

# The New York Times Building

## New York, USA



*“As a company we intuitively understood that, if we were going to work in a building with so much outer glass, we had to keep a rein on our energy consumption. That helps our bottom line but also is the environmentally responsible thing to do.”*

**David Thurm, Senior Vice President, Operations of the Times Company**

## Background:

Located in Manhattan, the New York Times Company, as parent company of the New York Times, decided to build a new representative headquarter. The result is a dazzling skyscraper jointly owned with Forest City Ratner Companies of New York. Its chief attributes are open spaces and floor-to-ceiling glass walls that provide building occupants wide views and allow outsiders to look in.

## The challenge:

The building is a 52-story tower with 1.5 million gross square feet used for office and retail. The New York Times Company started professional lighting testing, in cooperation with the University of California. In a replica of the building lighting products by various manufacturers were tested. The challenge was to make the employees feel more comfortable, to produce an energising work environment and to create a system that offers every floor and its lighting zones special lighting schemes that are based on the amount of daylight that penetrates that space. Lutron as an expert in light control and with over 50 years experience took part in the testing.

## Lutron's Quantum® lighting control system:



Lights automatically dim when daylight is available



Flexibility to reconfigure spaces easily and simply



Uses Quantum® to increase comfort and productivity while saving energy

## The solution:

For six months, different lighting technologies were tested. The New York Times Company wanted to make sure that the lighting was able to fit all the needs of this new building and was the right solutions for the people working in the building.

Lutron's Quantum® light management solution for office space was selected. It employs a number of different strategies – including daylight control, occupant control, target set point control, time control and emergency lighting control – to give the building occupant maximum comfort, and to give business owners the flexibility to adapt their work environment to meet changing business requirements. Quantum® also features software to control, monitor, and report on the lighting usage on the building.

## The results:

The Quantum® 30-day energy usage report showed that after one year 72 percent reduction in lighting energy was achieved. While 1.28 watts per square foot of lighting power were estimated for the building, through the Quantum® system only 0,38 watts were used. This equates yearly savings of 1 Dollar per square foot. The work productivity at the New York Times increased by 1 percent, due to improved lighting environment.

The high quality of Lutron's light control solution matched the high quality of the New York Times. In cooperation, an eco-friendly building in Manhattan is able to outshine everything else.

<b>Client</b>	The New York Times Company
<b>Architect</b>	Renzo Piano Building Workshop
<b>Equipment provider</b>	Lutron Electronics Co., Inc.
<b>Photography</b>	Photography © Nic Lehoux
<b>Lutron products</b>	Quantum® lighting control system