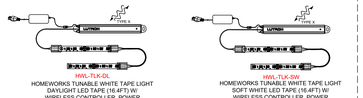
TYPICAL LUMARIS TAPELIGHT
(SEE SPEC SHEET FOR ADDITIONAL PURCHASING OPTIONS)



HWL-TLK-DL
HOMEWORKS TUNABLE WHITE TAPE LIGHT
DAYLIGHT LED TAPE (16.4FT) W/
WIRELESS CONTROLLER, POWER
SUPPLY & 10FT CONDUCTOR CABLE
LOCATION TBD

HWL-TLK-SW
HOMEWORKS TUNABLE WHITE TAPE LIGHT
SOFT WHITE LED TAPE (16.4FT) W/
WIRELESS CONTROLLER, POWER
SUPPLY & 10FT CONDUCTOR CABLE
LOCATION TBD

TYPICAL DOWNLIGHTS
SEE SPEC SHEETS FOR OPTIONS

CM-D3XXXXXGTXXXXXNCICXSP
120/277V~, 60Hz
KETRA D3 SERIES DOWNLIGHT
WITH TRIM MODEL:
UN-D3TXXXXXXX
LOCATION TBD

CM-D4RFXRDXXXGTXX11XXXXXXXXSP
120/~, 60Hz
KETRA RETROFIT DOWNLIGHT
LOCATION TBD

TYPICAL PAR LAMPS
SEE SPEC SHEETS FOR OPTIONS

CM-S30XXGTRL11E26XX
120/~, 60Hz
KETRA S SERIES PAR30 LAMP
LOCATION TBD

CM-S38XXGTRX11E26XX
120/~, 60Hz
KETRA S SERIES PAR38 LAMP
LOCATION TBD

TYPICAL A-LAMP
SEE SPEC SHEET FOR OPTIONS

CM-A20XXGTXX11E26XX
120/~, 60Hz
KETRA A SERIES LAMP
LOCATION TBD

TYPICAL PAR LAMPS
SEE SPEC SHEETS FOR OPTIONS

CM-S30XXGTXXX11E26XX
120/~, 60Hz
RANIA S SERIES PAR30 LAMP
LOCATION TBD

CM-S38XXGTXXX11E26XX
120/~, 60Hz
RANIA S SERIES PAR38 LAMP
LOCATION TBD

TYPICAL A-LAMP
SEE SPEC SHEET FOR OPTIONS

CM-A20XXGTXX11E26XX
120/~, 60Hz
RANIA A SERIES LAMP
LOCATION TBD

EQUIPMENT REQUIRED FOR INTEGRATION WITH HOTEL SYSTEMS
ONE PER HOTEL REQUIRED

TO HOTEL SERVICE MANAGEMENT SYSTEM - SMS (BY OTHERS)

TO PROPERTY MANAGEMENT SYSTEM - PMS (BY OTHERS)

TO DOOR LOCK SYSTEM/ CELS- CENTRAL ELECTRONIC LOCKING SYSTEM (BY OTHERS)

NOTE:
REFERENCE SPEC SHEET FOR COMPLETE LIST OF AVAILABLE INTEGRATIONS

MC-HLC
MYROOM XC GUESTROOM INTEGRATION APPLIANCE FOR INTEGRATION WITH PMS, CELS & SMS SYSTEMS
DIMENSIONS:
3.94" [100mm] (H) X 4.25" [108mm] (W) X 2.36" [60.5mm] (D)
LOCATION TBD

HOTEL BUILDING NETWORK
ALL NETWORK ARCHITECTURE AND SETUP MUST BE COORDINATED THROUGH THE END USER'S IT GROUP/CONSULTANT AND MAY REQUIRE ADDITIONAL STARTUP TIME AND EXPENSE.
SEE THE LUTRON IT GUIDE P/N 040403 AT WWW.LUTRON.COM FOR DETAILS.

NOTE
3RD PARTY API INTEGRATION FOR GUESTROOM CONTROL, CONTACT LUTRON FOR MORE DETAILS
(MYROOM XC HOTEL API SPEC 040-3307)

IN ROOM TABLET/APP

TO BACNET BUILDING MANAGEMENT NETWORK (BY OTHERS)

LMRXC-BAC-PR - BACNET SOFTWARE LICENSE

- LICENSE FOR BACNET ENABLES A THIRD-PARTY HOSPITALITY BUILDING MANAGEMENT SYSTEM TO CONTROL, MONITOR, AND MANAGE LIGHTS, SHADES, DEVICES, AND HVAC.

- ONE LICENSE REQUIRED FOR EACH GUEST ROOM.

CUSTOMER SUPPLIED INTERNET

NOTE: AN OUTBOUND INTERNET CONNECTION FROM THE LUTRON MYROOM XC SYSTEM IS REQUIRED FOR LUTRON APP & LUTRON DASHBOARD FUNCTIONALITY.

LUTRON CLOUD CONNECTION (REQUIRES INTERNET CONNECTION)

SMARTPHONE
(PROVIDED BY CUSTOMER)
CONNECTS TO LUTRON MYROOM XC SYSTEM VIA DOWNLOADABLE LUTRON APP

LUTRON DASHBOARD
LUTRON CLOUD DASHBOARD (COMPUTER / TABLET PROVIDED BY CUSTOMER)
CONNECTS TO LUTRON MYROOM XC SYSTEM VIA BROWSER
REQUIRES INTERNET

L-POE16L
POE INJECTOR WITH U.S. CLIP
INCLUDED IN R8-PROCI-KIT
INCLUDES 2 ETHERNET CABLES
(3 FT & 6 FT WITH DOWN ANGLE)
3.39"(H) X 1.98"(W) X 1.25"(D)
(86mm(**0.0A.2mm X31.**9mm)
LOCATION TBD

MXCJ-RPJ-2GCU
GUESTROOM WIRELESS PROCESSOR
REQUIRES POWER OVER ETHERNET (POE)
POE SUPPLY SOLD SEPARATELY
SEE SPEC SHEET FOR RANGE LIMITATIONS & AVAILABLE MOUNTING CONDITIONS
DIMENSIONS: 4.04"(DIA) X 1.17"(D)
[102.67mm X 29.82mm]
LOCATION TBD

SUNNATA RF HYBRID KEYPADS

ARST-HN2B-XX-E
SUNNATA HYBRID KEYPAD
120-277V~, 2-BUTTON KEYPAD
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

ARST-HN3RL-XX-E
SUNNATA HYBRID KEYPAD
120-277V~, 3-BUTTON RAISE/LOWER KEYPAD
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

ARST-HN4B-XX-E
SUNNATA HYBRID KEYPAD
120-277V~, 4-BUTTON KEYPAD
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

SUNNATA RF KEYPADS

ARST-W2B-XX-E
SUNNATA KEYPAD
120-277V~, 2-BUTTON KEYPAD
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

ARST-W3RL-XX-E
SUNNATA KEYPAD
120-277V~, 3-BUTTON RAISE/LOWER KEYPAD
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

ARST-W4B-XX-E
SUNNATA KEYPAD
120-277V~, 4-BUTTON KEYPAD
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

SUNNATA LOCAL CONTROLS

ARST-PRO-N-XX
SUNNATA LOCAL DIMMER
120-277V~, PADDLE KEYPAD
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

ARST-8ANS-XX
SUNNATA LOCAL SWITCH
120-277V~, PADDLE KEYPAD
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

ARST-RS-XX
SUNNATA COMPANION SWITCH
120-277V~, 4-BUTTON KEYPAD
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

ARST-ANF-XX
SUNNATA FAN CONTROL
120V~, 1.5A MAX, AC INDUCTIVE FAN ONLY
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

OPTIONAL RECEPTACLE CONTROL FOR SWITCHED, PLUG-IN LIGHTING LOADS

OUTPUT FROM MQSE SWITCHING MODULE

NTR-15-HDTR-WH
15A TAMPER RESISTANT
125V~ DUPLEX RECEPTACLE
FOR DIMMING ONE CONNECTED LOAD
REQUIRES (1) RP-FDU-10-WH
LOCATION TBD

OPTIONAL RECEPTACLE CONTROL FOR DIMMABLE, PLUG-IN LIGHTING LOADS

OUTPUT FROM MQSE PHASE-ADAPTIVE MODULE

NTR-15-HDTR-WH
15A TAMPER RESISTANT
125V~ DUPLEX RECEPTACLE
FOR DIMMING ONE CONNECTED LOAD
REQUIRES (1) RP-FDU-10-WH
LOCATION TBD

OPTIONAL INTERFACE FOR HIGH WATTAGE, NON-DIM LOADS

OUTPUT FROM MQSE SWITCHING MODULE

120V CONTROL INPUT ONLY

ZONE # NON-DIM

PHPM-SW-DV-WH
16A SWITCHING POWER MODULE
SWITCHES 120V OR 277V LOADS
ACCEPTS 120V CONTROL SIGNAL ONLY
DIMENSIONS:
5.1"(H) X 6.3"(W) X 1.6"(D)

OPTIONAL INTERFACE FOR HIGH WATTAGE, DIMMABLE LOADS

OUTPUT FROM MQSE PHASE-ADAPTIVE MODULE

120V CONTROL INPUT ONLY

ZONE #

PHPM-PA-DV-WH
PHASE-ADAPTIVE POWER MODULE
DIMS 120V OR 277V LOADS
ACCEPTS 120V CONTROL SIGNAL ONLY
DIMENSIONS:
5.1"(H) X 6.3"(W) X 1.6"(D)

OPTIONAL INTERFACE FOR 0-10V DIMMING

OUTPUT FROM MQSE PHASE-ADAPTIVE MODULE

ZONE: (SWITCHED POWER)

(0-10V DIM)

GRX-TVI
0-10V BALLAST INTERFACE
12.5"(318mm) (H) x 6.1"(155mm) (W)
X 3.3"(84mm) (D)

OPTIONAL POWER SUPPLY

TO QS DEVICES AS REQUIRED

QSPS-DH-1-75(-H)
QS LINK POWER SUPPLY
DIMENSIONS:
3.54" [90mm] (H) X 3.54" [90mm] (W)
X 2.40" [61mm] (D)

OPTIONAL TWO-LINK MYROOM PROCESSOR

MP-2L-2CU
MYROOM XC GUESTROOM PROCESSOR
WITH 2 QS LINKS
DIMENSIONS:
3.94" [100mm] (H) X 4.25" [108mm] (W)
X 2.38" [60.5mm] (D)

LOCATION TBD

OPTIONAL CORRIDOR SIGN & DOOR CHIME PROVIDED BY E.C.

(CCI)

(CCO)

CORRIDOR SIGN
DOOR BELL BUTTON
MUR INDICATOR
DND INDICATOR
(PROVIDED BY E.C. - SUGGEST E-SWITCH PV4FB2BSSG-3RS AND PVP4WV33 WIRE HARNESS

DOOR CHIME
(PROVIDED BY E.C. - SUGGEST ATW PC-200 12-24V DOOR CHIME)

TO QSE-IO

* REFER TO APPLICATION NOTE #735 FOR MORE INFORMATION

NOTE: WINDOW/BALCONY DOOR CONTACTS TO BE WIRED IN SERIES FOR EACH SEPARATE HVAC ZONE.

(CCI)

ENTRY DOOR CONTACT
(PROVIDED BY E.C.)

(CCI)

BALCONY DOOR CONTACT
(PROVIDED BY E.C.)

(CCO)

CONTACTOR RELAY*
(PROVIDED BY E.C.)
FOR CONTROL OF RECEPTACLES

* REFER TO APPLICATION NOTE #434 FOR MORE INFORMATION

DALI DIGITAL LOOP #1

ZONE X 0-10V

ZONE TBD FIXTURE TBD NON-DIM (1A MAX)

ZONE TBD FIXTURE TBD INC, HAL, MLV OR ELV (1A MAX)

MQSPS-DH-1-30
QS LINK POWER SUPPLY
DIMENSIONS:
3.54" [90mm] (H) X 3.54" [90mm] (W)
X 2.40" [61mm] (D)
WITH OPTIONAL WIRING HARNESS:
PDW-PS-1

MP-1L-QCU
MYROOM XC GUESTROOM PROCESSOR WITH 1 QS LINK
DIMENSIONS:
3.94" [100mm] (H) X 4.25" [108mm] (W)
X 2.38" [60.5mm] (D)

LOCATION TBD

10 ft (3.05 m) CONDUCTOR

TO EQUIPMENT BY OTHERS

QS6-IO
CONTACT-CLOSURE INTERFACE

LOCATION TBD

LOW VOLTAGE COMPONENTS

(ENCLOSURE BY LUTRON OR E.C. - FOR LUTRON ENCLOSURE OPTION, SEE LV16-120 SPEC SUBMITTAL SHEET FOR ADDITIONAL INFORMATION)

NOTE: QSDP DALI MODULE SHOWN FOR INTENT PURPOSES ONLY. (ADDITIONAL MODEL AVAILABLE FOR 2 LOOP OPTION.)

NOTE: 2 CCFW SWITCHING MODULE SHOWN FOR INTENT PURPOSES ONLY. (ADDITIONAL MODELS AVAILABLE FOR 2 OR 3 ZONE OPTIONS.)

NOTE: 2 CCFW DIMMING MODULE SHOWN FOR INTENT PURPOSES ONLY. (ADDITIONAL MODELS AVAILABLE FOR 2 OR 3 ZONE OPTIONS.)

120-240 V CONTROL POWER INPUT

QSN-1DALUNV-D
120/220-240V~, 50/60 Hz
QS DALI-2 POWER MODULE
(1) DALI BUS, 250mA MAX PER BUS
UP TO 64 HOMEWORKS DIGITAL LOADS
DIN RAIL MOUNTED
WITH PROGRAMMABLE CO
3.50" (H) X 6.375" (W) X 2.375" (D)
(89.7mm X 161.7mm X 60.6mm)

120V CONTROL POWER INPUT

QSN-4TS-120-D
0-10V DIN POWER MODULE
(4) SWITCHED OUTPUTS, (4) 0-10V CHANNELS
5A MAX PER OUTPUT, 16A MAX PER POWER MODULE
ONLY COMPATIBLE WITH ATHENA PROCESSORS
3.53"(H) X 6.37"(W) x 2.38"(D)
(89.7mm X 161.7mm X 60.6mm)
LOCATION TBD

120-240 V CONTROL POWER INPUT

MQSE-4S1-D
HOSPITALITY
SWITCHING POWER MODULE
(4) SWITCHED OUTPUTS, 1A PER OUTPUT
WITH (1) CONTACT CLOSURE INPUT
AND (1) CONTACT CLOSURE OUTPUT
DIN RAIL MOUNTED
3.5"(H) X 8.38"(W) X 3.38"(D)
(89.7mm X 161.7mm X 60.6mm)
LOCATION TBD

120-240 V CONTROL POWER INPUT

MQSE-4A1-D
HOSPITALITY
PHASE ADAPTIVE DIMMING MODULE
(4) DIMMED OUTPUTS, 1A PER OUTPUT
DIN RAIL MOUNTED
3.5"(H) X 8.38"(W) X 3.38"(D)
(89.7mm X 161.7mm X 60.6mm)
LOCATION TBD

DIN-RAIL POWER MODULES

(ENCLOSURE BY LUTRON OR E.C. - FOR LUTRON ENCLOSURE OPTION, SEE PD4-16-F SPEC SUBMITTAL SHEET FOR ADDITIONAL INFORMATION)

FAN COIL UNIT CONTROL BOARD

SMCS3-MYRM
FAN COIL UNIT CONTROLLER
(DIN RAIL MOUNTED IN ENCLOSURE BY LUTRON OR BY OTHERS)
INCLUDES 5 RELAY OUTPUT CONTROL SIGNALS
3-SPEED FAN CONTROL, CALL FOR HEAT, CALL FOR COOLING.
ADDITIONAL/DIFFERENT PRODUCT REQUIRED FOR ADDITIONAL CONTROL SIGNALS
2.75"(70mm) (W) X 3.4"(87mm) (H) X 2.4"(62mm) (D)

NOTE:
COMPATIBILITY OF THERMOSTAT WITH HVAC SYSTEM MUST BE REVIEWED AND VERIFIED BY THE SPECIFYING ENGINEER PRIOR TO RELEASE OF EQUIPMENT PRICE, FUNCTIONALITY, & AVAILABILITY SUBJECT TO CHANGE PENDING REVIEW. REFER TO SPECIFICATION SUBMITTALS FOR MORE INFORMATION.

MWP-T-DWP-WH-A
PALLADIOM THERMOSTAT DISPLAY
w/ INTEGRATED PIR OCC SENSOR, TEMPERATURE SENSOR, AND HUMIDITY SENSOR
DIMENSIONS:
4" [102MM] (W) x 3.7" [94MM] (H) x 1.1" [28MM] (D)
(REQUIRES SQUARE 2.75" BACKBOX, LUTRON PART # EBB-1-SQ)
LOCATION TBD

TO ADDITIONAL QS DEVICES AS REQ'D.

TYPICAL 4 BUTTON PRE-ENGRAVED HOSPITALITY WIRELESS PICO KEYPAD
(SEE SPEC SUBMITTAL SHEET FOR ADD'L ENGRAVINGS & COLORS)

P-2-4B-T5W-H06
434 MHZ PICO WIRELESS
4 BUTTON CONTROL
SHOWN WITH CW-1-WH
CLARO WALLPLATE
*SEE SPECIFICATION SHEET FOR DIMENSIONS & MOUNTING INSTRUCTIONS
LOCATION TBD

TYPICAL 2 BUTTON PRE-ENGRAVED HOSPITALITY WIRELESS PICO KEYPAD
(SEE SPEC SUBMITTAL SHEET FOR ADD'L ENGRAVINGS & COLORS)

P-2-2B-T5W-H02
434 MHZ PICO WIRELESS
2 BUTTON CONTROL
SHOWN WITH CW-1-WH
CLARO WALLPLATE
*SEE SPECIFICATION SHEET FOR DIMENSIONS & MOUNTING INSTRUCTIONS
LOCATION TBD

TYPICAL WIRELESS OCCUPANCY SENSOR
(SEE SPEC SUBMITTAL SHEETS FOR ADDITIONAL MOUNTING AND/OR VACANCY OPTIONS)

LRF2-OCR2B-P-WH
434MHZ WIRELESS
OCCUPANCY/VACANCY SENSOR
3.57"[90.7mm] (DIA) X 1.13"[28.7mm] (D)
MAX 10 PER QSM
*DEVICE IS SURFACE-MOUNTED AND BATTERY POWERED; DOES NOT REQUIRE POWER FEED

LOCATION TBD
(OPTION WITH L-CRMK-WH RECESS MOUNT KIT FOR NON-METALLIC CEILINGS)

MAX OF (4) SENSORS PER QSM

TO WIRED SENSOR

QSM2-4W-C
QS SENSOR MODULE (QSM)
WITH (4) UNIVERSAL WIRED INPUTS
AND 434MHZ WIRELESS RECEIVER
60'(18.29m) RADIUS RF COVERAGE
(30'(9.14m) THROUGH WALLS)
4.04"(102.6mm) (DIA) X 1.17"(29.7mm) (D)
LOCATION TBD

TYPICAL WIRED OCCUPANCY SENSOR
(SEE SPEC SUBMITTAL SHEETS FOR ADDITIONAL MOUNTING OPTIONS)

TO QSM

LOS-4W-WW-WH
CEILING MOUNT
OCCUPANCY SENSOR
4.5"[114mm] (DIA) X 1.4"[35.6mm] (D)
LOCATION TBD

WIRELESS CONTROL OPTIONS

LUTRON PRIVACY PICO

QSWP-OM-XXX
PICO PRIVACY CONTROL
CONTROL DIMENSIONS:
89mm[3.49"] (H) X 89mm[3.49"] (W) X 10mm[0.38"] (D)

(SHOWN MOUNTED IN WALLPLATE/WALLPLATE ADAPTER KIT, SOLD SEPARATELY)

LOCATION TBD

LUTRON CORRIDOR SIGN

QSWP-CP-XXX
PICO CORRIDOR CONTROL
CONTROL DIMENSIONS:
89mm[3.49"] (H) X 89mm[3.49"] (W) X 10mm[0.38"] (D)

(SHOWN MOUNTED IN WALLPLATE/WALLPLATE ADAPTER KIT, SOLD SEPARATELY)

LOCATION TBD

TYPICAL PALLADIOM KEYPAD
(SEE SPEC SUBMITTAL SHEET FOR ADDITIONAL BUTTON CONFIGURATIONS, STYLES, AND AVAILABLE FINISHES)

MWP-U-4W-WH
4-BUTTON
PALLADIOM WALLSTATION
(1 GANG US BACKBOX PROVIDED BY E.C.)

LOCATION TBD

TYPICAL SEETOUCH KEYPAD
(SEE SPEC SUBMITTAL SHEET FOR ADDITIONAL BUTTON CONFIGURATIONS, STYLES, AND AVAILABLE FINISHES)

QSWS2-5BRL-N-WH
5-BUTTON SCENE
SELECT WITH RAISE/LOWER
(1 GANG US BACKBOX PROVIDED BY E.C.)

LOCATION TBD

WIRED QS CONTROL OPTIONS

WIRED SHADE OPTIONS

(Angle 180 Applies Horizontal)

TO SHADE DRIVE

QSPS-P1-1-35V
QS LINK POWER SUPPLY
4"[103mm] (H) X 2.75"[70mm] (W) X 1.25"[32mm] (D)
LOCATION TBD

FROM POWER SUPPLY

SIVOIA QS EDU
ELECTRONIC DRIVE UNIT

LOCATION TBD

FROM POWER SUPPLY

ALENA QS
QUIET DRAPERY TRACK SYSTEM
w/ PULL-TO-START TECHNOLOGY
(REQUIRES POWER SUPPLY)

LOCATION TBD

FROM POWER SUPPLY

SIVOIA QS
QUIET DRAPERY TRACK SYSTEM

LOCATION TBD

SHADE OPTIONS

WIRING LEGEND:

△Q QS CONTROL LINK (SEE WIRE DESCRIPTION BELOW)

▲Q QS CONTROL LINK (SEE WIRE DESCRIPTION BELOW)
(CONNECT WIRES 1, 3 AND 4. DO NOT CONNECT WIRE # 2)

▲T THERMOSTAT CONTROL LINK (SEE WIRE DESCRIPTION BELOW)
(CONNECT WIRES 1, 3 AND 4. DO NOT CONNECT WIRE # 2.)

WIRING AS REQUIRED BY CONTROL LINK LENGTH (△Q & ▲Q).
(REFER TO QS SMART PANEL POWER SUPPLY WIRING GUIDE FOR SHADE WIRING NOTES)

TOTAL CONTROL LINK LENGTH	WIRE GUAGE	AVAILABLE FROM LUTRON IN ONE CABLE:
LESS THAN 500ft (153 m)	POWER (TERMINALS 1&2): 1 PAIR 16 AWG (1.5 mm²)	GRX-CBL-346S OR GRX-PCBL-346S
	DATA (TERMINALS 3&4): 1 PAIR 22 AWG (0.5 mm²), TWISTED AND SHIELDED*	
500ft (153 m) TO 2,000ft (602 m)**	POWER (TERMINALS 1&2): 1 PAIR 12 AWG (4 mm²)	GRX-CBL-46L OR GRX-PCBL-46L
	DATA (TERMINALS 3&4): 1 PAIR 22 AWG (0.5 mm²), TWISTED AND SHIELDED*	

*ALTERNATE DATA-ONLY CABLE: USE APPROVED DATA LINK CABLE (22 AWG [0.5 mm²] TWISTED/SHIELDED) FROM BELDEN (MODEL # 9461).

**TOTAL LENGTH OF THE QS LINK MUST NOT EXCEED 2,000 ft (600 m).

◁S

QS INDIVIDUAL POWER SUPPLY (QSPS-PX-1-50 OR QSPS-J-1-50) SHADE WIRING GUIDE				
MAXIMUM DEVICES PER ONE OUTPUT		MAXIMUM DISTANCE PER ONE OUTPUT BASED ON WIRE GAUGE		
SHADES + CONTROLS		12 AWG (4 mm²) GRX-CBL-L-500 GRX-CBLP-L-500	16 AWG (1.5 mm²) GRX-CBL-M-500 GRX-CBLP-M-500	18 AWG (1.0 mm²) GRX-CBL-346S-500
1 SIVOIA QS SHADE OR DRAPERY	UP TO 1 POWER DRAIN UNIT	250 ft (76 m)	100 ft (30 m)	50 ft (15 m)

◪ INPUT POWER (NORMAL-EMERGENCY)

□ INPUT POWER (NORMAL)

● 2 #12AWG (4 mm²)

○ 3 #12AWG (4 mm²)

◆ 0-10V SIGNAL: 2 #18AWG (1.0 mm²)

◇ ECOSYSTEM BUS/LOOP: LUTRON CABLE C-CBL-216-GR-1 (2 #16 CONDUCTOR NON-PLENUM) OR C-PCBL-216-CL-1 (2 #16 CONDUCTOR PLENUM RATED). OTHERWISE USE 2 #16 AWG (1.5 mm²) BY OTHERS.

1-WAY RF COMMUNICATION

2-WAY RF COMMUNICATION

2 #18AWG (1.0 mm²)

3 #18AWG (1.0 mm²)

DMX CONTROL

CAT5E OR BETTER CABLE FOR LUTRON CONTROL TERMINATED WITH RJ45 CONNECTORS. (TO BE PROVIDED PROVIDED BY E.C.) 328 ft (100 m) MAXIMUM RUN.

CONCEPT DRAWING NOTES:
CONTROL SYSTEM DRAWING IS PROVIDED FOR CONCEPTUAL PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION. EXACT EQUIPMENT REQUIREMENTS, INCLUDING LOCATIONS AND QUANTITIES, SHOULD BE VERIFIED IN ACCORDANCE WITH THE MOST UP-TO-DATE LIGHTING, ELECTRICAL, REFLECTED CEILING PLANS, LIGHTING FIXTURE SCHEDULES, PANEL SCHEDULES, CONTROL INTENT AND SPECIFICATIONS. SHADE EQUIPMENT SHOULD BE VERIFIED IN ACCORDANCE WITH ARCHITECTURAL PLANS, SPECIFICATIONS AND WINDOW SCHEDULES/DETAILS.

WIRING NOTES:

MYROOM XC QS LINK RULES - 1 LINK PROCESSOR

THE FOLLOWING LINK RULES MUST BE OBSERVED FOR PROPER OPERATION:

- 1 QS LINK
- 50 QS DEVICES PER QS LINK
- 50 ZONES PER LINK, AND 256 SWITCH LEGS PER LINK. SWITCH LEGS ARE THE SMALLEST CONTROLLABLE OUTPUTS AND INCLUDE:
  - DIMMED OR SWITCHED CIRCUITS
  - DIGITALLY ADDRESSABLE DEVICES (BALLASTS, DRIVERS, AND INTERFACES)
  - A SINGLE DMX CHANNEL
  - CONTACT CLOSURE OUTPUTS
  - SIVOIA® QS SHADE DRIVES
- 50 OCCUPANCY SENSORS, 50 WALL CONTROLS (PICO®, QS KEYPAD, ETC) PER QS LINK
- QS LINK IS TOPOLOGY FREE (CAN BE DAISY-CHAINED, T-TAPPED, STARRED, ETC.)
- MAXIMUM LINK RUN OF 2000 FT (610 M), USING 12 AWG (4.0 MM2) WIRES FOR POWER PAIR

MYROOM XC QS LINK RULES - 2 LINK PROCESSOR

THE FOLLOWING LINK RULES MUST BE OBSERVED FOR PROPER OPERATION:

- 2 QS LINKS
- 99 QS DEVICES PER QS LINK
- 50 ZONES PER LINK, AND 512 SWITCH LEGS PER LINK. SWITCH LEGS ARE THE SMALLEST CONTROLLABLE OUTPUTS AND INCLUDE:
  - DIMMED OR SWITCHED CIRCUITS
  - DIGITALLY ADDRESSABLE DEVICES (BALLASTS, DRIVERS, AND INTERFACES)
  - A SINGLE DMX CHANNEL
  - CONTACT CLOSURE OUTPUTS
  - SIVOIA® QS SHADE DRIVES
- 100 OCCUPANCY SENSORS, 100 WALL CONTROLS (PICO®, QS KEYPAD, ETC) PER QS LINK
- QS LINK IS TOPOLOGY FREE CAN BE DAISY-CHAINED, T-TAPPED, STARRED, ETC.)
- MAXIMUM LINK RUN OF 2000 FT (610 M), USING 12 AWG (4.0 MM2) WIRES FOR POWER PAIR

LED DIMMING REQUIRES AN EXACT MATCH BETWEEN THE LED ARRAY, DRIVER AND CONTROL. LUTRON CANNOT GUARANTEE COMPATIBILITY OR PERFORMANCE WITHOUT TESTING THIS COMBINATION.

TO CONFIRM WHAT PRODUCTS LUTRON HAS AVAILABLE OR WHAT INTERFACES MAY BE REQUIRED, CALL 1-877-DIM-LEDS OR CHECK LUTRON'S PRODUCT COMPATIBILITY MATRIX ON-LINE AT WWW.LUTRON.COM/LED.

TO REQUEST THE TESTING OF AN LED PRODUCT BY LUTRON MANUFACTURERS CAN FILL OUT AN LED EVALUATION REQUEST FORM ON-LINE AT WWW.LUTRON.COM/LED OR CONTACT LEDS@LUTRON.COM.

LUTRON CAN GUARANTEE COMPATIBILITY AND PERFORMANCE OF LUTRON HI-LUME LED DRIVERS USED WITH APPROPRIATE LUTRON CONTROLS. PLEASE REFER TO THE SPECIFICATION SUBMITTAL SHEET FOR FURTHER INFORMATION.

IF USING UNTESTED, NON-LUTRON LED DRIVERS REQUIRING 0-10V CONTROL, PERFORMANCE AND COMPATIBILITY CANNOT BE GUARANTEED BY LUTRON. PRODUCTS FOLLOWING THE IEC STANDARD 60929 ARE MORE LIKELY TO PROVIDE ACCEPTABLE PERFORMANCE RESULTS. DETERMINATION OF RESULT ACCEPTABILITY IS UP TO THE USER'S DISCRETION.

IF USING UNTESTED, NON-LUTRON LED DRIVERS REQUIRING PHASE CONTROL, PERFORMANCE AND COMPATIBILITY CANNOT BE GUARANTEED BY LUTRON. ELV PRODUCTS PROVIDING HIGH-END AND LOW END TRIM ADJUSTMENTS OR LUTRON HI-LUME 1% 2-WIRE DRIVERS ARE MORE LIKELY TO PROVIDE ACCEPTABLE PERFORMANCE RESULTS. DETERMINATION OF RESULT ACCEPTABILITY IS UP TO THE USER'S DISCRETION.

myRoom System Procurement Notes

Lutron's myRoom solution is sold, programmed, and serviced by certified Hospitality Technology Integrators (HTI). Successful delivery of the guestroom control system (GRMS) requires in-depth technical training and significant coordination among the multiple vendors providing hotel systems that interact with the guestroom control system.

These integrators are trained and experienced in managing the design, installation, startup, and servicing of this system. They will supply all Lutron equipment and services required and can typically bundle other non-Lutron components required to complete the solution. The HTI can also integrate the GRMS with other hotel systems including the property management system (PMS) provider, Central Electronic Locking System (CELS) provider, HVAC system provider, IT network infrastructure provider, and other in-room and hotel technology providers. The GRMS must be programmed and tested to an owner/brand-approved sequence of operation to deliver the optimum guest experience. System installation still requires licensed electricians to wire and install light fixtures to Lutron dimming modules. Manufacturer or manufacturer's rep can provide a list of certified Hospitality Technology Integrators (HTI) along with typical scopes of work between HTI, Electrical Contractor, and other trades.

LUTRON NOTES:

ALL DIMMING BALLASTS TO BE LUTRON ECOSYSTEM, ECOSYSTEM H-SERIES, OR HI-LUME 3D TYPE UNLESS OTHERWISE NOTED.
ALL DIMMING DRIVERS TO BE LUTRON ECOSYSTEM DRIVERS. HI-LUME 1%, HI-LUME 1% WITH SOFT-ON, FADE-TO-BLACK, S-SERIES, OR HI-LUME PREMIER 0.1% UNLESS OTHERWISE NOTED.

E.E. TO CONFIRM ALL CIRCUITING REQUIREMENTS.

ARCHITECT TO VERIFY QUANTITY, LOCATION & FINISH OF ALL CONTROLS.

LUTRON FIELD SERVICE COMMISSIONING INCLUDED IN
ALL SYSTEMS INITIATES AN 2 YEAR LIMITED WARRANTY. THE ELECTRICAL CONTRACTOR MUST CONTACT LUTRON (1-844-588-7661) TO SET UP VISIT WITH 10 DAYS NOTICE.

MYROOMXC TYPICAL

LOCATION

CONCEPT DRAWING NOT FOR CONSTRUCTION

Project Number:	
Drawn By:	SJN
Drawing Revision:	1
Drawing Date:	10.14.2025
Sheet:	1 of 1

LUTRON®
Lutron Electronics Co., Inc.
7200 Suter Road | Coopersburg, PA 18036 | USA
(610) 282-3800 | fax: (610) 282-1146