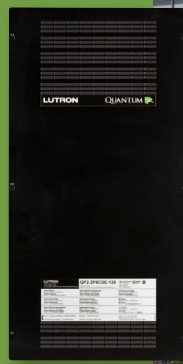


Replacement and Upgrade Services (RUS)

Quantum® Total Light Management™



Is it time for a Lutron Quantum Total Light Management system?

A Lutron Quantum system can deliver a comprehensive lighting management solution that includes automated and personal lighting controls, motorized window shades, digital ballasts and LED drivers, occupancy and daylight sensors together under one system umbrella.

Ideal for both retrofit and new construction projects.

Quantum systems can easily scale from a single area to a floor, a building, or an entire campus. Monitoring and reporting tools help you assess energy usage. Digital, wireless technology and seamless IT integration make Quantum an excellent tool for retrofit projects – upgrading can reduce maintenance and operating costs, ultimately reducing the cost of ownership.

Upgrade—is your installed lighting control system still meeting your facility's requirements?

A Lutron GRAFIK 7000™ system features digital control technology that can be efficiently upgraded to a Quantum system, allowing your facility to take advantage of the most advanced energy management solutions available. An upgrade to a Quantum system will enable all areas or buildings to standardize lighting control between existing and new systems, enhance personal control options, and realize the greatest possible energy savings.

As your IT department upgrades building management and computer software, a Quantum system upgrade can help ensure consistent, reliable communication between building systems.

Replace—is it becoming more difficult to replace your current lighting control system parts, upgrade software, or implement advanced energy-saving strategies?

If your building is equipped with a GRAFIK 6000®, GRAFIK Eye® 4000 system, or an older Digital MicroWATT™ or Orion® system, it may be time to evaluate and replace with a Quantum Total Light Management system. A new Quantum system will ensure reliable performance, allow your buildings to take advantage of state-of-the-art technology, and incorporate advanced energy-saving and control strategies for lighting, shades, HVAC, and other building management systems.



System Comparison

	System Features	System Types	
		Quantum®	GRAFIK 7000®
Energy Savings/Reduced Operating Costs	Occupancy and Daylight Sensing	wireless available	•
	Daylight Harvesting Capability	advanced	basic
	Timeclock	•	•
	Automated Shades	advanced	basic
	High-End Trim	•	•
	Load Shedding	advanced	basic
	Automated Demand Response	•	
Support	Hardware/Software Support Plans Available	•	hardware only
	Replacement Parts Availability	•	•
	Remote Programming/Diagnostics Capable	•	•
	Facility Manager Training	•	•
	Windows 7 Compatible	Version 2.0+	Version 3.0
Reporting and Diagnostics	GreenGlance® Energy Dashboard	•	
	BACnet Support	advanced	•
	Maintenance/Energy Reporting	advanced	basic
	Alerts and Alarms	•	
Easy Configuration and Control	Floorplan Software	•	•
	Programming and Remote Control Capability	iPad	•
	Advanced Button Programming Options	•	•
	Partitioning	•	•
	Personal Light Control	wireless available	
Backward Compatibility	Panel Support (an upgrade can support indicated panels)	XP/GP/LP	XP/GP/LP
	EcoSystem®	•	
	3-Wire Ballasts	•	•

	System Types			
	Digital MicroWATT™	GRAFIK 6000®	GRAFIK Eye 4000®	Orion®
	•	•	•	•
		basic		
server based		•	•	•
		basic		
•	•	•	•	•
advanced				
•				
labor only	labor only	hardware only		
minimal	minimal	•	minimal	
•	•			
basic	basic	advanced	advanced	
•		•	•	•
		•		
•		•	•	•
•		•	•	•
		XP/GP/LP	XP/GP/LP/DP	XP/GP/LP/DP
•	•	•	•	•

Replacement and Upgrade Services

How can Lutron help?

Upgrading or replacing your existing system can lead to a more comfortable, productive and energy-efficient environment. Studies show that office buildings expend 39% of electricity on lighting alone (EIA Commercial Office Buildings Energy Consumption Survey, 2003 data, released in 2008). Start saving energy where it counts most.

Where should you start?

Lutron RUS Specialists can review the equipment currently installed in the building (including Lutron systems, other manufacturer's systems, and front-end controls), work with you to determine what capabilities and features will enhance system performance, and propose comprehensive solutions to best meet your lighting control needs.

To help you plan for a system upgrade or replacement, we can provide the following services:

- Lutron lighting solution assessments
- Proposals, including utility rebates
- Design services
- Upgrade planning logistics
- Project management service



Consult with a Lutron RUS Specialist

We look forward to talking to you about your projects. Please call **1.800.523.9466**. Choose the **option for Field Service, and then the option for a RUS Specialist**.

Or, feel free to contact us via email—RUS@lutron.com



www.lutron.com/service

Technical Support Center 1.800.523.9466

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