

PRODUCT REFERENCE GUIDE



RadioRA3

 LUTRON

Behind the scenes

The RadioRA 3 system was developed to work in nearly any home, new or existing. Easily install keypads, sensors, lights, fans, thermostats, appliance controls, and shades to create the system that best suits your needs.

RadioRA 3 is compatible with the most common bulb types (LED, halogen, incandescent, and fluorescent) and dimming typologies, including electronic low-voltage and magnetic low-voltage.

Processor

RR-PROC3-KIT1
(includes PoE injector and Ethernet cables)

RR-PROC3-CW
(includes ceiling and wall mounts)



PoE injector
L-POEI-BL (120V)

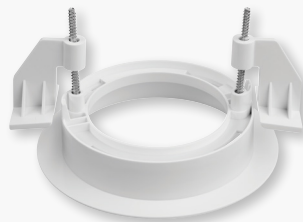


Wireless repeater
L-REPPRO-BL



Shelf-mount

L-SMNT-WH



Ceiling-mount

L-CMNT-WH



J-box-mount

L-JMNT-WH



Auxiliary repeater

RR-AUX-REP-WH



Visor control receiver

RR-VCRX-WH
Easy closed contact integration option

Lumaris tape light solutions

Tunable white tape light components

Buy everything together in a convenient starter kit or order as individual parts.

Starter kits include:

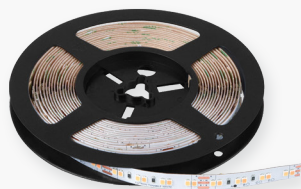
- Tunable white wireless controller with mounting clip
- Tape light (16.4 ft/5 m)
- Plug-in power supply
- 3-pin wire/tape connectors (5)
- 3-conductor cable (10 ft/3 m)
- Wire connectors (3)

Color temperature range:

RRL-TLK-TW-IN

Tunable White (1800k-4000k)

Starter kit components



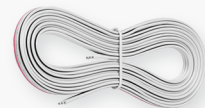
Tunable white tape light



Plug-in power supply



Tunable white wireless controller



3-conductor cable



Mounting clip for controller



3-pin wire/tape connectors



Tape light

LU-T05-TW-IN
(16.4 ft/5m – 1800K-4000K
Tunable white tape light reel)

LU-T30-TW-IN
(98.4 ft/30m – 1800K-4000K
Tunable white tape light reel)



Wireless controllers

RRL-TWC-WH
(Tunable white wireless controller
with plug-in power supply)

RRL-TWCL-DL
(Tunable white wireless controller)



Power supplies

T120-24DC-15
(Plug-in power supply)

LU-PH3-A
(Hard-wired power interface)

Accessories

LU-CK1-TW
3-pin wire/tape connectors (10-pack)

LU-BP1
Barrel-to-terminal adapters (3-pack)

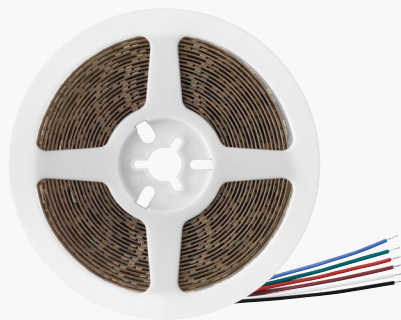
LU-MK1
Mounting clips for tape light (20-pack)

LU-WK1-TW
3-conductor cable (50 ft/15.2 m)



Lumaris tape light solutions

RGB + tunable white tape light components



Tape light

LU-T05-RT-IN
(16.4 ft/5m RGB + tunable white
(1800K-4000K) tape light reel)

LU-T30-RT-IN
(98.4 ft/30m RGB + tunable white
(1800K-4000K) tape light reel)

Accessories

LU-CK1-6W
6-pin wire/tape connectors (10-pack)

LU-WK1-6W
6-conductor cable (50 ft/15.2m)

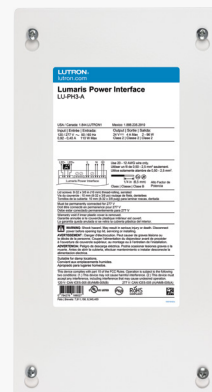
Wireless controller

RRL-MWCL-WH
(Multi-channel wireless controller)



Power supply

LU-PH3-A
(Hard-wired power interface)





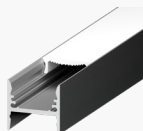
LED tape extrusions

SR1

Luxury diffusion with hidden mounting

LU-SR1-K
(Extrusion bundle)

LU-SR1-ACS
(Accessories pack)



SR2

Classic rectangular surface-mount

LU-SR2-K
(Extrusion bundle)

LU-SR2-ACS
(Accessories pack)



SR3

Thin, low profile surface-mount

LU-SR3-K
(Extrusion bundle)

LU-SR3-ACS
(Accessories pack)



45S

Classic 45° angled surface-mount

LU-45S-K
(Extrusion bundle)

LU-SR4-ACS
(Accessories pack)

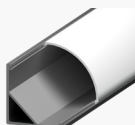


45T

Large 45° with premium diffusion

LU-45T-K
(Extrusion bundle)

LU-45T-ACS
(Accessories pack)

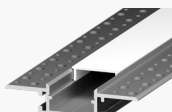


MI1

Mount into drywall for a flush light beam

LU-MI1-K
(Extrusion bundle)

LU-MI1-ACS
(Accessories pack)

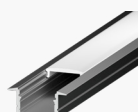


RR1

Recessed mount with a clean finish

LU-RR1-K
(Extrusion bundle)

LU-RR1-ACS
(Accessories pack)



Extrusion bundles include:

- Aluminum extrusion [8 ft (2.44 m)]
- Frosted lens [8 ft (2.44 m)]
- Open end caps (2)
- Closed end caps (2)
- Mounting clips (6)
- Mounting screws (6)

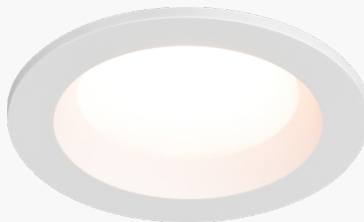
Accessories packs include:

- Open end caps (2)
- Closed end caps (2)
- Mounting clips (6)
- Mounting screws (6)

Lumaris tunable white downlights

Retrofit recessed downlights

Designed for direct installation into standard 4" or 5"/6" cans without special tools, modifications, or rewiring.



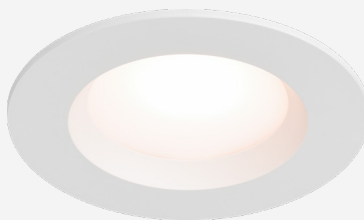
4" Retrofit Recessed Downlight with White Trim

RRL-RD4WH-TW



4" Retrofit Recessed Downlight with Black Trim

RRL-RD4BL-TW



5/6" Retrofit Recessed Downlight with White Trim

RRL-RD6WH-TW



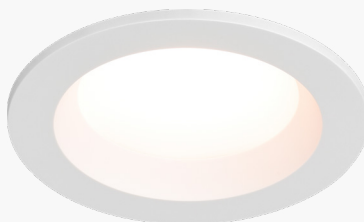
5/6" Retrofit Recessed Downlight with Black Trim

RRL-RD6BL-TW



Remodeler recessed downlights

Made for both renovation and new construction projects in 4" or 6" sizes.



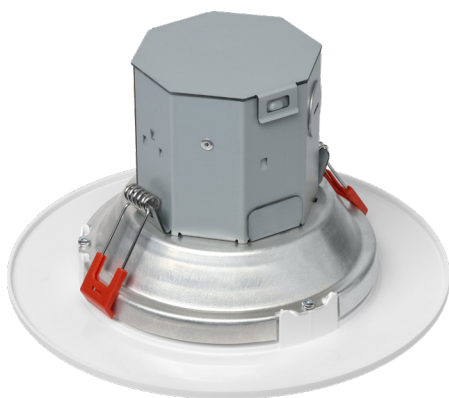
4" Remodeler Recessed Downlight with White Trim

RRL-CD4WH-TW



4" Remodeler Recessed Downlight with Black Trim

RRL-CD4WBL-TW



6" Remodeler Recessed Downlight with White Trim

RRL-CD6WH-TW

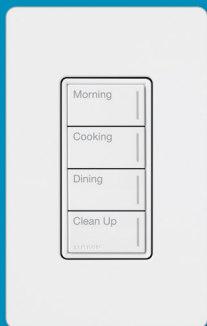


6" Remodeler Recessed Downlight with Black Trim

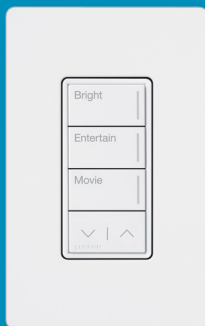
RRL-CD6BL-TW

Keypads

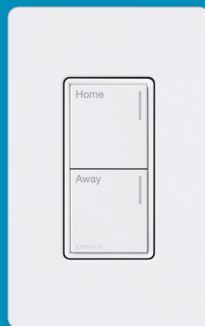
Sunnata RF keypads*†



RRST-W4B-XX
(4-button)



RRST-W3RL-XX
(3-button with raise/lower)



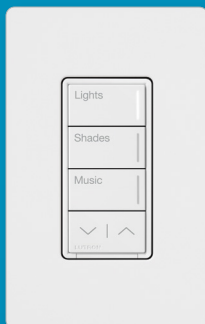
RRST-W2B-XX
(2-button)

STBK-W-XX
(replacement button kit,
orderable through myProjects)

Sunnata RF hybrid keypads*†



RRST-HN4B-XX
(4-button)



RRST-HN3RL-XX
(3-button with raise/lower)



RRST-HN2B-XX
(2-button)

STBK-H-XX
(replacement button kit,
orderable through myProjects)

*Includes one credit for a personalized button kit. Credit is redeemed through the Lutron Designer software.

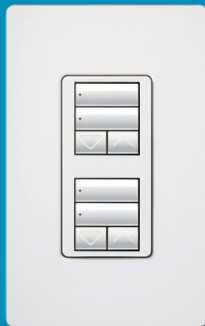
†Wallplate sold separately.

Note: XX denotes color suffix

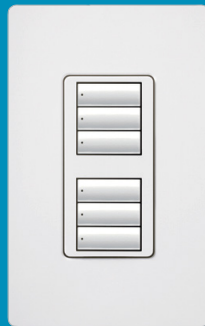
seeTouch wall-mounted keypads*†



RRD-W1RLD-XX
(3-button, 2-button with
raise/lower, dual group)



RRD-W2RLD-XX
(2-button with raise/
lower, dual group)



RRD-W3BD-XX
(3-button, dual group)



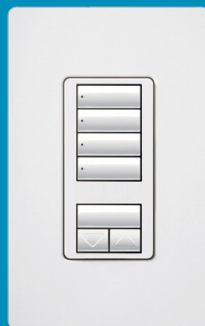
RRD-W3BRL-XX
(3-button group with
raise/lower)



RRD-W3S-XX
(3-button favorite
scene with raise/lower)



RRD-W3BSRL-XX
(3-button spaced
with raise/lower)



RRD-W4S-XX
(4-button
favorite scene
with raise/lower)



RRD-W5BRL-XX
(5-button with
raise/lower)



RRD-W5BRLIR-XX
(5-button with
raise/lower & IR)



RRD-W6BRL-XX
(6-button with
raise/lower)



RRD-W7B-XX
(7-button)

*Includes one credit for a personalized button kit. Credit is redeemed through the Lutron Designer software.

†Wallplate sold separately.

Note: XX denotes color suffix

Visit lutron.com for up-to-date Gloss and Satin Finish color information.

Keypads

seeTouch C·L neutral hybrid keypad†



RRD-HN1RLD-XX
(3-button, 2-button with
raise/lower, dual group)



RRD-HN2RLD-XX
(2-button with raise/
lower, dual group)



RRD-HN3BSRL-XX
(3-button spaced with
raise/lower)



RRD-HN3S-XX
(3-button favorite scene
with raise/lower)



RRD-HN4S-XX
(4-button favorite
scene with raise/lower)



RRD-HN5BRL-XX
(5-button with raise/lower)

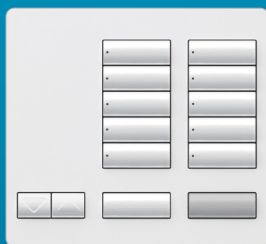


RRD-HN6BRL-XX
(6-button with raise/lower)

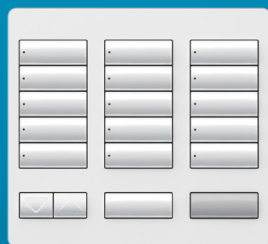
seeTouch tabletop keypads*



RR-T5RL-XX
(5-button)



RR-T10RL-XX
(10-button)



RR-T15RL-XX
(15-button)

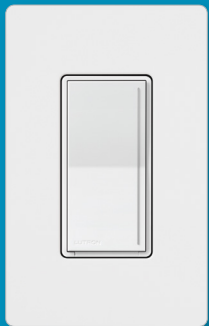
*Includes one credit for a personalized button kit. Credit is redeemed through the Lutron Designer software.

†Wallplate sold separately.

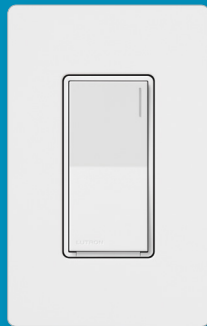
Note: XX denotes color suffix

Dimmers and switches

Sunnata[†]



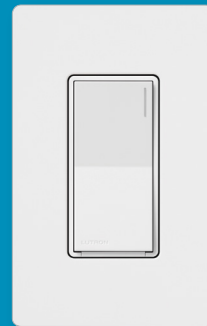
RRST-PRO-N-XX
(RF dimmer with PRO LED+)



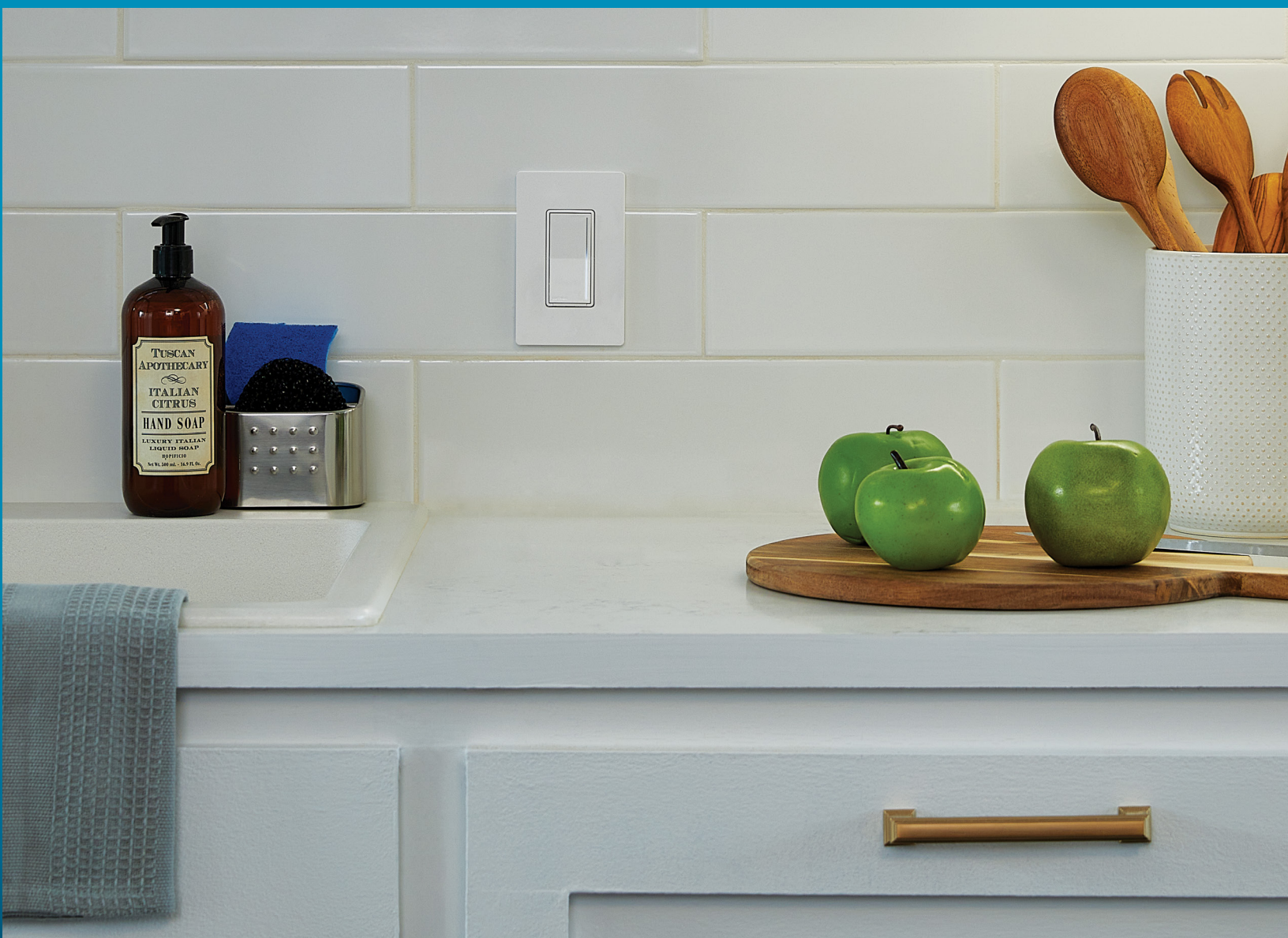
RRST-8ANS-XX
(RF switch)



RRST-RD-XX
(RF companion dimmer)



RRST-RS-XX
(RF companion switch)

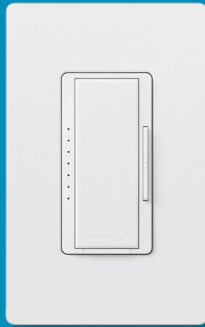


Dimmers and switches

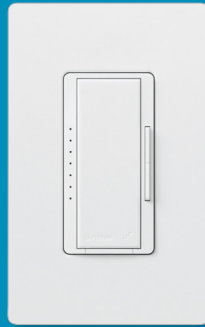
Maestro†



RRD-PRO-XX
(250 W LED, 500 W INC/HAL/ELV,
400 VA MLV phase selectable,
neutral optional dimmer)



RRD-6ND-XX
(150 W LED, 600 W/
VA INC/HAL/MLV
neutral dimmer)



RRD-10ND-XX
(150 W LED, 1000 W/
VA INC/HAL/MLV
neutral dimmer)



RRD-8ANS-XX
(8 A neutral switch)



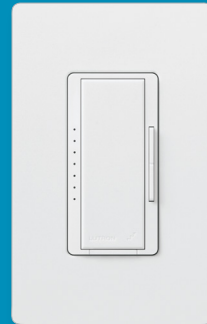
RRD-8S-DV-XX
(dual-voltage 8 A switch)



RD-RD-XX
(remote dimmer)
RD-RD-277-XX
(277 V remote dimmer)



RD-RS-XX
(remote switch)
RD-RS-277-XX
(277 V remote switch)



RRD-F6AN-DV-XX
(dual-voltage 3-wire
control dimmer)

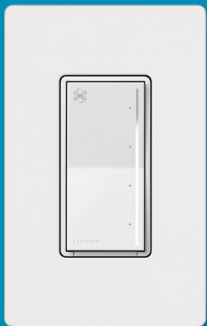


RRD-3LD-XX
(300 W lamp dimmer)

†Wallplate sold separately.
Note: XX denotes color suffix

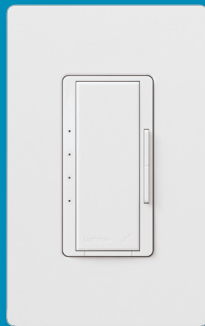
Fan control and RF modules

Sunnata[†]



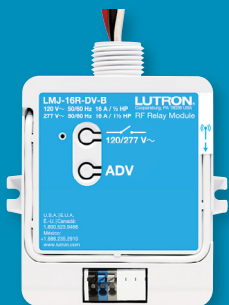
RRST-ANF-XX
(1.5 A RF ceiling fan control,
4 speeds plus off)

Maestro[†]



RRD-2ANF-XX
(2 A RF ceiling fan control,
4 speeds plus off)

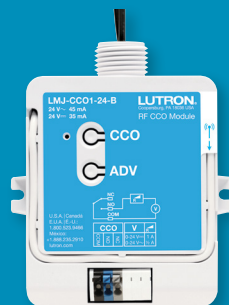
RF modules



LMJ-16R-DV-B
(Softswitch relay)



LMJ-5T-DV-B
(0–10 V dimming)



LMJ-CCO1-24-B
(contact closure output)

[†] Wallplate sold separately.

Note: XX denotes color suffix

Visit lutron.com for up-to-date Gloss and Satin Finish color information.

Wireless controls

Pico original remotes for lights



PJ2-2B-YXX-L01
(light icons)



PJ2-2BRL-YXX-L01
(light icons)

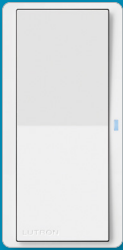


PJ2-3B-YXX-L01
(light icons)



PJ2-3BRL-YXX-L01
(light icons)

Pico paddle remote for lights

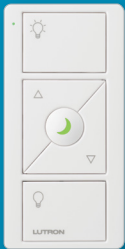


PJ2-P2B-GXX

Pico remotes with nightlight for lights



PJN-2B-GWH-L01
(light icons)



PJN-3BRL-GWH-L01
(light icons)

Note: LEDs shown brighter than they actually appear.

Note: Y denotes finish: "G" for Gloss or "T" for Satin Finish; XX denotes color suffix

Pico original remotes for shades



PJ2-2BRL-YXX-S01
(shade icons)



PJ2-3BRL-YXX-S01
(shade icons)



PJ2-3BRL-YXX-S02
(shade text/icons)



PJ2-3BRL-YXX-S03
(blackout text/icons)



PJ2-3BRL-YXX-S04
(sheer text/icons)



PJ2-3BRL-YXX-S05
(tilt blind text/icons)



PJ2-3BRL-YXX-S06
(skylight text/icons)



PJ2-3BRL-YXX-S07
(drapery text/icons)



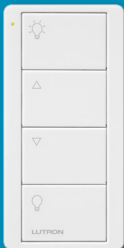
PJ2-3BRL-YXX-S09
(horizontal sheer
blind text/icons)



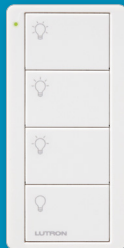
PJ2-3BRL-YXX-S10
(tilt blind icons)

Wireless controls

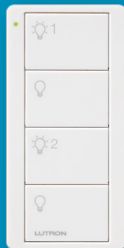
Pico remotes with 4 buttons (standard text/icons)



PJ2-4B-YXX-L01
(zone control,
light icons)



PJ2-4B-YXX-L31
(scene keypad,
light icons)



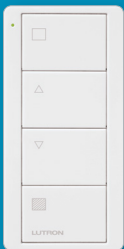
PJ2-4B-YXX-L21
(2-group control,
light icons)



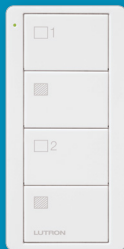
PJ2-4B-YXX-L41
(4-group toggle)



PJ2-4B-YXX-LS21
(2-group, light/
shade icons)



PJ2-4B-YXX-S01
(zone control,
shade icons)

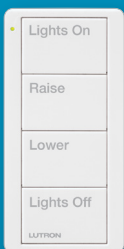


PJ2-4B-YXX-S21
(2-group control,
shade icons)



PJ2-4B-YXX-S31
(scene keypad,
shade icons)

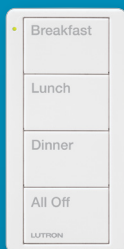
Pico remotes with 4 buttons (custom text)



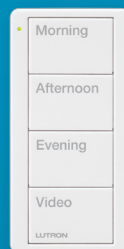
PJ2-4B-YXX-EL1
(light control with
raise/lower, zone/
standalone keypad)



PJ2-4B-YXX-ES1
(shade control with
raise/lower, zone/
standalone keypad)



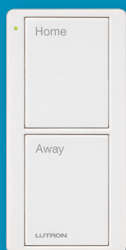
PJ2-4B-YXX-EL2
(light control scene
keypad only)



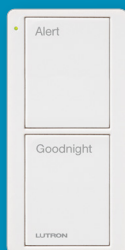
PJ2-4B-YXX-ES2
(shade control scene
keypad only)

Note: Y denotes finish: "G" for Gloss or "T" for Satin Finish; XX denotes color suffix

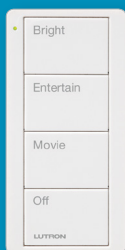
Pico scene keypads



PJ2-2B-YXX-P01
(2-button keypad
with Home and
Away scenes)



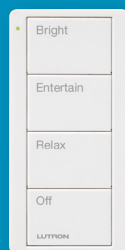
PJ2-2B-YXX-P02
(2-button keypad
with Alert and
Goodnight scenes)



PJ2-4B-YXX-P01
(4-button keypad
with Bright,
Entertain, Movie,
and Off scenes)



PJ2-4B-YXX-P02
(4-button keypad
with Bright, Cooking,
Dining and Off
scenes)



PJ2-4B-YXX-P03
(4-button keypad
with Bright,
Entertain, Relax,
and Off scenes)

Pico smart remote for audio control



PJ2-3BRL-YXX-A02
(audio text/icons)

Easily integrate popular audio brands, such as Sonos and Bang & Olufsen, with the RadioRA 3 system.

Pico smart remote for fan control



PJ2-3BRL-YXX-F01
(fan icons)

Pico pedestals

Pico remote pedestals



L-PED1-XX
(single pedestal)



L-PED2-XX
(double pedestal)



L-PED3-XX
(triple pedestal)

Plug-in modules

Plug-in dimming module



RR-3PD-1-SW
(Snow White)

RR-3PD-1-MN
(Midnight)

Plug-in appliance module



RR-15APS-1-SW
(Snow White)

RR-15APS-1-MN
(Midnight)

Outdoor plug-in switch



RR-15OUT-BL

Sensors and temperature control

Radio Powr Savr wireless occupancy/vacancy sensors



LRF2-OCR2B-P-WH
(ceiling-mount)

LRF2-VCR2B-P-WH
(ceiling-mount)



LRF2-OKLB-P-WH
(corner-mount)

LRF2-VKLB-P-WH
(corner-mount)



(top view)

LRF2-OWLB-P-WH
(wall-mount)

LRF2-VWLB-P-WH
(wall-mount)

LRF2-OHLB-P-WH
(hallway)

LRF2-VHLB-P-WH
(hallway)

Lutron wireless thermostat



L-HWLV2-WIFI

Accessories

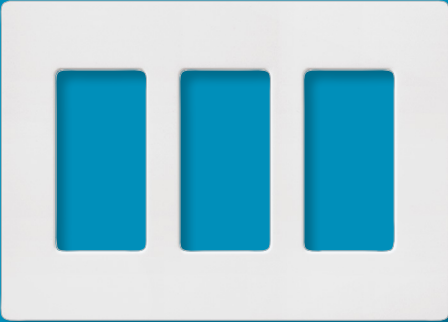
Wallplates (Gloss** and Satin†)



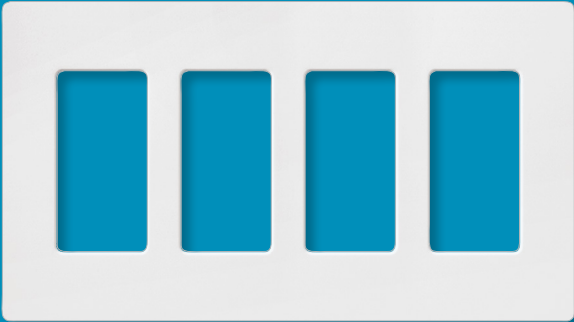
CW-1-XX**
SC-1-XX†



CW-2-XX**
SC-2-XX†



CW-3-XX**
SC-3-XX†



CW-4-XX**
SC-4-XX†

**Gloss color
†Satin Finish color
Visit lutron.com for up-to-date Gloss and Satin Finish color information.

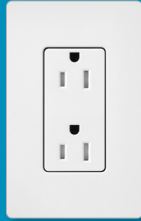
Accessories

Designer accessories† (Gloss** and Satin‡)



CAR-15-XX**

SCR-15-XX†
(15 A receptacle)



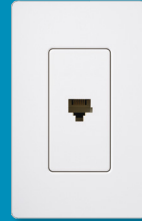
CARS-15-TR-XX**

SCRS-15-TR-XX†
(15 A tamper-resistant
receptacle)



CA-6PF-XX**

SC-6PF-XX†
(field customizable
multi-port frame)



CA-PJ-XX**

SC-PJ-XX†
(single telephone jack)



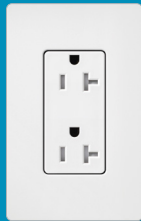
CA-CJ-XX†

SC-CJ-XX*
(single cable jack)



SCR-20-XX†
(20 A receptacle)

Available in Satin Finish only



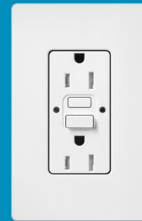
SCRS-20-TR-XX†
(20A duplex tamper-
resistant receptacle)

Available in Satin Finish only



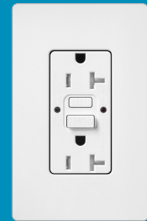
CAR-15-UBTR-XX**

SCR-15-UBTR-XX†
(15 A dual USB tamper-
resistant receptacle)



CAR-15-GFST-XX**

SCR-15-GFST-XX†
(15 A GFCI tamper-
resistant self-testing
receptacle)



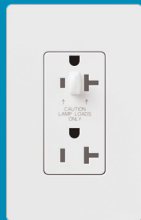
SCR-20-GFST-XX†
(20A duplex tamper-
resistant self-testing
GFCI receptacle)

Available in Satin Finish only



CAR-15-HDTR-XX**

SCR-15-HDTR-XX†
(15 A half dimmable
tamper-resistant
receptacle)



CAR-20-HDTR-XX**

SCR-20-HDTR-XX†
(20A half dimmable
tamper-resistant
receptacle)



CAR-15-DDTR-XX**

SCR-15-DDTR-XX†
(15 A dual dimmable
tamper-resistant
receptacle)



CAR-20-DDTR-XX**

SCR-20-DDTR-XX†
(20 A dual dimmable
tamper-resistant
receptacle)

** Gloss color

‡ Satin Finish color

† Wallplate sold separately.

Note: XX denotes color suffix

Shades



Roller shades*



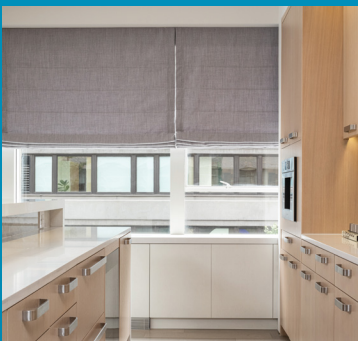
Honeycomb shades*



Horizontal sheer blinds



Drapery track systems



Roman shade systems*



Wood blinds*



Tension shades

Nearly all of Lutron's automated window treatments are compatible with the RadioRA 3 system.

*Battery-powered option available
For shades ordering information, call 1.800.446.1503.



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Online: lutron.com/help | Email: support@lutron.com | Phone: 1.844.LUTRON1 (588.7661) — includes 24/7 technical support

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