

wysiwyg Release 32 Update

Release Notes, Version 1

Thank you for installing the Release 32 of **wysiwyg**. These release notes provide information about documentation and known issues related specifically to R32.

New sections have been added specifically to address changes made for the Update:

[wysiwyg compatibility with Vivien-Virtual Event Designer](#) , pg. 3

[Updated Library items in wysiwyg R32 Update](#) , pg. 12

[Resolved Issues in wysiwyg R32 Update](#) , pg. 27

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Getting started with wysiwyg R32

To help you get started using **wysiwyg**, various resources are available for your use.

Documentation sources

Documentation sources are available in several locations for your convenience:

- On your Windows computer, click Start > Programs > **CAST Software** > **wysiwyg Release 32** shortcut menu (once **wysiwyg** has been installed)
- All **wysiwyg** documentation is available for download from the CAST web site:
<http://www.cast-soft.com/>

Sources include:

- Reference Guide
- Quick Start Guide
- Quick Start Tutorial
- Release Notes

Sample files

Sample **wysiwyg** files are provided with the installation for you to use as examples or references. There are sample AutoCAD files, report heading files, as well as several files from various disciplines. These files can be found in the \Samples folder where you installed **wysiwyg** (for example, C:\Program Files (x86)\CAST Software\WYSIWYG Release 32\Samples).

Template files

Sample template files are provided with the installation for you to use as desired. There are several basic templates such as plot, studio, and theatre files. These files can be found in the Templates folder where you installed **wysiwyg** (for example, C:\Program Data\CAST Software\WYSIWYG Release 32\Templates).

Useful information

wysiwyg compatibility with Vivien-Virtual Event Designer

Are you a Lighting Designer who manages venue layouts, produces events, or liaises with event planners/designers or service providers?

wysiwyg is compatible with Vivien-Virtual Event Designer, CAST Software's award-winning special events planning and design software tool. You can create your shows in **wysiwyg** and then open the files in Vivien to make use of its automated Wizards for adding event items, such as seating areas, tables, and chairs.

You can use Vivien-Virtual Event Designer to increase your planning efficiency. Vivien is the sales, planning, design, and production tool designed for the meeting and special events industry. LDs can

use it for creating quick concepts to demonstrate their ideas. As **wysiwyg** deals with the stage, Vivien deals with the venue. Both **wysiwyg** and Vivien:

- Feature simplified CAD tools to plot or lay out floor spaces or lighting plans
- Deliver photorealistic renderings of these drawings
- Contain 1000s of library objects designed for the industry
- Share the same reliable, robust base code
- Deliver eye-popping visuals
- Provide wizards for common tasks

Vivien file version compatibility

Due the differing release schedules of Vivien and **wysiwyg**, Vivien 2014 Update 1 is directly compatible with **wysiwyg** R32 Update 1. Therefore, a Vivien 2014 Update file will open in R32 Update, and vice versa. We highly recommend that all users install the **wysiwyg** R32 Update and Vivien 2014 Update for full file compatibility.

Hard drive compatibility

Due to restrictions in file name length, you cannot install **wysiwyg** on a FAT32-formatted hard drive. Instead, you must install the product on an NTFS-formatted hard drive. For details, see <https://www.cast-soft.com/cast/downloads/download-install.php>

Video card compatibility

There are multiple levels of increasing beam simulation offered in **wysiwyg**'s Shaded Views.

- **Minimum Visualization:** The minimum video card requirements to display the default Enhanced Beams must support OpenGL 2.1.
- **Intermediate Visualization:** For higher level graphics offered by the Enhanced Visualization setting, your video card must support OpenGL 3.0.
- **High Performance Visualization:** To obtain the highest graphics level offered by Deferred Rendering with Enhanced Visualization, your video card must support OpenGL 3.3.

Attention: Deferred Rendering is required to run Volumetric Beams. If this option is not available, it means the graphics card on your computer does not support Volumetric Beams.

Dongle compatibility

Your **wysiwyg** dongle membership must be valid at least until December 2013 (or later) to run the R32 software.

New features in wysiwyg R32

In addition to numerous library updates, Release 32 includes the following new features and enhancements. For details on these new features, please see the **wysiwyg** Reference Guide.

New Features and Enhancements

Visualization Features

New Features

➤ **Volumetric Beam mode**

Volumetric Beam mode delivers a higher quality visualization of beams than Enhanced Beam mode. These improvements include: a new beam representation, improved lens flare effects and beam throws. Due to the required system resources needed to run Volumetric beams, system performance may be affected depending on system running **wysiwyg**.

- The following is an example of a scene using Enhanced Beams in Shaded View.



- This is the same scene using the new Volumetric Beams in Shaded View.



➤ Reflections in Shaded Views

This feature is the continuation of the Materials project started in Release 31, now offering real-time reflections in Shaded Views.

The reflective properties of a material can be toggled to enable true reflections in Shaded Views. A new check box has been added in the Properties of an object, in the Appearance Tab at the bottom of the Material section. When enabled, the material will produce a detailed and faithful representation of everything reflected on its surface.

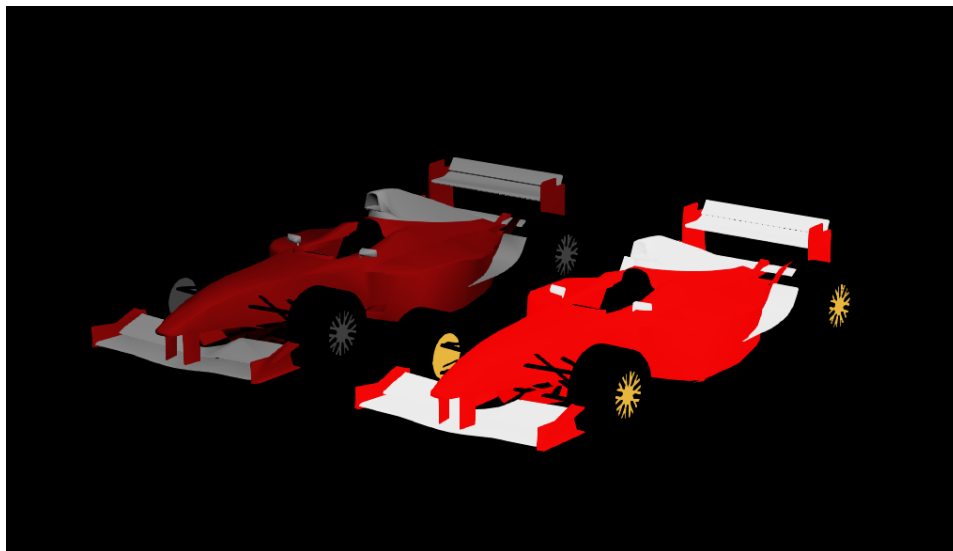
To indicate that an object has the Reflection option on, we've connected this functionality to the Shaded View's Visual References option. These objects will be displayed with a blue bounding box in the Shaded view.

(Note: We have limited the total number of objects that can display reflections to 10 objects only. Choose your reflective objects wisely. Reflections will impact your performance in Shaded Views, so turn off Reflections in your Shaded View settings if they are not necessary).



➤ **Light Emission Enhancements / Per Element Static Light Emission**

The Light Emission tab has been updated to support defining Static Light Emission properties on a per element basis. This means you can define different light emission colors and intensity for different elements of an object or library item. The Dynamic Light Emission (in LIVE Mode via DMX) still applies one color to the entire object, however, the static color of an element will multiply with the dynamic color in LIVE mode. The result is, you can assign different light emitting color properties to different elements of an object, as shown below with the racing car on the right.



CAD Mode

New Features

➤ Rectangle tool

A rectangle primitive object has been added for drawing quadrilateral objects. You can specify the length and width of the rectangle or draw it in Interactive mode. As expected, Rectangles can be converted to lines, pipes and surfaces.

➤ Elliptical arc tool

An elliptical arc primitive object has been added for drawing non-circular arcs. You can specify the horizontal & vertical radii of the ellipse or draw it in Interactive mode. Finally, arcs can be converted to Curved Pipes.

➤ Curved Pipes

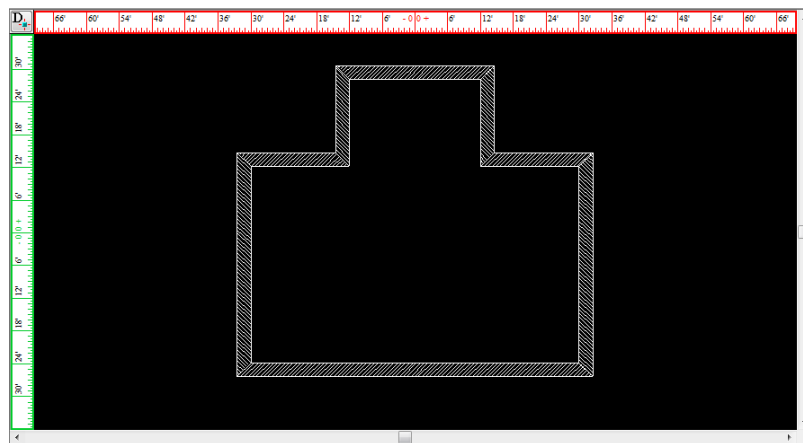
A new type of pipe is available in the Draw menu, Curved Pipes. They can be drawn interactively or specified by providing horizontal and vertical radii. Both arraying fixtures and fixture distribution will work on the new Curved Pipes.

➤ Wall tool

A Wall object has been added to provide a simpler way to create walls for your projects. The Wall object has a thickness parameter which can be specified in the Wall object properties. Also, to look through a Wall, you can set the Front and Back Wall transparency values from the Wall tab in the object properties. And to easily identify a Wall in your drawing, you can turn on hatching lines to appear in the Plan views. Hatching properties can be specified from the New Wall dialog during creation, and are also available on the Wall tab in the object properties.

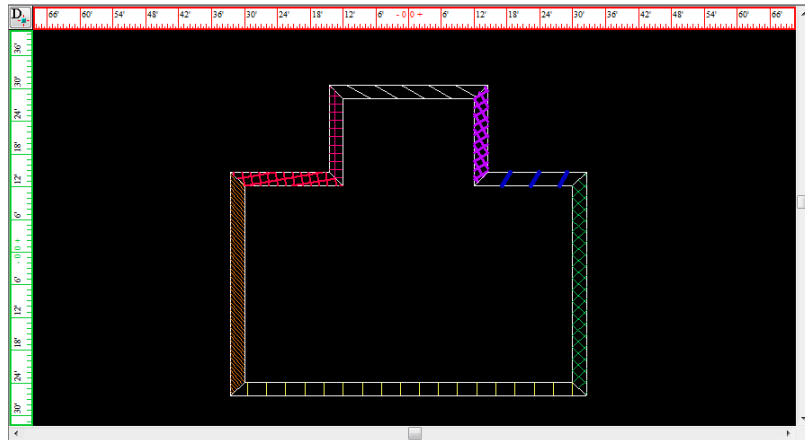
➤ Room Builder tool

The Room Builder tool allows for custom rooms of any shape or size to be drawn in CAD mode. Rooms can be left open or closed. Floors and ceiling can be included to the room automatically if the room is closed. The Room Builder tool produces a room comprised of individual walls and optional surfaces for the floor and ceiling.



➤ **Hatching styles for Walls (and Room Builder tool)**

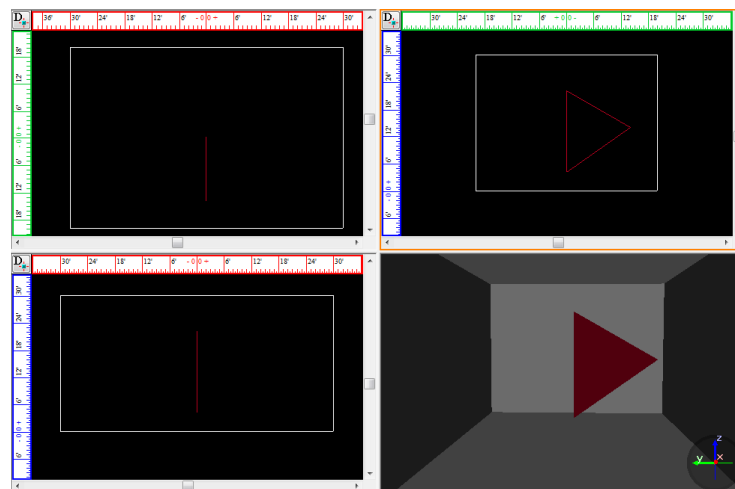
When creating new Walls or building rooms using the Room Builder, you have the ability to customize the hatching styles of these walls. The direction, frequency, thickness and color of hatching styles can be completely customized, allowing for greater variety and visual impact in walls.



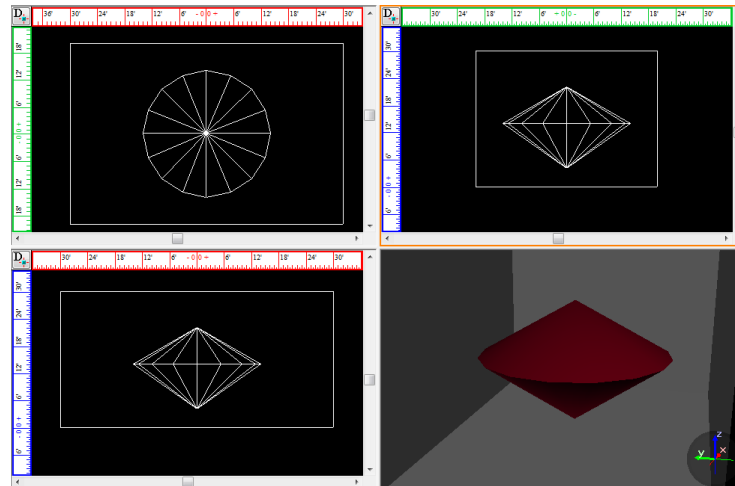
➤ **Revolve tool**

This feature enables the creation of three-dimensional object by revolving a surface along an axis, copying the surface X number of times along the rotation, and filling in the spaces in between to make it solid

- This example shows a simple surface before using the Revolve tool.

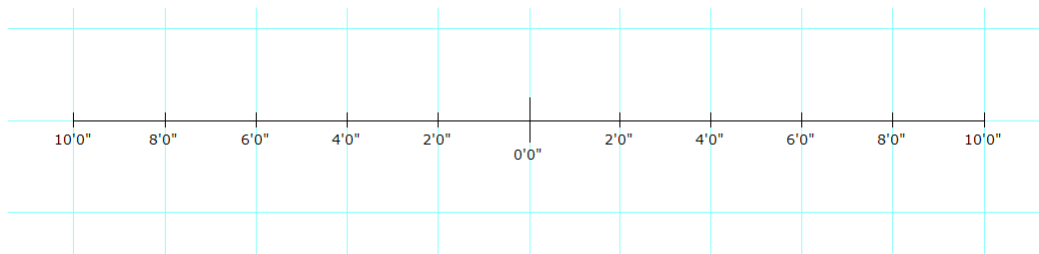


- The example surface is now revolved 360° around the rotation axis.



➤ Linear Scale tool

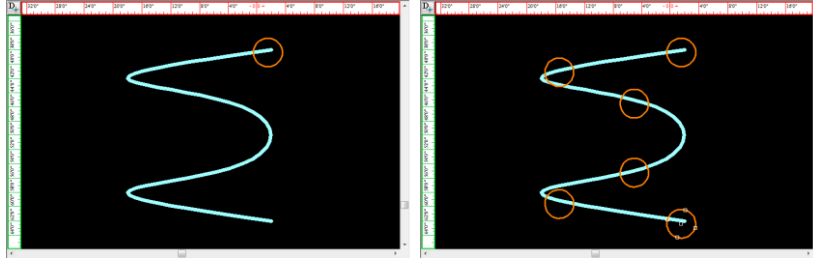
The Linear Scale is a new Dimension tool which inserts a dynamic scale object in your drawings for spatial reference. Using its properties, you can define your preferred intervals, units, and all other settings.



➤ New and Enhanced Array tools

- **Enhanced Linear and Grid Array:** The new design in these Array tools offers an Interval or Total distance option for arraying objects selected.
- **Random Fill:** This feature fills a specified area randomly by arraying the specified object(s) in variable positions.

- **Array along Path:** A new Array along Path feature places objects along a line, spline or arc object.



- **Distribute between two points**
Using this feature, a group of objects can be selected and then distributed in a straight line between two points.
- **Instruction tooltip**
The new Instruction Tooltip displays instructions right beside your cursor, making it simpler to know what you should do next.

Updated Library items in wysiwyg R32 Update

Manufacturer/Name	Correction/Update
MA Lighting	New console profile added, "GrandMA 2".
HighEnd Intellaspot	Improved intensity.
Philips PLPROFILE1	Added Gobo accessories.
Clay Paky Sharpy	Correction made to fixture Timing channel.
Vari*Lite VL1000 Series	Corrections made to the beam brightness for the entire VL1000 series.
Chromlech Jarag Series	Disabled Effects Intensity channel in Pixel modes.

New Library items in wysiwyg R32

Many new library items are available in R32 (156 new Fixtures, 70 new Truss, 58 new Gobos, 11 new bulbs, 77 new library items).

New Automated Fixtures

Manufacturer	Model
Martin Rush	MH1
	MH2
	MH3
Martin	MAC Viper AirFX
	MAC Viper Beam
	MAC Viper Performance
	MAC Viper Quadray
	MAC Viper Wash
	MAC Viper Wash DX
	MAC III Wash
Ayrton	Magic Panel 602
Robe	Robin CycFX
	Robin Cyclone
	Robin DLS Profile
	Robin MMX Blade
	Robin Pointe

Manufacturer	Model
DTS	Raptor
	Raptor FPR
	Delta 10F RGBW
Chauvet	Colorband PIX-M
FineArt	Fine 1500-2 Perf
	Fine 1200-1500 Spot
	Fine 1200-1500 Wash
Terbly	PT320B
	PT160B-R
Prolights	CromoWash 601

New LED Fixtures

Manufacturer	Model
Martin Rush	Par 1 RGBW
	Pin 1 CW
Martin	LC Panel 1140
	LC Panel 2140
Lumenpulse	Lumenbeam Medium
	Lumenbeam Medium White
	Lumenbeam Large
	Lumenbeam Large White
	Lumenbeam LBX
	Lumenbeam LBX White
	Lumenbeam Pendant Medium
	Lumenbeam Pendant Medium White
	Lumenbeam Pendant Large
	Lumenbeam Pendant Large White
	Lumenbeam Pendant Grande
	Lumenbeam Pendant Grande White
	Lumenbeam Pendant LBX
	Lumenbeam Pendant LBX White

Manufacturer	Model
	Lumenfacade 340
	Lumenfacade 340 White
	Lumenfacade 645
	Lumenfacade 645 White
	Lumenfacade 949
	Lumenfacade 949 White
	Lumenfacade 1254
	Lumenfacade 1254 White
Ayrton	Ice Color 250
	Ice Color 500
	Ice Color 1000
	Arcaline 2 3G
	ColorPlayer 150 3G RGBAW
	ColorPlayer 150 3G AWW
	ColorPlayer 150 3G RGB
	ModuLED 150 RGB
	ModuLED 150 AWW
Philips	PLPROFILE1 18-34deg Zoom
	PLPROFILE1 24-44deg Zoom
	PLPROFILE4 15-35deg Zoom
	PLPROFILE4 25-50deg Zoom
	PLPROFILE4 14deg
	PLPROFILE4 19deg
	PLPROFILE4 26deg
	PLPROFILE4 36deg
	PLPROFILE4 50deg
	PLFRESNEL1
	PLCYC1 LED
	PLCYC2 LED
	SL Bar 520 RGBW
Robe	Actor 3

Manufacturer	Model
	Actor 6
DTS	Actor 12
	Scena 150 LED PC
	Scena 150 LED Fresnel
	FOS 100 Dynamic
	FOS 100 Solo
Chauvet	Affinity 7x7 WW
	Colorado 4 IP
	ColorDash Par-Quad 7
	Epix Bar
	Nexus 2x2
	Nexus 4x1
	Nexus 4x4
	LED Shadow
	Ovation C-640FC
	Ovation F95 WW
	Ovation F95 CW
	Ovation F-165 WW
	Ovation F-165 CW
	Ovation E-190 WW 5deg
	Ovation E-190 WW 10deg
	Ovation E-190 WW 14deg
	Ovation E-190 WW 19deg
	Ovation E-190 WW 26deg
	Ovation E-190 WW 36deg
	Ovation E-190 WW 50deg
	Ovation E-190 WW 70deg
	Ovation E-190 WW 90deg
	Ovation E-190 CW 5deg
	Ovation E-190 CW 10deg
	Ovation E-190 CW 14deg

Manufacturer	Model
	Ovation E-190 CW 19deg
	Ovation E-190 CW 26deg
	Ovation E-190 CW 36deg
	Ovation E-190 CW 50deg
	Ovation E-190 CW 70deg
	Ovation E-190 CW 90deg
American DJ	Matrix Beam LED
Oxo	Color Batt 7 FCW
	MiniBeam LED FC
	MiniBeam RGBW
	MiniBeam RGBW IR
	MultiBeam LED RGB Zoom
	MultiBeam RGBW
Elation	Cuepix Panel
	Cuepix Strip Tri
	Cuepix Strip Tri WW
	Elar 108 Par RGBAW
	Rayzor Q7
	Rayzor Q12
URC	PowerStrip 18x3
	Cupix 44
	LED Strobe 900
	Citywash 300
	Goldpix 77
Prolights	Halupix
ETC	Source 4 LED Cyc Daylight
	Source 4 LED Cyc Tungsten
Starway	DataKolor
	PixKolor
	SticKolor 168HD

New Conventional Fixtures

Manufacturer	Model
Art Lighting	FHR500
	FHR1000
	FHR2000
Syncrolite	Arenavision
Showtec	Phantom 75 LED Spot
	Phantom 225 LED Spot
	Indigo 4600
	Indigo 5500

New Strobe Fixtures

Manufacturer	Model
Martin Rush	Strobe 5x5
Philips	Strobe

New Accessories

Manufacturer	Model
Martin	AF-1 DMX Fan
Panasonic	PT-D10000u Video Projector
	PT-DZ21K Video Projector
	PT-EX16K Video Projector
Christie Digital	LX1500 Video Projector
	YK100 LX1500 Video Projector
Generic	Area Washlight

New Truss

Manufacturer	Series	Component
Prolyte	H30L	L025
	H30L	L029

Manufacturer	Series	Component
	H30L	L050
	H30L	L075
	H30L	L100
	H30L	L150
	H30L	L200
	H30L	L250
	H30L	L300
	H30L	L350
	H30L	L400
	H30L	L450
	H30L	L500
	X30L	X025
	X30L	X029
	X30L	X050
	X30L	X075
	X30L	X100
	X30L	X150
	X30L	X200
	X30L	X250
	X30L	X300
	X30L	X350
	X30L	X400
	X30L	X450
	X30L	X500
	X30L	BOX30L-SYM
	H30D	BOX30D
	H30D	30db022-44
	H30D	30db022-50
	H40V	L039.5
PRG	A Type Curved Section	A-28.0mOD-24seg
	A Type Curved Section	A-35.0mOD-24seg

Manufacturer	Series	Component
	A Type Curved Section	A-65.0mOD-24seg
Eurotruss	FT100	FT100-100
	FT100	FT100-200
	FT100	FT100-300
	FT100	FT100-BLK 2ATT
	FT100	FT100-BLK 3ATT
	FT100	FT100-BLK 4ATT
	TD44 Tower	TD44-097
	TD44 Tower	TD44-100
	TD44 Tower	TD44-117
	TD44 Tower	TD44-133
	TD44 Tower	TD44-150
	TD44 Tower	TD44-162.9
	TD44 Tower	TD44-200
	TD44 Tower	TD44-211.1
	TD44 Tower	TD44-250
	TD44 Tower	TD44-300
	TD44 Tower	TD44-350
	TD44 Tower	TD44-361.1
	TD44 Tower	TD44-400
	TD44 Tower	TD44-Base with Extensions
	TD44 Tower	TD44-Base-bal
	TD44 Tower	TD44-Hinge Set
	TD44 Tower	TD44-Sleeve Block
	TD44 Tower	TD44-Top
	FD34	fd34-td1
	FD34	fd34-td1 3wa
	FD34	fd34-10mtr 12seg
	FD34	fd34-14mtr 10seg
	FD34	fd34-16mtr 20seg
	FD34	fd34-18mtr 12seg

Manufacturer	Series	Component
	FD34	fd34-24mtr 32seg
Milos	M390/QTL	QTL200
	M390/QTL	QTL400
	M390/QTL	QTL600
	M390/QTL	QTL800
	M390/QTL	QTL1200

New Lamps

Manufacturer	Name	Base
Osram	HPL 750W/115V/X	Source 4 750w
	HPL 750W/230V/X	Source 4 750w
Generic	ERS LED Tungsten	LCD
	ERS LED Daylight	LCD
	HPL-LED Tungsten	LCD
	HPL-LED Daylight	LCD
	UHM 250W 120V	LCD
	UHM 250W 230V	LCD
	UHM 380W 120V	LCD
	UHM 465W 230V	LCD
	NSH 330W	NSH

New Gobos

Manufacturer	Model
FineArt	Fine15002-G1-6
	Fine15002-G1-8
	Fine15002-G2-6
Martin	All Squares
	Horizontal Bars
	Jaws
	Munch Ball

Manufacturer	Model
	Organic Moments
	Split S
	Torn
	Vertical Bars
	Wave Away
	Wedge It
	Wriggle
	Ray Brush
	Ray Flowers
	To Boldly Go
	Light Lines
DTS	Raptor G1
	Raptor G2
	Raptor G3
	Raptor G4
	Raptor G5
	Raptor G6
	Raptor G7
	Raptor G8
	Raptor G9
	Raptor G10
	Raptor G11
	Raptor G12
	Raptor G13
	Raptor G14
	Raptor G15
	Raptor G16
	Raptor G17
Robe	15020276
	15020277
	15020278

Manufacturer	Model
	15020279
	15020280
	15020281
	15020282
	15020283
	15020284
	Pointe SG-1
	Pointe SG-2
	Pointe SG-3
	Pointe SG-4
	Pointe SG-5
	Pointe SG-6
	Pointe SG-7
	Pointe SG-8
	Pointe SG-9
	Pointe SG-10
	Pointe BR1
	Pointe BR2
	Pointe BR3
	Pointe BR4

New Colors

Color Name	Number
Double New Colour Blue	500
New Colour Blue Robertson	501
Half New Colour Blue	502
Quarter New Colour Blue	503
Waterfront Green	504
Sally Green	505
Marlene	506
Madge	507
Midnight Maya	508
Argent Blue	525

Color Name	Number
ALD Gold	550

New Library Items

Manufacturer	Object
Generic	Circle-Back Banquet Chair
	Electric Guitar "Flying V"
	Electric Guitar "Strat"
	Coat Rack 5ft
	Coat Rack 6ft
	Digital Display 40in
	Digital Display 46in
	Digital Display 55in
	Smartphone Digital Display
	Smartphone Digital Display On Stand
	Traditional Wedding Cake 1
	Traditional Wedding Cake 2
	Traditional Wedding Cake 3
	Traditional Wedding Cake 4
	Traditional Wedding Cake 5
	Simple Wedding Cake 3 Tier
	Simple Wedding Cake 4 Tier
	Simple Wedding Cake 5 Tier
	Square Wedding Cake 3 Tier
	Square Wedding Cake 4 Tier

Manufacturer	Object
	Party Cake 20x14in
	Cake Round Flat-Top 6inch
	Cake Round Flat-Top 8inch
	Cake Round Flat-Top 10inch
	Cake Round Flat-Top 12inch
	Cake Round Flat-Top 14inch
	Cupcake
	Cupcake Tray 8 Inch
	Cupcake Tray 12 Inch
	Cupcake Tray 16 Inch
	Cupcake Tray 20 Inch
	Cupcake Tray 24 Inch
	Cupcake Tower 2 Tier
	Cupcake Tower 3 Tier
	Cupcake Tower 4 Tier
	Cupcake Tower 5 Tier
	Cupcake Tower 2 Tier plus Cake Topper
	Cupcake Tower 3 Tier plus Cake Topper
	Cupcake Tower 4 Tier plus Cake Topper
	Cupcake Tower 5 Tier plus Cake Topper
	Bride and Groom Standing 1
	Bride and Groom Standing 2
	Bride Standing 1
	Bride Standing 2

Manufacturer	Object
	Bride Sitting 1
	Groom Standing 1
	Groom Sitting 1
	Formal Woman Standing 201
	Formal Man Standing 201
	SUV
	Pickup Truck
	Sedan
	Scooter
	Coat Rack 5ft
	Coat Rack 6ft
	Coat Rack 1.5m
	Coat Rack 1.8m
D&B Audio	E3
	E4
	E5
	E6
	E8
	E12
	E12X Sub
	E15X Sub
	M2
	M4
	M6

Manufacturer	Object
	MAX
	MAX12
	Q7
	Q10
	Q Sub
	QiSCA Sub
	T10
	T Sub
Blacktrax	Ground Plane

Updated Library items in *wysiwyg* R32

The following library items have been updated in *wysiwyg* R32.

Updated/Corrected Fixtures and Accessories

Manufacturer/Name	Correction/Update
SGM P-5	Added optional Lenses
Martin Atomic 3000	Duty Control updated
Altman ZS-3	Enabled new Plan View symbol
Chromlech Elidy Big	Added 6 and 13 channel DMX options.
Selador X7 48"	Beam corrections
Banquet Chair 03	Smoother Back frame
Showtec Phantom LED 50	Reduced Pan/Tilt max speed
Mac 250 Series fixtures	Enabled Prism Rotation in Design Mode

Resolved Issues in wysiwyg R32 Update

1. **wysiwyg R32 Update and Vivien 2014 Update files are fully compatible and can be opened in either application.** Due to differing release schedules, **wysiwyg** R32 files were not fully compatible with Vivien 2014. However, with this **wysiwyg** R32 Update and the Vivien 2014 Update, the Vivien 2014 Update is now able to save and load R32 Update files. R32 Update is now able to save and load Vivien 2014 Update files.
2. **The quality of flare with Enhanced Beams has been improved.** The previously visible flare disc artifacts are no longer displayed in the beam.
3. **A new anti-aliasing FXAA filter was added to the application.** When enabled, FXAA will override your graphics card anti-aliasing settings to deliver higher quality Shaded view images, and better quality Shaded View exported images. This option is on by default, but if the user wishes can be disabled from the Simulation tab of Application Options under "Disable Anti-Aliasing".
4. **Video card settings were ignored when Shaded View was exported directly to an image, causing images to not reflect what was shown in Shaded View.** This issue has been fixed.
5. **wysiwyg crashes when editing the layout for an accessory attached to a fixture (in CAD or DESIGN modes).** This issue has been fixed.
6. **Attempting to paste in New Plots caused unexpected errors.** Attempting to paste an object in New Plots produced an "Error rebuilding selections from clipboard" error. Attempting to CTRL + Drag to copy/paste an object in New Plots did not place a copy. For labels, it also removed the original label. These issues have been corrected.
7. **In some files, switching modes or tabs was slow.** This issue has been fixed.
8. **Certain fixtures would not have their attributes displayed in New Plots if the fixture was rotated.** This issue has been fixed, both front and side views in New Plots properly display fixture attributes.
9. **Duplicated items or shortcuts would be labeled "Copy of <name>".** To improve organization and workflow, duplicated items are now labeled "<name>(_X)".
10. **In the Render Wizard, the Volumetric drop-down and Reflection checkbox were disabled.** These features are now enabled in the Render Wizard to avoid confusion, but they still have no impact to the Render engine's resulting rendered image.
11. **wysiwyg's wireframe performance was sometimes decreased when the CAD Tools toolbar was open in a file with a large number of objects (including New Plot objects).** This issue has been fixed.

12. **The beams from a Syncrolite XL10 were not drawn when viewed close to the fixture and the beam brightness was set low.** This issue has been corrected and the beam is always drawn.
13. **Snap were incorrectly applied at the cursor position instead of the user selected position when working with interactive curved pipes.** This issue has been corrected and interactive curved pipes will now snap correctly.
14. **Sometimes when performing a boolean subtract, the resulting object's surface would become deformed and lose its shape.** Objects now retain their shape when performing a boolean subtract.
15. **The focus of fixtures could be changed in Live Mode using Ctrl+F if the fixture was first selected in CAD mode.** This issue has been corrected and it is no longer possible to change fixture focus this way.
16. **In Shaded view, when certain fixtures were turned on and viewed, NVIDIA cards users may have experienced Shaded view becoming blank with nothing visible.** Shaded view now correctly displays fixtures for NVIDIA card users.
17. **After inserting a fixture on the floor, the status of the fixture in DATA Spreadsheets appeared as "Please select the objects to clone".** This issue has been corrected. Fixtures inserted this way will now display the correct status "ON FLOOR".

Resolved Issues in wysiwyg R32

18. **wysiwyg crashes when switching to the Shaded View on a computer running the AMD Catalyst 13.9 video drivers.**
This issue was resolved in the R31 Update and the fix is included in Release 32.
19. **When using a 3D Connexion mouse, 3D mouse movements are not saved when creating or positioning standard cameras.**
This issue was resolved in the R31 Update and the fix is included in Release 32.
20. **Exporting the Shaded View using "Export to Image" causes a crash when attempting this in Parallels on a Mac computer.** This issue has been fixed by avoiding the crash. In this scenario, **wysiwyg** will avoid exporting the image and instead will display a warning message if Parallels is detected. The message reads: *Exporting the Shaded View directly to an image file on your system may cause wysiwyg to crash. Instead, please Save to Image View. The image can be saved to a file from the Images tab in PRES Mode.*
Another workaround to avoid the crash is to take a screenshot and paste it into a photo editing application.
21. **When running wysiwyg on a computer at 125% DPI settings, some dialogs display artifacts or incomplete text.**

This is now fixed for several dialogs, including the Color dialog, the LED Wizard just to name a few.

22. **When copying or arraying BlackTrax Zones, unique names are not enforced by the operation.**
Unique zone names are enforced at all times now.
23. **Performing a "Consolidate Mesh" on a group consisting of a focus line makes the focus line disappear.**
This will no longer happen. The Consolidate Mesh operation will not be enabled if a focus object, like a focus line or arc, is selected.
24. **The Array menu item in CAD mode uses "Y" as its new accelerator key.**
Previously "R" was designated as Array's accelerator key in the Tools menu, but it was also designated for the Render Wizard. As a result, we've reassigned the Array accelerator key to "Y" to avoid this discrepancy.
25. **If a report is generated with the Focus X, Focus Y and Focus Z columns for a chain motor, wysiwyg crashes.**
This is now fixed. Generating this report will no longer crash **wysiwyg**.
26. **When attempting a Purge operation after deleting fixtures in the file, wysiwyg crashes.**
This is now fixed. Performing a fixture delete and purge operation will not crash **wysiwyg**.
27. **When attempting a Purge operation on imported items and custom library objects, wysiwyg crashes.**
If you try to purge imported SketchUp/DWG/DXF items and custom library items at the same time, **wysiwyg** stops responding. This issue has been fixed.
28. **Editing a fixture's lenses from the FALs (Fixture Attribute Layouts) window does not work in Release 31.**
This issue is now resolved. It is now possible again to edit fixture's attribute layouts individually based on selected lens and bulbs.
29. **Changing the Shaded View's Ambient Light Color is not saved with the file.**
This is now fixed. The Ambient Light color will now be saved in the **wysiwyg** file.
30. **Sometimes resizing the column widths in a spreadsheet are not saved in the file.**
This happens in any DATA mode spreadsheet when the width set is greater than the maximum supported column widths. If this happens, the columns will be set to the maximum support column width.
31. **The Cuts and Adjustments Tool only works on a single fixture at a time, even if the same fixture is selected.**
The Cuts and Adjustments Tool has been enhanced to set properties on multiple features when possible. If selecting multiple fixtures the list of Lamps is populated with the Lamps that can be mounted on all of the fixtures. If none are available the drop-down is disabled.

The same functionality occurs for the Lenses. In all these cases, the lamp angle and lens angle are always enabled.

32. Copying fixtures on the floor by using the CTRL + DRAG method on the fixture's mount point does not assign the "Floor" position to the copied fixture.

This issue is fixed. Performing a CTRL + DRAG on the mount point of a fixture inserted on the floor will now copy the Floor position to the new fixture.

33. The objects that can be inserted directly into a New Plot should appear in the Layer properties Object Counts tab.

Previously, objects such as Lines, rectangles, text, circles, and arcs were not counted in the layer object count and were not listed at all in the Object Counts tab, which often lead users to be confused over whether or not a layer is empty. As a result, layers that appeared to be empty were not empty. Users were attempting to delete these layers but were not successful in doing so. Now, the Layer count lists the objects on the New Plots separately, and will indicate if the Layer is empty or not. These objects will all be listed together on one line: *New Plots - 2D CAD Objects*.

34. When exporting an object to DWG, wysiwyg will check the number of vertices and warn the user if an object exceeds 32767 faces.

This is necessary because 32767 faces is the maximum number of PFACE entities in a single object that AUTOCAD can display, and if there are more, the object is simply not displayed. As a result, **wysiwyg** will check the number of faces, and will warn users with a warning message if the number of faces exceeds the maximum.

Known Issues

1. Some users have experienced a connection issue when trying to connect wysiwyg on a Windows XP computer to the Luminair app on their iPhone or iPod Touch device

This problem occurs on computers running Windows XP that have not installed the latest Internet Explorer (IE) release. The connection issue is caused by the absence of some library files that were not available in older versions of IE, as this problem doesn't exist after updating to Internet Explorer 7 or 8. Newer computers running Windows Vista or Windows 7 use IE7 or IE8 and, therefore, have the required library files.

2. Users whose computers contain certain ATI video cards have reported seeing artifacts in the wysiwyg Shaded View

This problem is linked to Radeon x1300-x1950 video cards, although other cards may also cause this issue. As a workaround, update your video drivers. If this does not fix the issue, deactivate Smoke in the View Options window of the Shaded View. If you still cannot resolve the issue, please contact CAST Software Technical Support.

3. You cannot perform a second Merge operation on a merged item that has been mirrored

After mirroring an object that was originally created through a merge operation, you cannot reliably perform another merge procedure on this object.

Workaround: It is recommended that you perform all Merge operations on these objects *before* you mirror them.

4. Single-sided surfaces that have Light Emission enabled "glow" on both sides when rendered

When you assign light emission to a single-sided surface, and then render it with Radiosity turned on, the surface appears to glow on both sides.

Workaround: When using a light-emitting surface, create a second surface (with no light emission) of the same size and place it just behind the light-emitting surface, 1 or 2 millimeters away. This will mask the second light-emitting side in your rendering.

5. For fixtures with multiple circuit types you cannot manually select which type to display in DATA mode

Regardless of the number of circuit types associated with a particular fixture and the Regional Settings that you choose for your file, there is no way to select which circuit type to show in DATA mode; instead, the program will always show the first circuit type listed.

6. After saving your wysiwyg file directly to a Network Attached Storage (NAS) device or any other remote drive/location, including (potentially) USB drives, you may have trouble opening the file

Workaround: Work on files that are kept on your local hard drive. Before you begin working on the **wysiwyg** file, copy it to your local drive and open it from there; once you are finished working on it, save the file (on your local hard drive) and then move it back to your NAS device.

7. When you uninstall and reinstall the wysiwyg Server, the network version of wysiwyg (Network or Learn) does not function properly

When you install **wysiwyg** Release 32 the program installs updated Sentinel Drivers that make it unnecessary to subsequently install the **wysiwyg** Server (for the network versions of **wysiwyg**). However, if you install **wysiwyg** Release 32 *and* the **wysiwyg** Server, and then subsequently uninstall and reinstall the **wysiwyg** Server, the program will not function properly.

In this case, perform the following workaround:

- 1) Click Start > Control Panel > Add or Remove Programs.
- 2) From the list of programs, click **Remove** beside the following programs, and then follow the steps to remove them from your computer:
 - all listed versions of the Sentinel Drivers
 - the **wysiwyg** Server
- 3) Restart your computer.
- 4) When these programs are removed, reinstall the Sentinel Drivers by double-clicking the file *Sentinel.exe* located in the following folder:
C:\Program Files (x86)\WYSIWYG Release 32\Bin\Sentinel

Note: C: is the drive on which you installed **wysiwyg**.

8. Software utilities used for cleaning temporary files sometimes interfere with **wysiwyg's** ability to save a file

While working on a **wysiwyg** file, you discover that you cannot save it, even if you try to save it under a different file name. When trying to save the file, you might receive an error message saying there is not enough disk space available (even though the problem is unrelated to disk space). Eventually, you have to close the file, losing all renderings that you have saved internally and, potentially, all your work.

Explanation: **wysiwyg** stores some internal file data as temp files in the Windows temp directory. If you delete these temp files while your **wysiwyg** file is open (either manually or automatically by running a temp directory cleaning program, such as Window Washer), this internal data will be lost and **wysiwyg** will be unable to save the file.

Solution: While working in **wysiwyg**, you should not manually delete any of the files in the Windows temp directory, nor should you use an automated program, such as Window Washer, to do so.

Workaround: If you receive a "cannot save" error, you can still save your drawing by copying the entire contents and pasting them into a blank **wysiwyg** document. Save the document with a new file name. Note that you will still lose files that are saved internally, such as any renderings or images stored with the original file (unless you had exported them from the PRES mode > Images tab). You will also lose all shortcuts created in the file (with the exception of patch universes and images), including library, navigation, view and render shortcuts, as well as custom reports, worksheet, layouts, new plots, keys, legends, palettes, concepts and looks. Patch universes are copied and pasted together with the fixtures in the file.

9. Transparent surfaces that touch non-transparent objects are not transparent in the rendered image

To ensure that transparent surfaces touching non-transparent objects are completely invisible in renderings requires a slight workaround. When placing the transparent surface or object in your drawing, ensure that a miniscule space exists between it and any non-transparent objects in your drawing (this space can be as small as you like). For example, if you are placing a transparent surface on a floor, nudge the surface just above the floor. When you render the image, the surface will be invisible.

10. **wysiwyg** does not detect the appropriate size of color frame for fixtures that have interchangeable lenses

wysiwyg is not yet able to distinguish the lens from the body of certain fixtures that have interchangeable lenses, such as the ETC Source 4, the Strand SL, and so on. In some cases, therefore, it allows you to use the incorrect size of color frame for the current lens. For example, a Source 4 fixture with a 26° lens uses a 6.25-inch color frame, but **wysiwyg** also allows you to use both a 12-inch and a 14-inch frame (the frames used by 10° and 5° lenses respectively).

To avoid this issue, ensure that you know the appropriate color frame for each lens that you are using. Select a color frame from the accessories tab of the library browser and insert it into the fixture(s). Then open the properties of the color frame and select a color to apply to the accessory.

11. Deleted Presentation items are still available in Layouts

Removing a new plot, image, report, worksheet, key, legend, or spreadsheet from its respective shortcut bar using Undo does not remove it from the list of items available for insertion in Layouts. Such items are named “new view” in their respective list and can be added to the layout but may cause **wysiwyg** to crash.

12. Positional link not broken for grouped objects in a New Plots view

Performing a Move or Rotate command on a set of grouped objects in a New Plots view does not properly break the positional link. If you try to restore the positional link for these objects, they will return to the position they were in immediately before the positional link was broken, not to their current position in CAD mode. They will move to the correct position if the objects in CAD mode are ungrouped and regrouped.

13. Positional link not broken for grouped hang structures in a New Plots view

Performing a Move, Rotate, or Rotate Position command on a set of grouped hang structures (such as truss) in a New Plots view does not properly break the positional link. If you Move or Rotate the hang structures in CAD mode, the hang structures in the New Plots view will change their position as well. They will not be moved if you ungroup the hang structures before moving or rotating them, and then regroup them when the operation is finished.

14. 'Windows' created with the Boolean > Subtract tool disappear when the file is re-opened.

If 'windows' are cut out from a 'wall' surface when both the wall surface and the surfaces that will be used for the cutouts were created by extruding lines, after saving and closing the file, re-opening it causes the windows to be filled in again in Shaded View. In Wireframe views, the cutouts are still there.

15. Bring to Front and Send to Back commands in CAD Wireframe and in Layouts cannot be undone.

The Undo command will undo the action previous to any Bring to Front/Send to Back commands. Reversing the operation must be done manually and it may take several steps to return objects to their original draw order.

16. Performing 15-20 Boolean operations in a File may lead to a crash on the next Boolean operation.

There is a limit due to geometric complexity, but it varies depending on the file and objects and is unpredictable. If performing repeated Boolean operations on the same objects, it is recommended that you save and back up your work often - perhaps even after every successfully complete operation.

17. When undoing and redoing move commands involving objects attached to an axis or frame or a grouped axis or frame, the objects may end up positioned incorrectly.
18. In Layouts and New Plots, the measurement unit type shown in the Status Bar does not always match the unit type used in the Layout or New Plot.
19. Changing *wysiwyg's* (Wyg.exe's) task priority from Task Manager does not always result in that priority being retained.
20. Undo/Redo is not supported for Camera Path nodes set to User Defined.
21. Fixture that have multiple beam properties (e.g. Showgun), cannot display the color wheel preview information on the Color Designer Tool.
22. When modifying some fixture data in a Report, sometimes the data displayed on the Report will not update immediately. The same issue is experienced when changing Scenes while a Report is displayed. To workaround this issue, right-click and Refresh the Report view.
23. When running *wysiwyg* in the VMware Fusion virtual machine environment, textures are not applied or displayed correctly on surfaces.
24. When running *wysiwyg* in the Parallels or VMware Fusion virtual machine environment, "Save to Image view" and "Export to image" options on right click menu may crash *wysiwyg*.

Workaround: You can use the PrintScreen feature to capture a screenshot and then paste the image into an Image Editing application.

25. When running *wysiwyg* in the Parallels or VMware Fusion virtual machine environment, enabling the "Soft Shadow" option in the Shaded Views may crash *wysiwyg*.
26. When exporting the Shaded View using "Export to Image", video card settings are not ignored in the exported image.

Workaround: This does not happen if the Shaded View is saved to the Image tab first, and then exported from the Images tab. Another option is to use the PrintScreen feature to capture a screenshot and then paste the image into an Image Editing application.

Contacting Technical Support

Please read the online documentation and visit the www.cast-soft.com Web site before contacting Technical Support. You can contact Technical Support at the following location.

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