A blog about led lighting, technology and innovation

25.09.2015 With a high-speed camera, scientists were able to capture the movement of the fastest in the Universe the forces of light. At mit have created a camera that can shoot one trillion frames per second which is almost 42 billion times faster than normal camera speed is 24 frames per second. The video shows an experimental survey of the photons in the water with a speed of 966 million mph. In real time it lasted a nanosecond. For comparison, a nanosecond refers to the second as the second to 317 years. The human eye cannot notice the motion of an object with such speed so the camera slowed the take up to 20 seconds. If the same way was filmed the flight of the bullet then the resulting video would have lasted three years, explains John Markoff John Markoff from the New York Times. 12.02.2015 The facade of the Cube from Javier Lloret Spanish designer Javier Lloret has introduced a unique management system with a façade full of lights. The heart of the system printed on a 3D printer the cube with built-in Bluetooth module and sensors. When you rotate the cube, the sensors transmit signals via Bluetooth to the computer the signal is processed and transmitted wirelessly to the led controllers DMX and those, in turn, controlled linear RGB led fixtures. 30.01.2015 A Federal program of the German Ministry of environmental protection, the BMU 30% subsidy in actual results of the implementation of led lighting technology The goal of the program is the sharp decline in electricity consumption for lighting with the appropriate acceleration of implementation in the largest possible number of objects of industrial and public buildings of all types and purposes of outdoor lighting of cities advanced means of lighting for led systems of regulation and control lighting systems resulting the Main objective of this programme a 50% reduction of emissions of carbon dioxide from thermal power plants supply lighting network.The Ministry of environmental protection of Germany BMU guarantees a 30% subsidy to the implementing of new projects and projects of modernization of lighting in achieving actual results to reduce energy consumption without compromising the quality of lighting conditions. 09.07.2014 A reduction of 24% of world energy consumption thanks to LED by 2020 Analysts of the consulting company IHS predicted that the transition to led technology will reduce global electricity consumption for General lighting by 24% by 2020.According to experts of the company consumption of existing lighting systems has amounted to 361 trillion kWh in 2013, the use of led lighting will reduce the load to 275 trillion kWh by 2020.The power consumption of the system

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