

ParaTimeDesign

Planning with Virtual Reality lighting solution



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we love this...



but this is much more our daily life!





a simple dream



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Publications

LED professional
Review
The Global Information Hub for Lighting Technology
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Gaming in the Lighting Sector A Game Changer?

The closing gaps between companies that have grown on this idea. Looking at hand with a series of tools and user in decision-making, interesting cost ratios. Recent developments in the field for easy creation of users, designers, suppliers and

Other industries took the step into the virtual world earlier. The VR configurator is a must-have. Not only can you visualize your car online, you can also immerse in the design via VR [2]. Later in the sales process, the VR configurator becomes the foundation of the contract, and controls automation in manufacturing processes and delivery times.

For our thought experiment, we are therefore expanding our configurator with the connection to the Internet of Things and sensors and cameras, which are configured in the parameters of their virtual relatives. *Figure 3*.

The Reality

Realistic lighting in virtual spaces is a standard feature in most video games and film sequences. This was necessary to Pacman and Tetris – classics of the gaming industry in the beginning. But nowadays, the players in the game world have been implemented in virtual worlds. James Cameron's *Avatar* from 2009 was one of the first open-world movies. A futuristic element, embedded in a rapidly changing environment. With the help of the game engine, the borders have moved in to recent years. The boundaries between real and virtual signs into "Cyber" [3], a computer game that won several awards in 2019, clearly demonstrating how complex subject lighting can be presented in high-quality

The Future Potential of LiFi Communication
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Global Lighting Directory
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BUNDESVERBAND SMART CITY

SMART CITY UND DER SINN DES LEBENS

Die Smart City muss für Menschen sinnstiftend sein – Smart Streetlighting erfüllt dabei eine wichtige Funktion, von Wolfgang Bernecker und Stefan Slembrouck

Eine Stadt, die Räume schafft, in der Menschen gerne verbleiben, ermöglicht soziale Begegnungen, diese bauen Angste ab, bilden Vertrauen und schaffen Zugehörigkeit. Das sind sinnstiftende Erfahrungen. Zugleich sind belebte Plätze und Straßen für pandemiegeschädigte Einzelhändler und Gastronomen überlebenswichtig: mit einer leeren Innenstadt droht die ganze Stadt zu sterben. Wie kann eine intelligente Raumplanung zur Belebung von öffentlichen Räumen herbeiführen, wie kann smarte Infrastruktur sie dabei unterstützen und damit die Resilienz einer Stadt und der Stadtgesellschaft stärken? Intelligente Straßenbeleuchtung spielt dabei eine wesentliche Rolle und kann mit VR-Planungstools bereits im Planungsprozess erlebbar gemacht werden.

The Showroom

With a virtual showroom, it is possible to communicate products and ideas, wholesalers, contractors and installers can make decision-making processes faster, more efficient and more valuable at a reasonable cost. The combination of light, colors, sensors, blades, electrical devices and remote-control options allows the user to create individual products. With the help of parametric design systems, it is possible to quickly generate solutions for smart homes and IoT applications profit from a virtual showroom. The connection to ERP systems is also possible. The connection to ERP systems is double.

The Configurator

Specific product configurations are massive sales success for manufacturers. Sales success, energy savings and creative environments are the main factors for success.

SMART CITY – JETZT ERST RECHT!

Unter dem Eindruck der Corona-Pandemie stellt sich die Frage, ob die Entwicklung von Smart Cities weiter vorangetrieben werden sollten. Die Smart City ist ein zentraler Baustein der Smart Nation.

„Smart Cities sind nach wie vor eine gute Idee, die jedoch nicht in allen Städten und Kreisen umgesetzt werden kann. Es gibt Städte, die die ressourcenschwachen und finanziell begrenzten Möglichkeiten der Stadtentwicklung abweichen.“

Patrick Schumacher, Partner Zaha Hadid Architects

Parametricism

A New Global Style for Architecture and Urban Design

Though parametricism has its roots in the digital animation techniques of the mid-1990s, it has only fully emerged in recent years with the development of advanced parametric design systems. Patrick Schumacher explains why parametricism has become the dominant, single style for avant-garde practice today and why it is particularly suited to large-scale urbanism as exemplified by a series of competition-winning masterplans by Zaha Hadid Architects.



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