have used a Viso system for many years, you will find replacements for the former “FIXED” reports in the “Lagacy template folder”.

1.2. Your PDF report design

Viso Light Inspector makes it possible for you to make your PDF reports look exactly how you want:

- Your own language, logo, fonts and corporate visual identity
- Your own selection of data and graphics

- Your own content: Photos, illustrations, special calculations and graphs via embedded spreadsheets.
- Your own templates, e.g.,
  - IES style reports



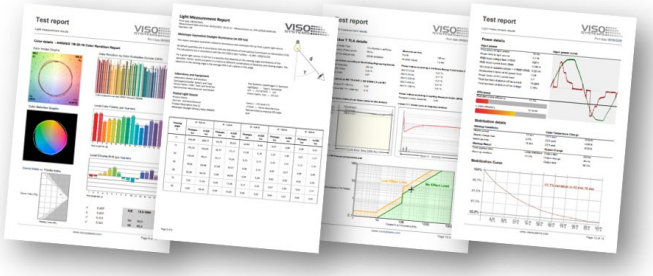
  - a one-pager for your website



  - an extensive report for R&D purposes



  - special reports for TM30-18, Medi-Lux, Flicker, Power etc.



  - a report especially for indoor luminaires with UGR table etc.

- a report especially for outdoor luminaires BUG rating etc.

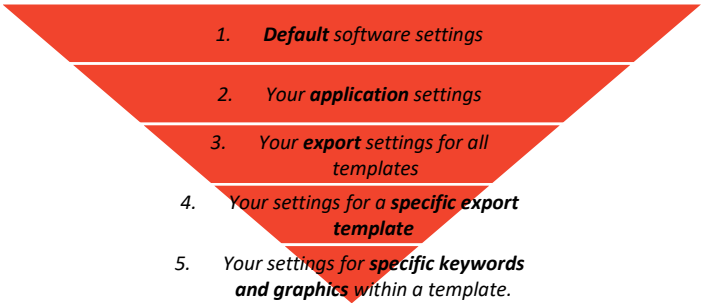
In short – the Viso PDF generator is the most versatile light measurement reporting tool available, and we hope that you will make use of the capabilities – maybe in close cooperation with your marketing department.

In this way, your professional light measurement results can hopefully get a reach that goes far beyond the lab.

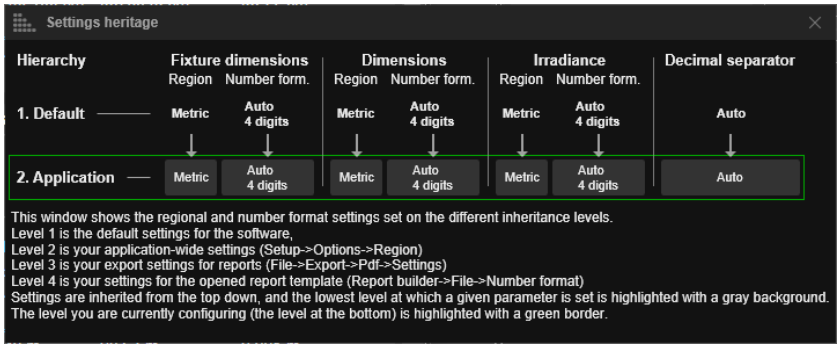
2. Settings

2.1. Units and regional settings

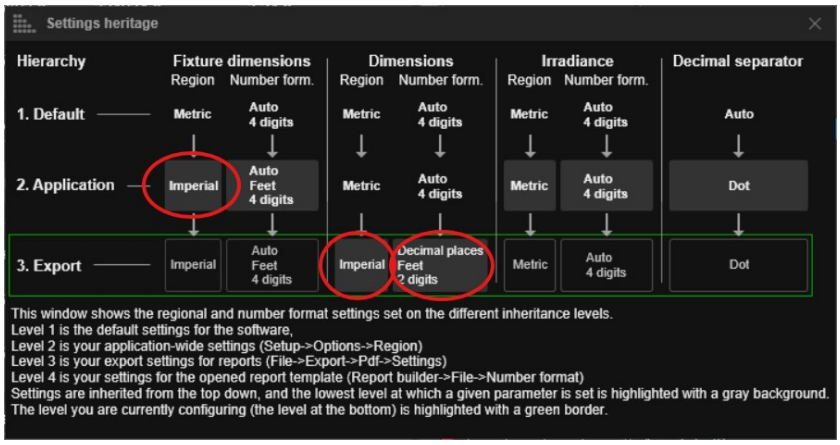
Regional settings are important for choice of photometric/radiometric and dimension units and for decimal separators. Settings are generally inherited down through this hierarchy – meaning that you can override on every level except the top/default level:



The hierarchy is further explained in this window that you will find in



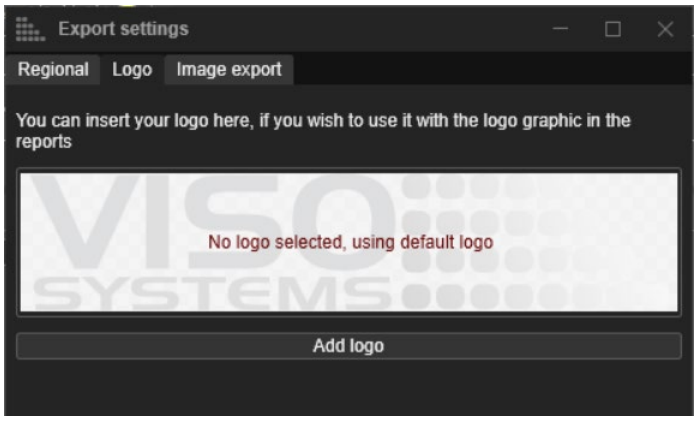
If you make changes you will be able to track them here until level 4 (in example, non-standard settings are applied in level 2 and 3.):



2.2. Changing the logo

Per default, all report templates carry a Viso logo.

These logos are all placeholders that can be automatically replaced with your own logo. Add your own logo as an image file (.jpg, .png, .svg or PDF).



Once loaded, the window will look like this:

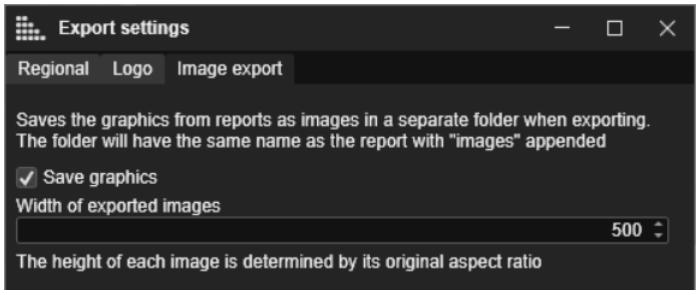


You can now also remove the logo (automatically going back to the default Viso logo) or replace with another logo (“change logo”).

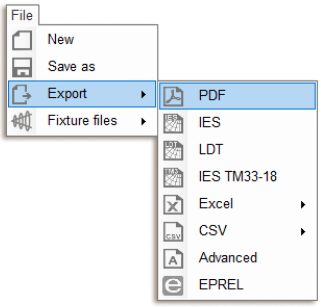
2.3. Image export

All graphics in your reports can be exported as separate .png files whenever you run the run the template. Such bit maps could be used in e.g. your own product datasheets or on your website.

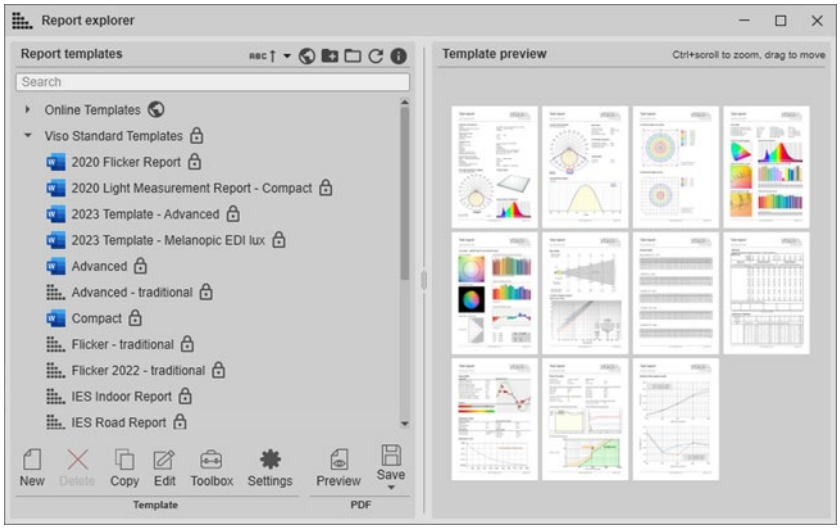
If you want this to happen every time, tick the “Save graphics” and pick a resolution.



3. Using templates to make PDF reports



Once you have made a Light measurement, click on *File → Export → PDF.*



In this window, you will see a browser that allows you to select a PDF report template. A set demo templates are part of your software installation.

The explorer allows you to organize your reports in folders for an easy overview, if you have many templates. In a future release, we will enable the “Online Templates” feature, which will allow you to download templates directly from our servers for many lighting applications, giving you great looking reports out of the box, and a solid foundation for you to build your own reports on.

You can also select multiple templates and folders (ctrl + click to select multiple, or shift + click to select range) to export more than one report at once.

You can also select multiple measurements in the main window, to export all the selected templates for all selected measurements. This will create folders with the names of the measurements with all your selected reports in them.

To generate a report, simply pick a template and click Preview or Save.

3.1. The toolbar

Advice

It is possible to have several templates open at the same time and copy content from one to another

Template tools	
	Create a new PDF template from scratch. Read more in *section 0, Getting started making your own customized PDF report template* designs.
	Use this button to delete a template.
	Use this button to copy a template (save a copy under a new name)
	Use this button to edit an existing template. It is possible to have several templates open at the same time and copy content from one to another (works if templates are opened from Light Inspector).
	Use this button to open the PDF toolbox – read more in section 0.
	See section 2, Settings: Click this button to • Change regional settings • Add a standard logo to your reports (will be effective when using the “Logo” image from the toolbox). • Automate exporting all generated graphics into a special folder for each PDF file. This is useful if the graphics are to be used e.g., in marketing materials or on a website.
PDF tools	
	Use this tool to preview your PDF report
	Use this tool to save your PDF report. Will also open the PDF file.
Template browser tools	
	Sorting tool
	Online template (access to Viso online template will be added later).
	Add a folder
	Open the Report Templates folder in MS File Explorer
	Refresh the window contents
	General information about the new template browser.

4. Making your own customized PDF report template designs

You can use the built-in templates as they are or change them to fit your purposes and save them under a new name.

You can also create a new template from scratch and use the elements in the toolbox to populate your special template with your selection of content.

The small template logos indicate compatible types:

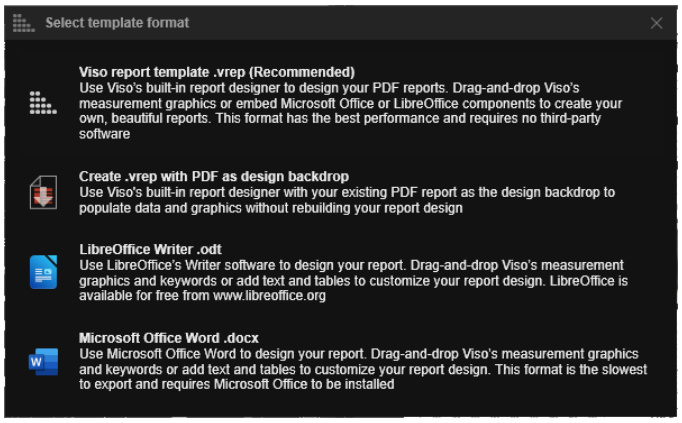
	VREP format (extension .vrep)	No requirements
	Rich text format (extension .rtf) or MS Word format (extension .docx)	Requires Microsoft Office installation
	Open Document/Libre Office document (extension .odt)	Requires a Libre Office installation

It is recommended to use the VREP format, as this format works much faster than the other two, that requires office software to open in the background).

It is also possible to export to a predesigned PDF report background, where Light Inspector just “fills in” specific plots and data. This particularly interesting if you want to reuse data sheet designs or have datasheet designs from other software:

	VREP format with PDF background design	No requirements

When you click “New”, you get to choose between the following formats:



Pick any of the above and click ‘ok’, then save under a new name and/or a new folder.

4.1. Saving templates

When saving a template generated within Viso software, it is automatically saved in a subfolder of your standard measurements folder. The default folder is:

C:\Users\'YourUserName'\Documents\Viso Systems\Light Inspector\Report Templates

Look in *Setup → Options → Tab: Basic* to see what your current setting is.

Within the *Report Templates* folder there is just one subfolder when you start using the system: The Standard Templates folder. You can make more folders if you wish.

If your standard measurements folder is a shared folder, your PDF templates are automatically shared too.

If you receive other templates from Viso Systems, save them in the above structure to make them available.

5. About keywords and graphics

You may write reports in any language and add your own design elements, logo, colors, fonts, page formats etc.

In general, your specific measurements data will be extracted from your measurement results and presented in reports by means of:

- **{KEYWORDS}** – special code in “curly” brackets = braces, and
- **Standard graphical elements**. While you are designing your template, these elements contain “placeholder” graphics. When you use the template to generate actual reports, the graphics will be replaced with your results as vector graphics. All graphics can be resized while remaining crisp and clear.

Your own selection of both types can be placed anywhere in a report and can be combined with your own texts in any language.

This makes designing your own reports super flexible. There are more than 200 keywords, and 60 standard graphical elements exist in the ***Template toolbox***.

Use the search field to find the specific keywords that you need.

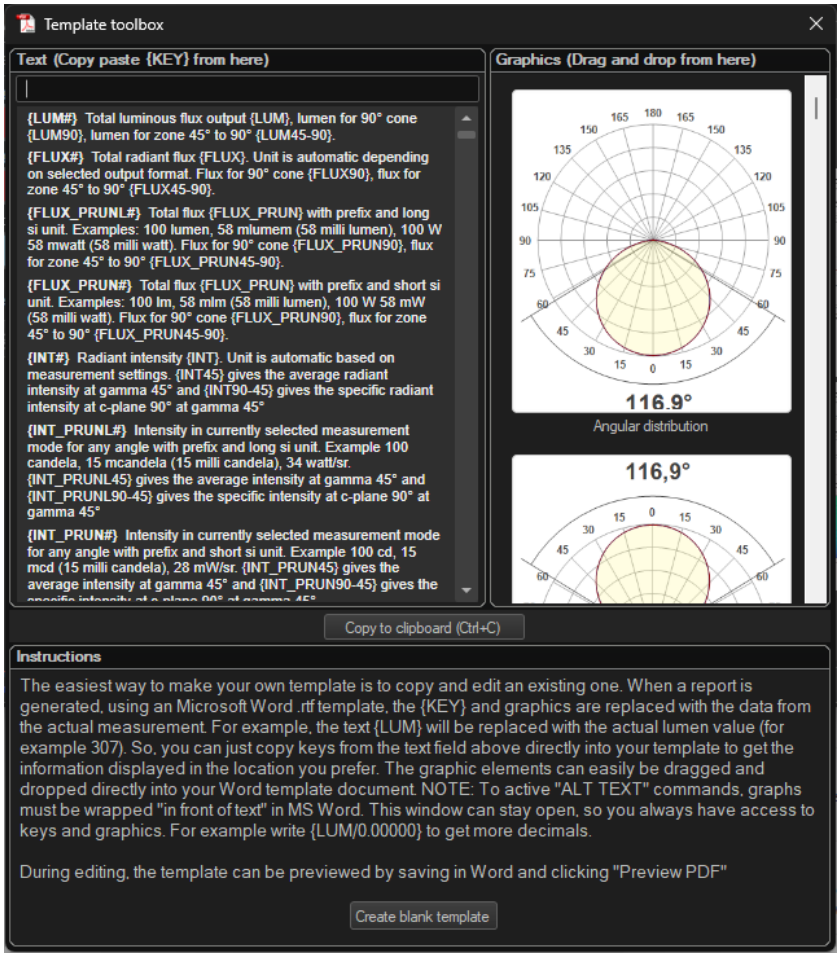
Tip

Keywords can extract data without or with units. All units setting are available when you right-click on the keyword and pick “Properties”.

Tip

Customize graphics, as e.g. the mounting height in an iso-lux diagram.

Right-click on the diagram and pick “Properties”.

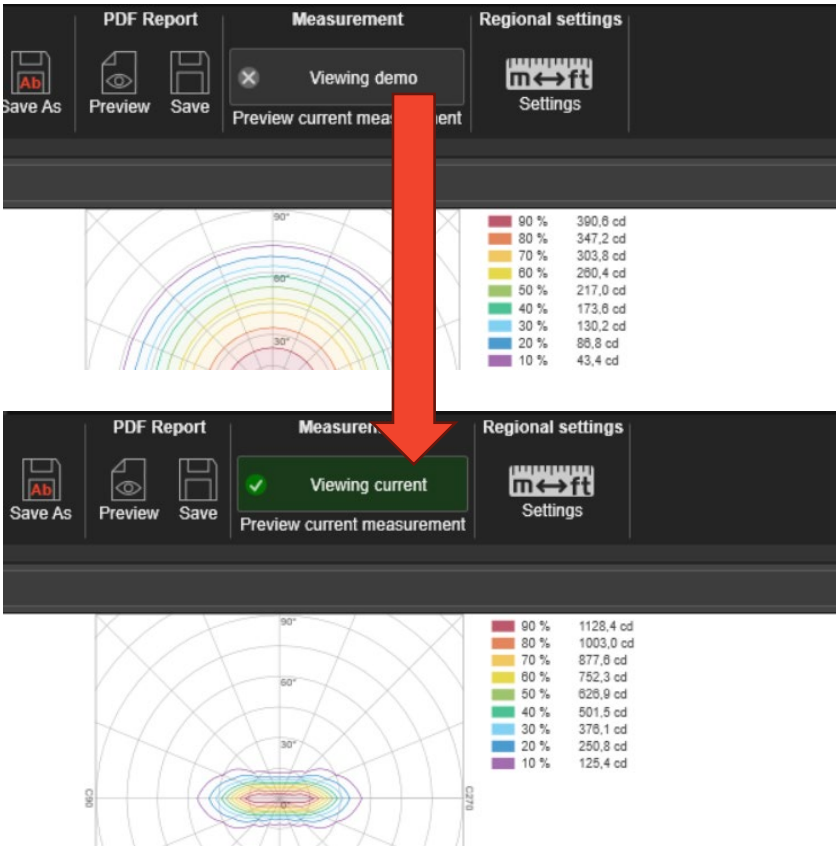


Missing a keyword? Contact Viso Systems on *info@visosystems.com*, or calculate your special results or checks automatically within the report, see *page 21, Using tables for small calculations*

5.1. Using demo data while editing a template

You will notice that many keywords are replaced with demo data while the VREP editor is running so that you can verify that the data extraction, calculations, number of decimals, etc., are functioning properly.

It is also possible to use the open measurement as input, when building a template. Click “viewing demo”:



5.2. Attributes to keywords

Some keywords are flexible in the sense that certain attributes can be added to specify the functionality. The possible attributes are normally specified in the toolbox.

Example {LUM#}

- Use **{LUM}** (without the #) to get the overall lumen package of the light source
- Use **{LUM90]** to get the lumen package in a 90-degree cone
- Use **{LUM45-90}** to the lumen package in a zone between the 45-to-90-degree cones.

- Decimals:
  In .rft, and .dox templates, use **{LUM/0.0000}** to get the overall lumen package of the light source with four decimals
  In VREP use “properties”

Examples {CIEx#}

- Use **{CIEx}** to get the CIE x coordinate pertaining to the overall integrated spectrum
- Use **{CIEx45-15}** to the CIE x coordinate pertaining to a specific measurement angle – here C-plane 45, gamma angle 15.

Example {CONRES#}

- Use **{CONRES-Intensity-2-4}** to get the intensity in candela in a specific control setting (Cell 2,4 in the control matrix).
- Use **{CONRES-Intensity-2-4 @W/sr**} to get the same result but in unit W/sr instead of cd.

5.3. Attributes to graphics

Some graphics allow you to make small or extensive customizations, such as scaling and rotation of isolux diagrams, choice of units, colors etc.

In VREP: The method is working with “properties”

In .rtf/.docx: The method is adding certain keywords to specify the desired behavior through Alt Text.

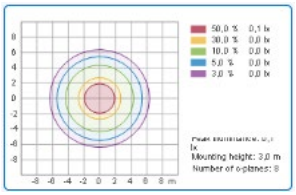
Changing graphics in VREP

The possible keyword attributes are normally specified in the toolbox when you click on the graphical element. Examples:

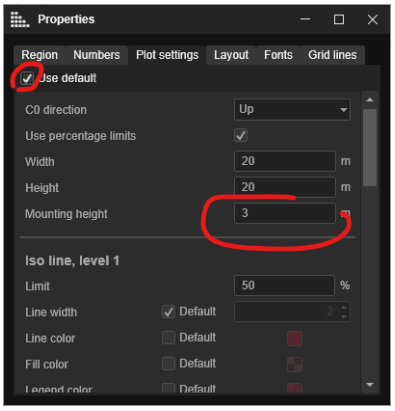
- The Iso-Illuminance plot can be customized in several ways, such as mounting height, plot dimensions and plot isolux curves.
- Angular distribution plots normally just show two sets of curves: Plane C0-C180 in red and Plane C90-C270 in blue. Adding the keyword SHOWPEAKPLANE adds a third, green curve to the plot: The plane in which the peak intensity occurs. This is especially applicable in streetlighting.

Example – using VREP editor:
Changing the mounting height in an Isolux diagram

- Insert the diagram, e.g. an Isolux diagram
- Right-click on the diagram, and pick “properties”

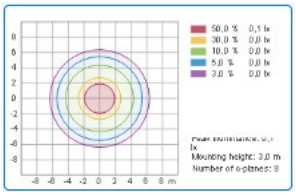


- Deselect “Use default”, and find mounting height in the settings



- Change to the desired height.

Example – using Microsoft Word:
Changing the mounting height in an Isolux diagram



- Insert the diagram, e.g. an Isolux diagram
- Wrap the graphics “in front of text” (right-click → Wrap Text → In Front of Text)
- Right-click on the diagram and pick View_Alt_Text. Then replace the default text in the frame with {MOUNTHEIGHT10} to change the mounting height from 3 m (default) to 10 m.
- More keywords can be added in the Alt Text in the same way.

Tip:

If you make report templates using Microsoft Word, graphical elements need to be wrapped in front of text” to work.

6. Making reports with Viso Report Designer (VREP)

This powerful tool allows you to fully customize your report design to facilitate your corporate identity and to create your special report templates. This tool also makes it possible to show selected measurement data, that are essential for your type of product.

The Light Inspector is the first software to fully give you the power over your reporting, reducing the workflow as lighting fixture data sheets can go directly from light measurement to the website without the need for marketing post design.

6.1. Two ways

There are two ways to start creating your own customized report.

- Edit one of the preinstalled templates, or
- Create your own from a blank template.

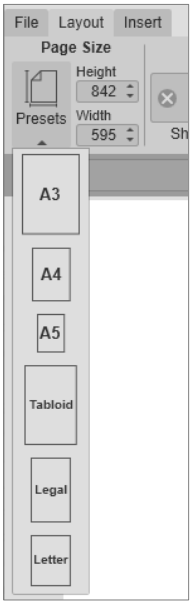
All templates are stored in your preferred measurement folder, usually C:\Users\'UserName'\Documents\Viso Systems\Light Inspector. The folder Is defined in Setup → Options → Tab: Basic.

6.2. Starting from a blank sheet

Building a new custom template

Click 'New' and save your new report under a new name (Default "New Template"). Then your Viso Report Designer opens.

Start by picking a suitable page format: Go to tab: Layout, Click Page Size Presets:

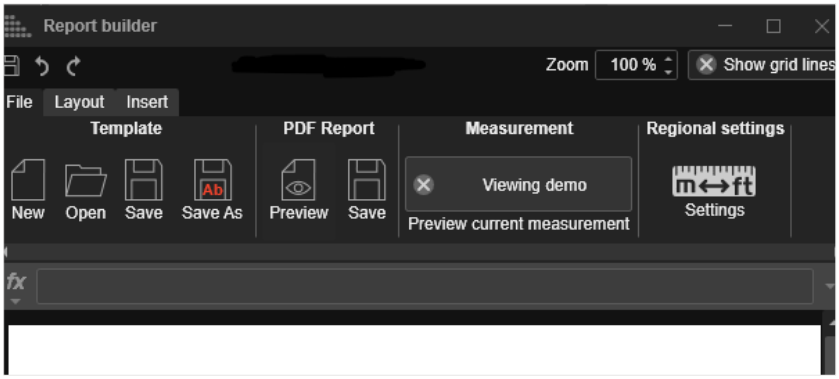


It is also possible to make a custom size by defining the Height and Width manually (unit = points).

Then insert a header and a footer that will fill the tops and bottom of all pages automatically. In tab Layout, click header → Edit:



Then click 'Yes' to insert a default header or no to design your own header/footer from scratch. You will find that Viso Report Designer allows you to do many of the things that you are used to doing in other office products. You will also find that it resembles other layout editors like PowerPoint more than it resembles Microsoft Word.

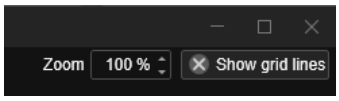


- Gridlines help you to align report elements.
- Text can be added in separate text boxes
- Standard graphics can be added (from the toolbox)
- Standard shapes + your special bitmaps and PDFs can be added
- Tables can be added as separate table elements; however, tables can also work as basic spreadsheets and contain basic functions/calculations.
- You can embed more complicated calculations and special graphics by embedding spreadsheets (LibreOffice or MS Excel).
- Many elements can be formatted in terms of color and edges.

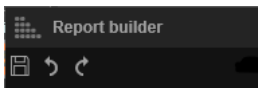
The Viso Report Designer tools

Tip:

Use the Preview often when designing a new template. What you see is not always completely what you get.

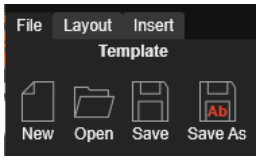


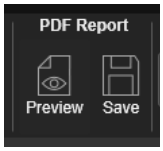
Upper right-hand corner
Use the Zoom button arrow to zoom in or out. Alternatively, use CTRL + mouse scroll wheel
Use the 'Show grid lines' button to turn the grid on/off



Upper left-hand corner
Use the save button to quickly save your changes.

Use the arrow buttons and to undo/redo actions. Alternatively, use CTRL+z to undo most actions.



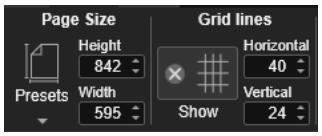


File tab /Report:

- Use New to create a new template
- Use Open to open an existing template
- Use Save to save quickly save your changes to the same file.
  Alternatively, use CTRL+s to save
- Use Save as to save your template under a new name.

File tab /PDF

- Use Preview to open preview your report results in your standard PDF viewer without saving
- Use Save to save and view your result.

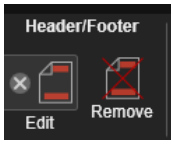


Layout tab/ Page size

- Use the Presets button to choose between 6 standard page sizes (A3, A4, A5, Tabloid, Legal and Letter).
- Make custom page sizes using Height and Width point counters (example, A4 paper size in points is 595 x 842).

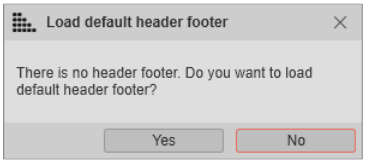
Layout tab/ Grid lines

- Use the Show button to turn the grid on/off
- Use the up-down control to customize the grid

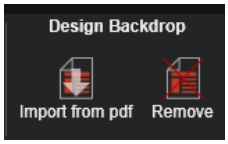


Layout tab/ Header/Footer

- Click the Edit button to change the header/footer. When there is no header, the Designer will ask whether you would like to load a default header/footer:

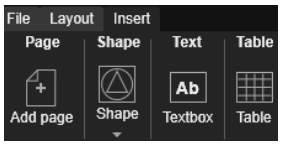


- Click the Remove button to delete the header/footer.



Design Backdrop

If you already have a report design that you want to use it is possible to use VREP just to fill certain data fields or areas that should contain graphics.
Import a “Design backdrop” as a single or multipage PDF. This backdrop will be layered behind the VREP contents much like a watermark would be.



NOTE: All new elements are inserted in the middle of your view. When inserting, a new tab with relevant setting appear.

Insert tab/ Page

- Use the Add page button to insert a page after the one that you are working on

Insert tab/ Shape

- Use the Shape button to insert basic shape (line, rectangle or ellipse). The default insertion point is the upper left-hand corner. Move and scale and reshape with mouse keys.
  Add colored borders and fill. Set aspect ratio as size (in points).

Insert tab/ Text

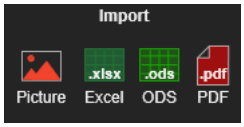
- Use the Textbox button to insert a basic text field. The default insertion point is the upper left-hand corner. Move and scale and reshape with mouse keys.
  Read more in page 19, Text boxes.

Insert tab/ Table

- Use the Table button to insert basic table and configure:

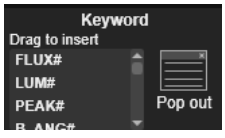


The default insertion point is the upper left-hand corner. Move and scale and reshape with mouse keys.
Read more in page 19, The color picker



Insert tab/ Import

- To insert a picture (photo, graphics, logo etc.), click Picture
- To insert an embedded spreadsheet, click Excel or ODS. Read more in page 25, Inserting spreadsheets as embedded objects.
- To insert a PDF file, click PDF.



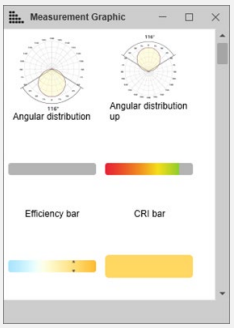
Insert tab/ Keyword

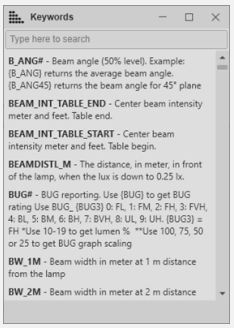
Keywords are special codes that will be replaced with data when you use the template to generate specific measurement reports. Keywords are always in “curly” brackets (braces), like e.g. the keyword **{PWR}** that will extract the power consumption in Watt.

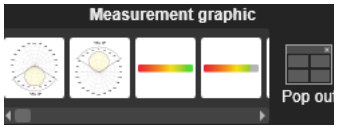
Read more about keywords on page 11, About keywords and graphics.

Tip:

Use the small scroll bar to search or click the Pop out buttons to get an overview and search options:





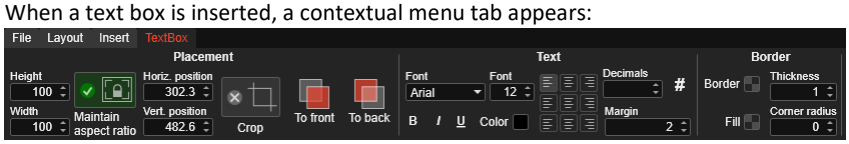


Insert tab/ Measurement graphic
Measurement graphics are standard graphical elements that will represent data when you use the template to generate specific measurement reports.

Read more about keywords on *page 11, About keywords and* graphics.

6.3. Text boxes

When a text box is inserted, a contextual menu tab appears:



In text boxes, you can do many of the things you expect from a text editor (but not all that commercial office software can do).

You can set the position and size of the text box (turn on the grid to facilitate positioning on the page).

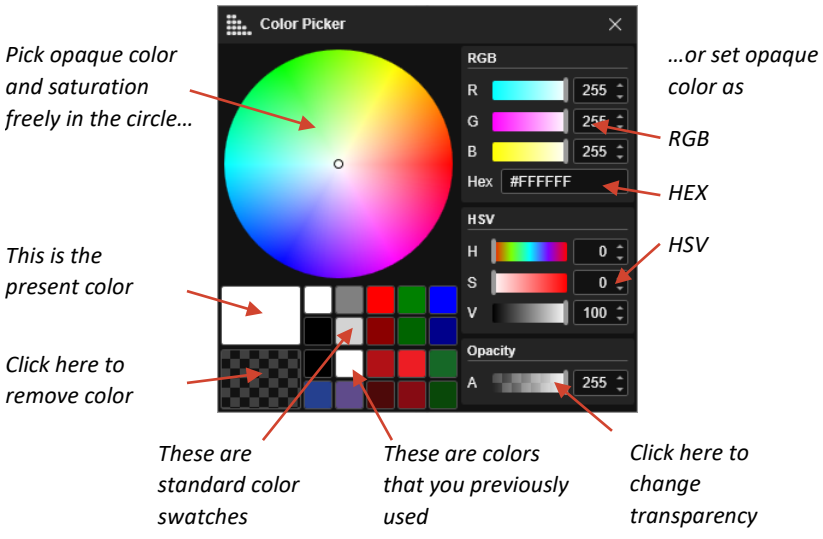
You can use your own selection of fonts, font sizes, colors, accentuations (but just one font/size/color/accent per text box). The same goes for alignments and decimals.

You can add a border and a text box fill. You can add border corner radius, and transparency (but just one setting per text box).

Tip:
Instead of using text boxes with several lines, use tables and table columns to organize information on your page.

6.4. The color picker

The color picker is the same for many functions:



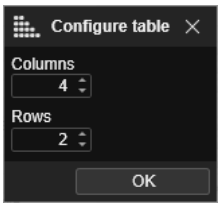
Tip:
You can broadly use your mouse for editing: Starting from an empty space in the report, mark-up an area over the elements that you want to edit. Right-click to get your options.

This also work for table cells.

6.5. Tables

In tables, you can organize text and keywords to form nicely adjusted columns and rows.

Initially, you get to add a specific number of rows and columns:

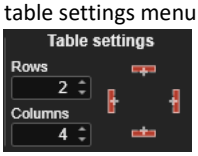


Note: Will be inserted in the middle of your view

To move the whole table: Mouse hover over the table borders until you see this icon: ✣ Click, hold and move.

You can always add or remove rows and columns:

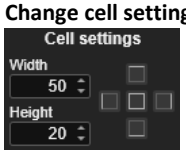
To add a column/row: Click in a cell to mark it. Then either 1) right-click in the cell and pick one of the insert options or 2) use the red insertion direction buttons in the table settings menu:



To remove row(s)/column(s): Use your mouse to mark up the row(s)/column(s) that you want to remove, right-click in the cells and pick the delete option.

To adjust the cell width/height: Mouse hover over the table borders until you see this icon: ⬌ Click, and adjust. Or click in a cell and use table setting menu to adjust.

Change cell settings



Use these tools to change the cell dimensions (affects the whole row and column) and to add or remove borders.

Tip:
You can one apply one border style (color, thickness, etc. to a cell. So e.eg. different top an bottom borders are not an option.

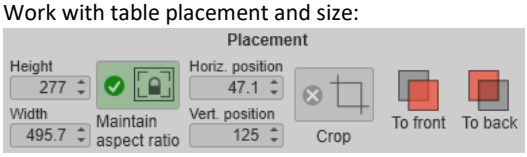
Overlayer another table to make more styling.

Overlayer with a text box, if you want to make text across two cells or more

Formatting tables

- Click inside a call to format this cell specifically
- Click and hold to drag an area covering a group of cells that you want to format. Start in an empty area on the page.
- You can add borders to your cells – but only one border type per cell (in conflicts, the border applied most recently will take precedence).
  Per default, all tables have light grey borders when you insert them. These borders will be visible in your reports unless you actively remove them (make them transparent or white).
- You can add fill (opaque or transparent) to your cells.

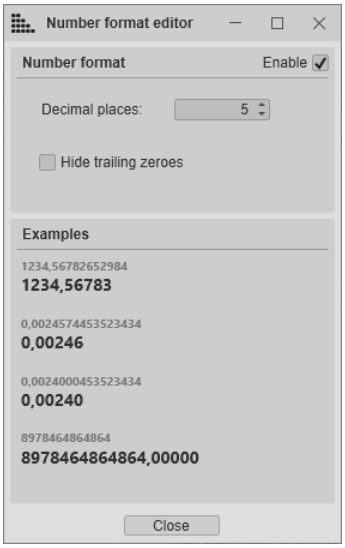
- You can use individual fonts, colors, fort sizes, and alignment in each cell or groups of cells.
- Work with table placement and size:



With the Crop functionality, you can hide intermediate data calculation fields in the final view.

- You can set the quantity of decimals directly in the table menu: 

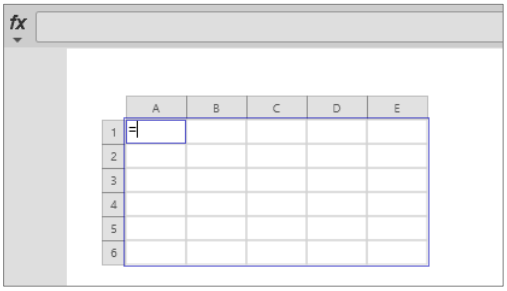
or click ##.## to get more options:



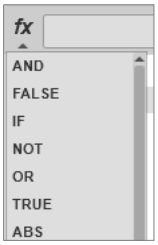
Using tables for small calculations

In VREP, tables are great for organizing text elements, but can also be used for calculations:

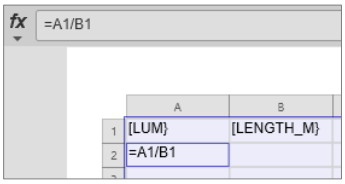
If you type “=” in a cell, the whole table automatically changes to look more like a spreadsheet:



Get an overview of the available functions by click the fx button.

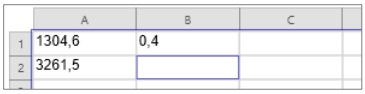


Use {KEYWORDS}, standard operators and functions to create calculated results:



This example calculates the flux value in lumen per meter, which is valuable for LED strips.

You will see demo results (based on an arbitrary measurement file) building on the fly, so that you can check functionality.



Remember that "," is decimal separator, and ";" separates arguments in a function.

You can also use logical expressions, for example to check for compliance:

Examples:

=IF({SDCM}<3;"Compliant";"Non-compliant")
=IF({B_ANG}<50;"Narrow beam";"Wide beam")

Available functions:

Group	Description	Syntax
Logical		
AND	Logical 'and'. Returns TRUE if all of its arguments are TRUE	
OR	Logical 'or', Returns TRUE if any argument is TRUE	
IF	Logical 'if' - Specifies a logical test to perform	=IF(C2="Yes";1,2) In the above example, cell D2 says: *=IF(C2 = Yes; then return a 1; otherwise return a 2)*
NOT	Reverses the logic of its argument	
FALSE	Returns the logical value FALSE	=FALSE()
TRUE	Returns the logical value TRUE	=TRUE()
>, <, >=, <=	Larger than, Less than Larger than or equal to, Less than or equal to	
Text		

Group	Description	Syntax
CHAR	Returns a special character specified by a number from a standard character set as, e.g. ANSI	=CHAR(number) α Greek small letter alfa =CHAR(945) β Greek small letter betas =CHAR(946) γ Greek small letter gamma =CHAR(947) μ Greek small letter mju =CHAR(956) ° Degree sign =CHAR(176)
CONCATENATE	Use CONCATENATE, to join two or more text strings into one string.	Syntax: CONCATENATE(text1; [text2]; ...)
CODE	Returns a numeric that corresponds to the character set used by your computer.	=CODE(text)
LEN	LEN returns the number of characters in a text string	=LEN(text)
FIND	FIND locates one text string within a second text string and return the number of the starting position.	=FIND(find_text; within_text; [start_num])
Numerical		
ABS	Returns the absolute value of a number	=ABS(number)
CEILING	Returns number rounded up, away from zero, to the nearest multiple of significance	=CEILING(number; significance)
FLOOR	The FLOOR function in Excel rounds a specified number down to the nearest specified multiple of significance	=FLOOR(number; significance)
SIGN	Determines the sign of a number. Returns 1 if the number is positive, zero (0) if the number is 0, and -1 if the number is negative	=SIGN(number)
TRUNC	Truncates a number to an integer by removing the fractional part of the number	=TRUNC(number; [num_digits])
INT	Rounds a number down to the nearest integer	= INT(number)
SUM	Adds values	=SUM(number1;[number2];...)
AVERAGE	Returns the average (arithmetic mean) of the arguments	=AVERAGE(number1; [number2]; ...)
AVERAGEA	Calculates the average (arithmetic mean) of the values in the list of arguments.	=AVERAGEA(value1; [value2]; ...)
MIN	Returns the smallest value in a set of values	=MIN(number1; [number2]; ...)
MAX	Returns the largest value in a set of values	=MAX(number1; [number2]; ...)
Information		
COUNT	The COUNT function counts the number of cells that contain numbers, and counts numbers within the list of argument	=COUNT(value1; [value2]; ...)
COUNTA	The COUNTA function counts the number of cells that are not empty in a range	=COUNTA(value1; [value2]; ...)
COUNTBLANK	Counts the number of empty cells in a range of cells	=COUNTBLANK(range)
COUNTIF	Counts the number of cells that meet a criterion	=COUNTIF(Where do you want to look?; What do you want to look for?)

Group	Description	Syntax
		For example: =COUNTIF(A2:A5;"London") =COUNTIF(A2:A5;A4)
Trigonometric (angles are specified in radians)		
COS	Returns the cosine of the given angle.	=COS(number)
COSH	Returns the hyperbolic cosine of a number	=COSH(number)
ACOS	Returns the arccosine, or inverse cosine, of a number. The returned angle is in range 0 (zero) to pi	=ACOS(number)
SIN	Returns the sine of the given angle.	=SIN(number)
SINH	Returns the hyperbolic cosine of a number	=SINH(number)
ASIN	Returns the arcsine, or inverse cosine, of a number. The returned angle is in range 0 (zero) to pi	=ASIN(number)
TAN	Returns the tangent of the given angle	=TAN(number)
TANH	Returns the hyperbolic tangent of a number.	=TANH(number)
ATAN	Returns the arctangent, or inverse tangent, of a number. The returned angle is given in radians in the range -pi/2 to pi/2	=ATAN(number)
ATAN2	Returns the arctangent, or inverse tangent, of the specified x- and y-coordinates. The angle is given in radians between -pi and pi, excluding -pi	=ATAN2(x_num; y_num)
Exponential/logarithmic		
EXP	Returns e raised to the power of number	=EXP(number)
POWER	Returns the result of a number raised to a power	=POWER(number, power)
SQRT	Returns a positive square root	=SQRT(number)
LN	Returns the natural logarithm of a number.	=LN(number)
LOG	Returns the logarithm of a number to the base you specify	=LOG(number, [base])
LOG10	Returns the base-10 logarithm of a number	=LOG10(number)

7. Inserting spreadsheets as embedded objects

In all file types, you can embed excel spreadsheets, work with algorithms and custom graphics.

In this way you can:

- Make large data extractions on separate underlying sheets.
- Work with this data in all of the ways that LibreOffice or Microsoft Excel permits, including specialized graphics and advanced functions.
- Choose what you want to present in the PDF report – only the front sheet of spreadsheet will be visible when embedded in your report template.

Contact Viso Systems info@visosystems.com to get more advice and inspiration.

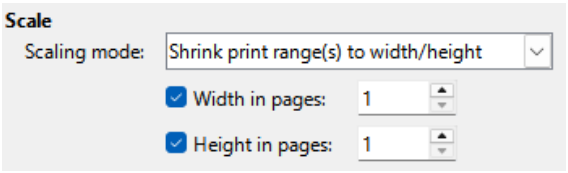
7.1. Some good advice

When embedding spreadsheets (LibreOffice or MS Excel), please observe:

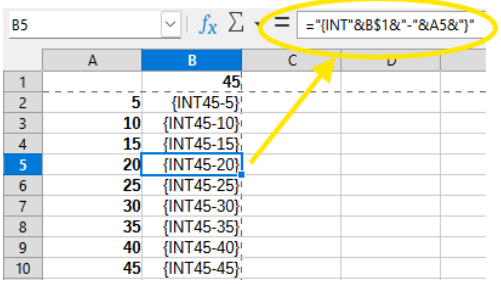
- You define the area shown in your VREP inside the spreadsheet:
  - In **MS Excel**, mark-up the area that you want shown and go to Page Layout → Print area → Set Print Area. Then Set Width and Height to '1 page' instead of 'Automatic':



  - In **LibreOffice Calc**, mark-up the area that you want shown and go to Format → Print ranges → Define. Then Go to Format → Page Style → Sheet. Set Scale to 'Shink print range(s) to width/height' and level width and height to 1 page.



  - When embedded, you can crop off excess edged by right-clicking the embedded sheet and choosing "Crop".
- Making long lists of keywords that contain e.g. measurement angles or wavelengths are easier to make and maintain if you build the keyword with a Concatenate function or with a formula including '&':



8. Inserting photos and other graphics

Images from your measurement file

Images being part of your *.fixture* file (inserted with this function):

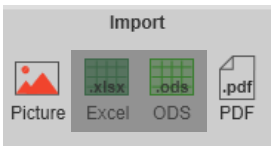


can be entered as a standard graphical element via the Toolbox graphics.
If there is more than one image, they can be called individually:

- Drag-and-drop as many “Product Photo” images from the Toolbox to the .rft file as needed.
- Right-click each image and add alternative through the “Edit Alt Text...” command. Add keyword {PIC1} to the Alt Text of the first image, {PIC2} to the Alt Text of the second image and so on. The general keyword {PIC#}.
- In MS Office: Make sure that that all image wrappings are set to be **in front of the text**

Other pictures

You can insert other fixed images with extensions .jgp, .png or .bmp in your templates. This could for instance be a line drawing of your product.



You can also insert a PDF file.

Such a PDF file could constitute an empty template itself, which you may overlayer with data extracted from your measurements.

9. Other templates

Download PDF report templates (format .rtf) from Viso's website as plug-ins

In https://www.visosystems.com/download-plugins/ you can download Viso plugins for the Light Inspector software.

Plugin features

- Compatible with Viso Light Inspector
- Contains .rtf-files (edit in MS Word)
- Download is free
- Plugin allows you to build your own PDF output templates

Download instructions

- Press the download button for the template you need
- Once the template is downloaded, go to your "Download" folder and double click on the file
- Now, the template will automatically be added to your templates collection in your dedicated measurements folder (usually *C:/Users/'YourUserName'/Documents/Viso Systems/Light Inspector/*). The template is available as a PDF template in the PDF report generator in the Light Inspector software.

Customizing the templates

As with other Viso templates, you may also change all plug-in templates for your own purposes. The templates are all .rtf (rich text format) files that can be altered in MS Word. The templates are organized as sections that you may use separately or collect into your own master templates:

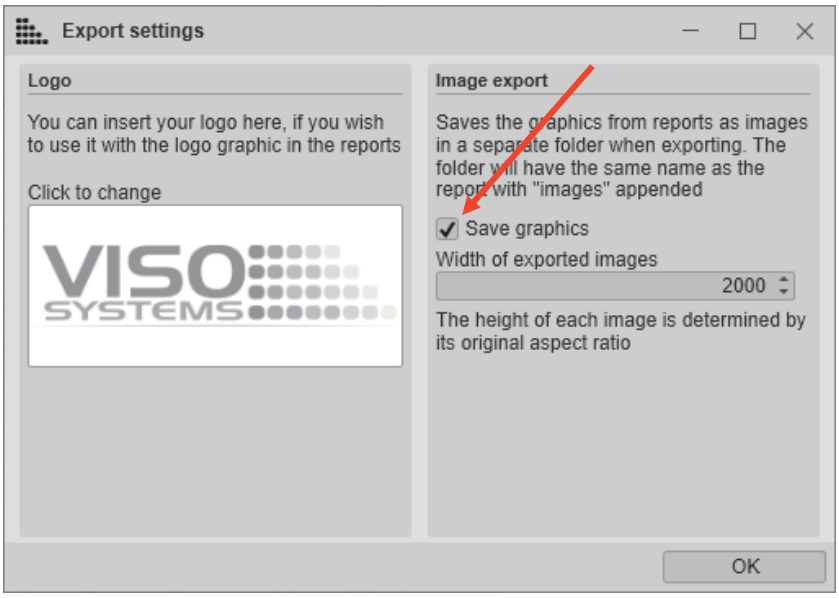
- Open the Main template (contains overall measurement conditions and results)
- Open the template with contents that you want to add. Press Ctrl+A, then Ctrl+C. Now, all contents are copied to your clipboard
- Revert to the Main template. Press Crtl+End, then Ctrl+V. Now the full contents of the other template have been added
- Save the template under a new name in your standard measurements folder (format: .rtf or .docx file).

10. Exporting Several PDF Files at Once

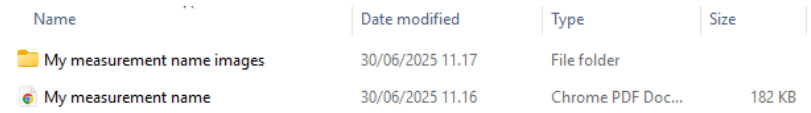
Light Inspector can export several measurement files at once, simply hold CTRL down and select the files you want to export and go to File – Export and choose the format you want. Then click ‘Save PDF’.

11. Exporting standard graphics and PNG files

It is possible to export all standard graphics related to a specific PDF report to separate PNG files.



When you generate the PDF report, the images and your PDF report will be stored in the same location – the images in a new folder, that will have the same name as your PDF report + “images”:



Exporting graphics does not work for “Fixed” report templates.

At Viso Systems we design, develop and manufacture OEM- and customer-specific goniophotometer solutions. Our mission is to support customers with powerful and yet easy to use control measurements solutions. Products are developed and manufactured in Copenhagen, Denmark.

Light measurement made easy