cast software

wysiwyg

Product Comparison Table – R24 (Jul 09)

	perform $4999	design $2499	report $699	demo (free)	viewer (free)
CAD					
2D views	✔	✔	✔	✔	✔
3D views	✔	✔		✔	✔
CAD elements & shapes	✔	✔	✔	✔	
CAD modelling tools	✔	✔	✔	✔	
Metric & imperial unit systems	✔	✔	✔	✔	✔
Drawing in real-world measurements	✔	✔	✔	✔	
Layers & Scenes	✔	✔	✔	✔	
Undo	✔	✔	✔	✔	
Venue creation	✔	✔	✔	✔	
Dimensioning	✔	✔	✔	✔	
Conventional fixture support	✔	✔	✔	✔	
Automated fixture support	✔	✔	✔	✔	
Fixtures automatically attach to hanging structures	✔	✔	✔	✔	
Truss structures	✔	✔	✔	✔	
Graphic representation of lighting accessories	✔	✔	✔	✔	
Fixture focus (Pan / Tilt)	✔	✔	✔	✔	
Footprint focus	✔	✔	✔	✔	
Shutters and beam shaping	✔	✔	✔	✔	
Intelligent library items (not symbols)	✔	✔	✔	✔	
Snap tools	✔	✔	✔	✔	
Align tools	✔	✔	✔	✔	
Line Weights	✔	✔	✔	✔	✔
TrueType Fonts	✔	✔	✔	✔	
Boolean operations	✔	✔	✔	✔	
Consolidate Mesh	✔	✔	✔	✔	
Import floorplan image	✔	✔	✔	✔	
Import from .skp file format	✔	✔	✔		
Import & export from .dwg & .dxf format	✔	✔	✔		
WIZARDS & TOOLS					
Riser tool	✔	✔	✔	✔	
Venue creation tool	✔	✔	✔	✔	
Render Wizard	✔	✔	✔	✔	
Offline lighting designer tools	✔	✔	✔	✔	
Light Emitting Diode (LED) Wizard	✔	✔	✔	✔	
Quick tools	✔	✔	✔	✔	
PAPERWORK					
Interactive with CAD	✔	✔	✔	✔	
Data entry	✔	✔	✔	✔	
Customizable report content	✔	✔	✔	✔	
Customizable report headings & layout	✔	✔	✔	✔	✔
Data filtering	✔	✔	✔	✔	
Error checking	✔	✔	✔	✔	
Create spreadsheets	✔	✔	✔	✔	
Export to Excel (.xls) format	✔	✔	✔		
Print spreadsheets	✔	✔	✔		
Add spreadsheets to plots	✔	✔	✔	✔	

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PLOTS					
Customizable plot layout	✔	✔	✔	✔	✔
Printable workspace	✔	✔	✔		✔
Multiple views on one page	✔	✔	✔	✔	✔
Paperwork on plots	✔	✔	✔	✔	✔
Logos & bitmaps on plots	✔	✔	✔	✔	✔
Scaling	✔	✔	✔	✔	✔
Key Wizard	✔	✔	✔	✔	✔
Legend Wizard	✔	✔	✔	✔	✔
Title block	✔	✔	✔	✔	✔
Tile printing	✔	✔	✔		✔
PRE-VISUALIZATION					
3D views	✔	✔		✔	✔
Light beams in 3D views	✔	✔		✔	
Enhanced beams (accurate colour mixing, lens flare, hot spot)	✔	✔		✔	
Shadow simulation	✔	✔		✔	
Smoke simulation	✔	✔		✔	
Light emitting diodes (LEDs) simulation	✔	✔		✔	
Light emitting surface simulation	✔	✔		✔	
Textures support	✔	✔		✔	
Custom gobo support	✔	✔		✔	
Visualization of pre-recorded & live streaming video	✔	✔		✔	
Video beam support for digital lighting fixtures	✔	✔		✔	
Real beam simulation for Colour Temp & Inverse Square Law	✔	✔		✔	
Pre-viz moving elements without ext. Controller	✔	✔		✔	
Time of Day Simulation (Environmental Lighting)	✔	✔		✔	
Transition between saved looks	✔	✔		✔	
Fixture Point of View (POV) in 3D view	✔	✔		✔	
User-definable Performance & Style View Options	✔	✔		✔	
Connection to DMX devices	✔			samples	
Hook-up channel count capacity	Up to 51200			samples	
Direct connection to supported consoles	✔			samples	
Connection to motion control devices	✔			samples	
2-way console comm. (AutoFocus,AutoPatch)	✔			samples	
Control moving elements via DMX	✔			samples	
Video interface via CITP Protocol	✔			samples	
RENDERING					
Photo-realistic renderings	✔	✔		100 x 100	
Create renderings without DMX source	✔	✔		✔	
Material property simulation	✔	✔		✔	
Natural light / sun mapping	✔	✔		✔	
Light emitting surfaces	✔	✔		✔	
Background Rendering Manager (offline capability)	✔	✔		✔	

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LIBRARIES					
Searchable Library Browser	✔	✔	✔	✔	
Fixture library	✔	✔	✔	✔	
Conventional fixture count (in library)	2510+	2510+	2510+	2510+	2510+
Automated fixture count (in library)	650+	650+	650+	650+	650+
Truss library	4400+	4400+	4400+	4400+	4400+
Gobo library	3800+	3800+	3800+	3800+	3800+
Color library	2050+	2050+	2050+	2050+	2050+
Texture library	✔	✔	✔	✔	
Material library	✔	✔	✔	✔	
Create custom conventional fixtures	✔	✔	✔	✔	
Create custom library items	✔	✔	✔	✔	
USER INTERFACE					
Simple CAD navigation	✔	✔	✔	✔	
Customizable screen layout	✔	✔	✔	✔	✔
Customizable ruler tool	✔	✔	✔	✔	
Dual monitor support	✔	✔	✔	✔	✔
Multiple popup windows supported	✔	✔	✔	✔	✔
Integrated libraries	✔	✔	✔	✔	✔
User definable fixture attribute notation	✔	✔	✔	✔	
GENERAL					
Dongle Security – AES Encryption	✔	✔	✔		
Dongle Reauthorization Program	✔	✔	✔		
Dongle Lease Program	✔	✔	✔		
Dongle-less Console Viewer (with Sample Files only!)					✔
Auto-save	✔	✔	✔		
Reference Guide	✔	✔	✔	✔	✔
Online HTML help	✔	✔	✔	✔	✔
Context-sensitive help	✔	✔	✔	✔	✔
Technical Support (included with Membership)	✔	✔	✔	✔	✔
Import formats	DWG, DXF, SKP, BMP, JPG, PNG, GIF, TGA, TIFF, LW2, Excel			image formats	
Export formats	DWG,DXFBMP,JPG,PNG,GIF,TGA,TIFF,Excel				
CamStudio	Optional during Installation				