

Athena System Spec

Athena is a flexible, simple, all-in-one solution that combines the world's most advanced light source with intelligent shades and connected apps to deliver a holistic light experience. Athena is an evolving solution that like other modern software solutions, when Internet connected, receives frequent updates and improvements adding new features, bug fixes, and security updates.

The most up-to-date information about the system can be found on our website:

<https://www.lutron.com/Athena>

For further system architecture and device details see the dynamic system architecture page:

<https://www.lutron.com/AthenaSpecs>

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Job Name:	Model Numbers:
Job Number:	

System Functionality

The Lutron Athena system can be installed completely disconnected from the Internet or connected to the Internet. This is a list of features that the system has regardless of Internet connection status.

Specifications

- Scaling Definitions
 - Place is a physical building or a collection of one or more floors under one customer group's control
 - System should be a single floor and a collection of areas that is bounded by devices than can control one another
 - Database is a technical file that is tied 1:1 to a system
- Scaling Technical Limits
 - One (1) place can have up to 100 systems
 - One (1) system can have up to 16 processors/gateways
 - One (1) system can have up to 300 areas
 - One (1) area can have up to 100 zones
 - One (1) zone can have up to 99 switchlegs
- Athena Touchscreens
 - Up to 5 Athena touchscreens per Athena processor

Model	Limitations per QS Link					
	QS Device Count	Wall Controls ¹	Occupancy Sensor Count	Daylight Sensor Count	Switchleg Count	DMX Interface Limit
1L Processors – 1 QS Link	25	50	50	50	256	8
2L/4L Processors – 2 QS Links	99	100	100	100	512	16

- QS Link
 - QS link is topology free (can be daisy-chained, T-tapped, starred, etc.)
 - QS link is NEC® Class 2/PELV and provides power and communication to low-voltage devices
 - Maximum link length of 2000 ft (610 m), using 12 AWG (4.0 mm²) wires for power pair
 - QS link can be extended an additional 2000 ft (610 m) using the QSPS-10PNL. See Lutron Spec Submittal P/N 085335 at www.lutron.com for details
 - For PDU information, refer to Lutron Spec Submittal P/N 369405 at www.lutron.com

¹ Pico wireless controls, QS keypads, IR keypads.

Job Name:	Model Numbers:
Job Number:	

System Functionality (cont.)

- Clear Connect – Type X (CCX) Link
 - Universal Rules
 - CCX is a wireless protocol that operates in the 2.4 GHz frequency band, using a mesh network topology to deliver secure and reliable communication
 - Each wireless processor or gateway can communicate with up to 100 other CCX devices
 - All CCX devices must be within 75 ft (22.9 m) of their assigned wireless processor or gateway
 - It is recommended that the wireless processor or gateway and the CCX devices assigned to it are located on the same floor
 - For best performance, Lutron recommends moving Wi-Fi devices off of 2.4 GHz and into the 5 GHz band (802.11n or 802.11ac) to prevent potential overlap and interference with CCX devices
 - Refer to product specification submittals for guidelines to minimize RF interference
 - Regional Specific Rules: North and South America¹
 - At least two non-battery operated CCX devices must be within 25 ft (7.5 m) of their assigned wireless processor or gateway
 - Each CCX device must have at least two other non-battery powered CCX devices within 25 ft (7.5 m)
 - Groups or clusters of CCX devices assigned to the same processor or gateway must not be separated by more than 25 ft (7.5 m)
 - See Lutron Application Note #745 (P/N 048745) at www.lutron.com for more information on CCX deployment
 - Regional Specific Rules: Outside of North and South America¹
 - At least two non-battery operated CCX devices must be within 19.7 ft (6 m) of their assigned wireless processor or gateway
 - Each CCX device must have at least two other non-battery powered CCX devices within 19.7 ft (6 m)
 - Groups or clusters of CCX devices assigned to the same processor or gateway must not be separated by more than 19.7 ft (6 m)
 - See Lutron Application Note #842 (P/N 048842) at www.lutron.com for more information on CCX deployment
- Clear Connect – Type A Devices
 - Each device must be within 30 ft (9 m) through walls or 60 ft (18 m) line-of-sight
 - Utilizes sub-GHz RF to create a point-to-point RF network
 - 431.0 – 437.0 MHz (U.S.A., Canada, Mexico, Brazil)
 - 868.125 – 869.850 MHz (Europe, U.A.E.)
 - 868.125 – 868.4755 MHz (China, Singapore)
 - 865.5 – 866.5 MHz (India)
 - 312.3 – 314.8 MHz (Japan)
 - 433.05 – 434.79 MHz (Hong Kong, Macau)
 - Refer to the device specification submittal for guidelines to minimize RF interference
- API Integration
 - 10 certificate-based API integrations per Athena processor
- Area
 - Up to 16 lighting scenes + OFF
 - Up to 31 shade presets
 - Up to 100 zones (99 switch legs per zone)
- Athena Shade Automation – Natural Light Optimization: operational with the following shade types:
 - Lutron Contract Roller shades
 - Lutron Sivoia QS Roller shades
 - Lutron Palladiom Roller shades
 - **Non-Lutron shades are NOT supported with shade automation**
- Athena Tunable White Automation & Natural Show
 - Compatible devices:
 - Athena Wireless Node with DALI-2 type 8 tunable white luminaires
 - Lutron Ketra luminaires
 - Lutron Rania luminaires
 - Lutron Lumaris luminaires
 - Lutron Orluna CCX luminaires
 - Does not require Internet connectivity or correlated color temperature (CCT) sensors to operate

¹ Country specific rules apply in some cases. Availability may vary by country.

Job Name:	Model Numbers:
Job Number:	

System Functionality (cont.)

Features

- Athena can scale to a large commercial tower up to 100 floors per building and up to 1,600 processors/gateways
 - Simple system expansion
 - High-end/low-end trim
 - Emergency lighting
 - Load shed/demand response
- OpenADR 2.0b compliant when used with LUT-Q-OPNADR-CPN8589
- Wall controls can control lights and shades
- Activate lighting and shading scenes (controlling intensity, CCT, or color)
 - Turn on/off and raise/lower individual or zones of lighting intensity
 - Open/close and raise/lower individual or groups of shades
- Occupancy and vacancy sensing
 - Programmed to control an area or a single lighting zone
 - Programmable timeout from 1 to 120 minutes
- Continuous daylight harvesting
- Scheduled events/timeclock
 - Defined based on fixed time or astronomic time
 - One-time events or recurring daily/weekly/monthly/yearly
 - Specific date exceptions (e.g., exceptions for holidays/special events)
 - Enable/disable individual scheduled events
 - Schedule events are organized into timeclock groups that can be enabled/disabled
 - Events can be configured to control lights & shades and adjust occupancy or other automation settings
- Integration
 - BACnet/IP via TCP/IP to a processor (requires configuration)
 - RESTful API via TCP/IP to a processor (requires partnership approval)
 - Serial via RS232 connection to a QSE-CI-NWK-E
 - Telnet via RJ45 Ethernet connection to a QSE-CI-NWK-E
 - Contact closures input/output to a QSE-IO
- Athena Shade Automation – Natural Light Optimization
 - Athena shade automation can be enabled or disabled on a button press, timeclock schedule or occupancy/vacancy
 - Does not require sensors
 - Definable automation configuration settings:
 - Building location
 - Façade orientation
 - Preferred shade positions (direct sun, no direct sun, night)
 - Timing of when the automation starts and ends
 - Ability to change shade grouping allowing different automation settings in a single area
 - NOTE:** Initial setup and configuration settings changes made by Lutron
- Athena Tunable White Automation & Natural Show
 - Mimic natural light throughout the day. Seamlessly exit and re-enter automation without timeclock catch-up events or waiting until the next transition
 - Definable start and end time to align with business hours or astronomic settings
 - Definable minimum and maximum CCT values to mimic natural light or set a specific range
 - Option to include intensity

Job Name:	Model Numbers:
Job Number:	

System Network Deployment Options

Lutron takes cybersecurity seriously. Security is built into every aspect of how Lutron operates, and our products are secure by design. We offer a flexible architecture that adapts to your network strategy. Specifically, there are three options for system network deployment.

1. Connected Mode – Lutron Connect with full internet connection to the Lutron cloud
2. Server Mode – Lutron Connect hosted by customer provided and managed server regardless of internet connection
3. Networked – System without an internet connection or a provided server

See the table below for functionality in each network deployment method. More detailed specifications follow in this document.

	Connected Mode	Server Mode	Networked
Lighting and Shading Control	✓	✓	✓
Local Integrations (e.g., BACnet/IP, API, etc.)	✓	✓	✓
Added Connected System Value ¹	✓		
Lutron App	✓		
Lutron Dashboard	✓	✓ ²	
Lutron Designer	✓ ²	✓ ²	✓ ²

¹ Please refer to the **System Functionality of an Internet Connected System** section for further details

² Requires a customer-supplied server/computer

NOTE: Please ensure that the operating system specifications are met when running Lutron dashboard server mode and Lutron Designer on the same machine.

Job Name:	Model Numbers:
Job Number:	

System Functionality of an Internet Connected System

Athena provides the most value to users when it is connected to the Internet. It adds more features to the system and unlocks software (Lutron App and Lutron Dashboard) in addition to the system features listed earlier in this document.

Specifications

- To use Athena connected features, all Athena processors and gateways are required to be connected to the Internet
- More technical details can be found in the Athena IT Implementation Guide (040453) https://assets.lutron.com/a/documents/040453_eng.pdf
- Lutron LTE modem (LUT-LTE-1) can be used in select regions to enable a connected startup
 - Device will be left connected for 30 days post-job closeout and then automatically disabled
- User access
 - Lutron account required for user access
 - Same account is used for Lutron Designer, Lutron App (Professional Mode), and Lutron Dashboard
 - User permissions
 - Owner: Administrator that cannot be revoked by other administrators
 - Administrator: Full control and data access of the system
 - Viewer: Monitoring in the Dashboard with no ability to control or share access
- Access sharing
 - User access is shared at a place level and will include all systems within it
 - Owners and administrators can share and revoke access with any myLutron account
 - Access can be shared for 24 hours, 7 days, 7 years, or permanently
- Single sign-on & multi-factor authentication
 - Domain-based identity authentication service enabling SSO, MFA, & 2FA
 - Supports SAML & OIDC
 - Requires setup service LSC-SSO-SETUP
 - More details and technical information can be found in the Athena and myRoom IT Implementation Guide (P/N 040453) at www.lutron.com

Features

- Automatic firmware deployment for new features, bug corrections, and security updates
- No required on-site server for data collection or data processing. Lutron's managed cloud handles these functions. Eliminating points of failure and maintenance schedules
- Lutron can provide out-of-the-box cloud connectivity for Athena systems to allow for secure and seamless start-up, software updates, remote service & support, and fast and easy connectivity without advanced network configuration
 - Lutron provides an LTE modem (LUT-LTE-1) in select regions
 - Internet connection must support outbound requests
- Allows for remote connection from Lutron software (e.g., Dashboard, App, Designer) to the Lutron system
- Remote diagnostics and troubleshooting 24/7 globally

Job Name:	Model Numbers:
Job Number:	

Lutron App

For the internet-connected system, the Lutron app serves as a multi-purpose tool used for commissioning, lighting designer aim and focus, and space-management operation and control. The app provides an on-the-go experience for users to control and override lights, shades, and scheduled events all from the palm of your hand.

Specifications

- System processors and mobile device require an Internet connection
 - Processor automatic updates must be enabled and the Athena system must be running the latest software
- Supports up to 10 simultaneously connected mobile app clients
- Compatible with the latest operating system versions of Apple and Android mobile devices

Features

- All the below features can be accomplished in the area, on the property, or remotely (anywhere with an Internet connection)
- Lighting control (see the “Space Manager Mode: Control Methods” table on the next page)
 - Monitor lighting status of areas, scenes, and zones
 - Activate lighting scenes
 - Adjust lighting zone levels
- Zone and scene adjustments (see “Lighting Designer Mode: Scene Adjustment Methods”)
 - Edit and save existing area scenes with modified lighting zone levels
 - Edit zone and scene names
- Lutron shade control
 - Monitor current status of shade groups and drives
 - Activate shade presets via virtual button press
 - Adjust shade levels
- Other load type controls
 - Contact closure
 - Receptacles

- Athena Shade Automation – Natural Light Optimization
 - Allows a space manager to control and monitor the Lutron shading system as follows:
 - Shade automation within an area can be monitored for the status of the automation
 - Shade automation can be enabled or disabled on a per area basis
 - View the past and planned automated shade activity for the current day
 - View the start and end time of the automation
- Scheduled events/timeclocks
 - Create and edit events to control lighting zones, scenes, and/or Lutron shades
 - Events can be scheduled to occur at fixed times or relative to sunrise/sunset
 - Events can be programmed to occur once or to be recurring
 - Events can be grouped into timeclock groups for easier navigation and more streamlined enabling/disabling
 - Enable/disable timeclock groups and individual events
 - Test events to preview the event's action(s) at the schedule time
- Share and manage user access
- Load shed/demand response
 - Participate in load shed/demand response programs offered by local utility companies
 - Apply a load shed reduction to the system, thereby reducing the building’s lighting power usage
 - Upon load shed activation, all loads configured to participate will decrease by the configured percentage to reduce the lighting load
- Athena tunable white automation & natural show
 - View when a zone is currently in tunable white automation or a natural show
 - Edit morning ramp up start/end time and evening ramp down start/end time using astronomic or fixed time

Job Name:	Model Numbers:
Job Number:	

Lutron App (cont.)

Space Manager Mode: Control Methods

Load Type	Switch Toggle	Intensity Continuous Slider (0-100)	CCT Continuous Slider ¹	XY Color Picker	Vibrancy ²
0-10 V (static white) ³		X			
Forward- and reverse-phase ³		X			
EcoSystem (static white) ³		X			
T-Series (tunable white) ³		X			
DALI-2 Type 6 (static white) ³		X			
DALI-2 Type 8 T _c (tunable white)		X	X		
Ketra		X	X	X	X
Rania		X	X		
Lumaris (tunable white)		X	X		
Orluna CCX (tunable white)		X	X		
Lumaris (RGB tape light)		X	X	X	
DMX 1-channel lighting ³		X			
Switched	X				
Receptacles	X				
Contact Closures (lighting & integration)	X				
Lutron QS Roller Shades & Drapery		X			

¹ Range depends on fixture configuration.

² Vibrancy is a Lutron Ketra feature that allows for change in color mixing to change color rendering while maintain a specified CCT.

³ When these load types are used for tunable white, there will not be a CCT slider in the Lutron app.

Job Name:	Model Numbers:
Job Number:	

Lutron App (cont.)

Lighting Designer Mode: Scene Adjustment Methods

Note: Slider options in lighting designer mode will match space manager mode.

Load Type	Accessible in the Lighting Designer Mode ¹	Lighting Level	Fade	Delay
0-10 V (static white)	X	X	X	X
Forward- and reverse-phase	X	X	X	X
EcoSystem (static white)	X	X	X	X
DALI-2 Type 6 (static white)	X	X	X	X
DALI-2 Type 8 T _c (tunable white)	X	X	X	
Ketra	X	X	X	
Rania	X	X	X	
Lumaris (tunable white)	X	X	X	
Orluna (tunable white)	X	X	X	
Lumaris (RGB tape light)	X	X	X	
DMX 1-channel lighting	X	X	X	X
Switched	X	X		X
Receptacles				
Contact Closures (lighting & integration)	X	X		X
Lutron QS Roller Shades & Drapery				

¹ Sliders are the same as described in the table on the previous page.

Job Name:	Model Numbers:
Job Number:	

Lutron Dashboard

The Lutron Dashboard is a browser-based facility operations and improvement tool that empowers facility and space managers to maximize their efficiency via Internet connected systems or locally hosted servers. The full list of specifications and features can be found in the Lutron Dashboard specification submittal (P/N 3691245): https://assets.lutron.com/a/documents/3691245_eng.pdf

Lutron Designer

Lutron Designer is the facility manager's operation tool when the system is offline. It provides core functionality to keep the building running such as diagnostic information and control/editing. It can be used by a facilities team that have a system online as well.

Specifications

- Hardware requirements:
 - Windows 10 or Windows 11 or Windows Server 2016 or newer
 - Core i5 at 2.67 GHz or better
 - 8 GB of RAM or more
 - 4 GB of disk space for software and the installation process (an SSD will increase performance)
 - 1920 x 1080 or higher-resolution monitor
- Requires training from Lutron. There are 3 forms:
 - Online self-paced
 - In-person classroom (training offerings vary by region)
 - Customized in-person (contact Lutron services for details)

Features

- View diagnostics of loads, shades, QS devices, sensors, CCX loads
- View system activity log to understand what has happened in a space
- Live editing of levels for lights and shades
- Create/edit/delete timeclock events
- Define occupancy and daylight settings to change lights or leave them unaffected
- Push firmware updates to the system
- Features requiring in-person classroom training
 - Moving, splitting, and combing areas
 - Re-zoning lights within an area
 - Replacing and addressing devices

Job Name:	Model Numbers:
Job Number:	

Security Statement

Lutron takes Cybersecurity very seriously. We vigorously monitor the threat landscape and take a proactive approach to security and privacy, continuously working to update and enhance our systems and processes.

At Lutron, we call our approach to cyber security “**Secure Lifecycle**,” and we would like to present the following steps we take to protect your security and privacy:

- **Security by Design.** When building a new system, Lutron utilizes a dedicated security team to ensure best practices are implemented. Security is built in. It is not an afterthought or add-on.
- **Third-Party Validation.** Security is complicated. Lutron has a dedicated team of internal experts, we also leverage external experts to double- and triple-check our work and make security recommendations.
- **Continuous Monitoring and Improvements.** Security is a constantly moving target. Lutron uses a dedicated security team to continuously monitor the market for potential threats and, when needed, send out security patches to update installed systems.
- **Ongoing Support.** Lutron has the resources you need to answer questions about security when they arise.

We incorporate a variety of security features into our product designs. These features include recommendations from the National Institute of Standards and Technology (NIST) among others, and they are aimed at meeting our Secure Lifecycle protections. While we do not publish a comprehensive list of our security features, the following list is a small example of some of the techniques employed in our system design for Lutron Athena processors and associated services (such as mobile applications and cloud resources):

1. Secure and authenticated system-server or system-cloud communication with unique keys for every system.
2. A secure hardware element (“chip”) on all processors to guard the keys used for secure communication and authentication.
3. Enforcing industry-standard encrypted communication and techniques for our integration protocols to the highest extent possible. Any integrated third-party components or systems should be evaluated independently.
4. Secure commissioning – all communication between the system programming software tool/app and the processors is encrypted and authenticated. Programming a system requires permission to access that system.
5. Lutron is committed to one year of security support from system start-up date. See lutron.com/security for updated details on support periods. Internet-connected systems can be configured to update automatically.
6. Use of industry-standard techniques for identity-based integrations, such as OAuth2.0.
7. Signed processor firmware to ensure a firmware update is authentically from Lutron.

If you have additional questions, feel free to reach out via our 24/7 Technical Support line at 1.844.LUTRON1 (U.S.A and Canada) or +44.020.7702.0657 (UK and Europe) or email at support@lutron.com (U.S.A and Canada) or at eatechnicalsupport@lutron.com (UK and Europe).

SOC2 report available upon request.

Job Name: Job Number:	Model Numbers:
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Compatible Products: North America (120 V~ & 434 MHz Regions)

Load Controls

- QSN-4T5-120-D
- QSN-2DALUNV-D
- QSN-1DALUNV-D
- QSN-2DALUNV-S
- QSN-4S8-120-D
- QSN-4A5-S
- QSN-4A5-D
- QSN-2ECO-120-D
- QSN-4S16-S
- QSN-4T16-S
- QSN-2ECO-S
- QSE-CI-DMX
- QSN2-4T20-S
- QSN2-4T16-S-347
- QSN2-4S20-S
- QSN2-2ECO-S
- QSN-4T20-D
- QSN-4S20-D
- A-WN-D01-RF-*
- A-WN-D01-OCC-*
- CM-MWCL-WH

Wall Controls

- PJ2-*
- PX-*
- QSWA-*
- QSWAS-*
- QSWE-*
- QSWS2-*
- QSWS2-KS-*
- QWP-*
- Q-TOUCH5-WH
- QSGR-*
- ARST-*

Shades

- Contract Roller QS Wired Shades
- Sivoia QS Wired Shades
- Palladiom Wired Shades
- QS Drapery Track

Sensors

- GRX-IRPS
- EC-DIR*
- GRX-CES*
- LOS-*
- LRF2-OCR2B*
- LRF2-DCRB*
- LUT-WS*
- QSM2-*
- RMJS-OT-DV
- RMJS-DT-DV
- RMJS-DT-DV-PKG

Accessories

- LUT-19AV-1U
- LUT-5x10-ENC
- LFG*
- LTR-*
- LPFP-*
- L-PED*
- PICO-*
- LUT-LTE-1**
- L-SHMT-WH
- UA-CS-LX
- Q-POE-PNL
- Q-POE-PNL-EM
- LU-CK1-*
- LU-SR1-*
- LU-SR2-*
- LU-SR3-*
- LU-45S-*
- LU-45T-*
- LU-RR1-*
- LU-MI1-*

* Designates additional model number characters that may vary depending on the specific model chosen.

** Only available in USA and Canada.

Job Name:	Model Numbers:
Job Number:	

Compatible Products: North America (120 V~ & 434 MHz Regions) (cont.)

Emergency

- LUT-ELI-3PH (for certain loads/accessories, refer to spec sheets for details)
- LUT-SHUNT-A-TD (for Ketra and Rania loads)
- LUT-SHUNT-A-TD-5 (for AWN loads)

Power Supplies

- QSPS-*
- L-POEI-BL

Cable

- QS-CBL-*
- GRX-CBL-*
- GRX-PCBL-*
- LU-WK1-*

Processors

- QP5-*L-POE
- QP5-*L-POE-EM
- QP6-1L-POE
- A-RF2
- Q-RF
- QP-*L
- QP-2L-UPGRADE

Lighting

- CM-A20*
- CM-S30*
- CM-S38*
- CM-D2*
- CM-D3*
- CM-D4R*
- CM-LS0*
- CM-X96*
- CM-G2*
- CM-N3*
- CM-L3I*
- CM-L4R*
- LU-T05-*
- LU-T10-*
- LU-T30-*

Power Interfaces

- TVI-LMF-2A
- C5-*
- PHPM-*
- GRX-TVI
- LU-PH3-*

Integration Interfaces

- LUT-Q-OPNADR-CPN8589
- QSE-CI-NWK-E
- QSE-IO
- QSE-CI-WCI

* Designates additional model number characters that may vary depending on the specific model chosen.

Job Name:	Model Numbers:
Job Number:	

Compatible Products: 220–240 V~ Regions

Load Controls

- QSNE-4A5-230-D
- QSNE-4T10-230-D
- QSN-2DALUNV-D
- QSN-1DALUNV-D
- QSE-CI-4M-D
- QSNE-4S5-230-D
- QSE-CI-DMX
- A-WN-E01-RF*¹
- A-WN-E01-OCC*¹
- CME-MWCL-WH

Wall Controls

- Pxy-*
- PX-*
- QSWA-*
- QSWAS-*
- QSWE-*
- QSWS2-*
- QSWS2-KS-*
- QWP-*
- Q-TOUCH5-WH
- QSGR-*

Shades

- Sivoia QS Wired Shades
- Palladiom Wired Shades
- QS Drapery Track

Sensors

- GRX-IRPS
- EC-DIR*
- GRX CES*
- LOS-*
- LRFx OCR2B*
- LRFx-DCRB*
- LUT-WS*
- QSMx-*

Accessories

- LUT-19AV-1U
- LUT-5x10-ENC
- LFG*
- LTR-*
- LPFP-*
- L-PED*
- PICO-*
- UA-CS-LX
- Q-POE-PNL
- LU-CK1-*
- LU-SR1-*
- LU-SR2-*
- LU-SR3-*
- LU-45S-*
- LU-45T-*
- LU-RR1-*
- LU-MI1-*

Power Interfaces

- C5-*
- LU-PH3-B-E

Integration Interfaces

- QSE-CI-NWK-E
- QSE-IO
- QSE-CI-WCI

Emergency

- LUT-ELI-3PH (for QSN-* load control panels)

* Designates additional model number characters that may vary depending on the specific model chosen.

NOTE: Models with a lowercase "x" or "y" contain region specific RF codes.

¹ Not available in all regions. Contact Lutron for availability.

Job Name:	Model Numbers:
Job Number:	

Compatible Products: 220–240 V~ Regions (cont.)

Power Supplies

- QSPS-*
- L-POEI-BL

Cable

- QS-CBL-*
- GRX-CBL-*
- GRX-PCBL-*
- LU-WK1-*

Processors

- QP-*L
- QP-2L-UPGRADE
- AKE-RF2¹
- QE-RF¹

Lighting

- LU-T05-*
- LU-T30-*
- OL-ST-*
- OL-TW-*

* Designates additional model number characters that may vary depending on the specific model chosen.

NOTE: Models with a lowercase "x" or "y" contain region specific RF codes.

¹ Not available in all regions. Contact Lutron for availability.

Job Name:	Model Numbers:
Job Number:	

Compatible Products: Japan (100 V~)

Load Controls

- QSN-2DALUNV-D
- QSN-2ECO-S
- QSE-CI-DMX
- QSN-4T20-D
- Custom Combination Panel (CCP) with Legacy Panel Interface

Wall Controls

- PP-*
- QSWS2-*
- QSWS2-KS-*
- QWP-*

Shades

- Contract Roller QS Wired Shades
- Sivoia QS Wired Shades

Sensors

- GRX-IRPS
- EC-DIR*
- LOS-*
- LRF6-OCR2B*
- LRF6-DCRB*
- QSM6-*

Accessories

- LUT-19AV-1U
- LUT-5x10-ENC
- LPFP-*
- L-PED*
- PICO-*

Power Interfaces

- PHPM-*
- GRX-PWM

Integration Interfaces

- QSE-CI-NWK-E
- QSE-IO
- QSE-CI-WCI

Power Supplies

- QSPS-*

Cable

- GRX-CBL-*

Processors

- QP5-^{*}L-POE
- QP5-^{*}L-POE-EM
- QP6-1L

* Designates additional model number characters that may vary depending on the specific model chosen.

Job Name:	Model Numbers:
Job Number:	

Related Links

- **Athena API Integration Specification (3691208):** https://assets.lutron.com/a/documents/athena_api_spec.pdf
- **Athena O&M Manual (040467):** <https://assets.lutron.com/a/documents/040467.pdf>
- **Commercial IT Implementation Guide (040453):** https://assets.lutron.com/a/documents/040453_eng.pdf
- **Athena BACnet PICS (3691196):** <https://assets.lutron.com/a/documents/3691196.pdf>
- **Athena System Components website:** <https://www.lutron.com/AthenaSpecs>
 - Includes product specification submittals, installation guides, application notes, CSI performance specification, product images, etc.
- **Emergency Lighting Application Note #106 (048106):** <https://assets.lutron.com/a/documents/apnote106.pdf>

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Job Name:	Model Numbers:
Job Number:	