

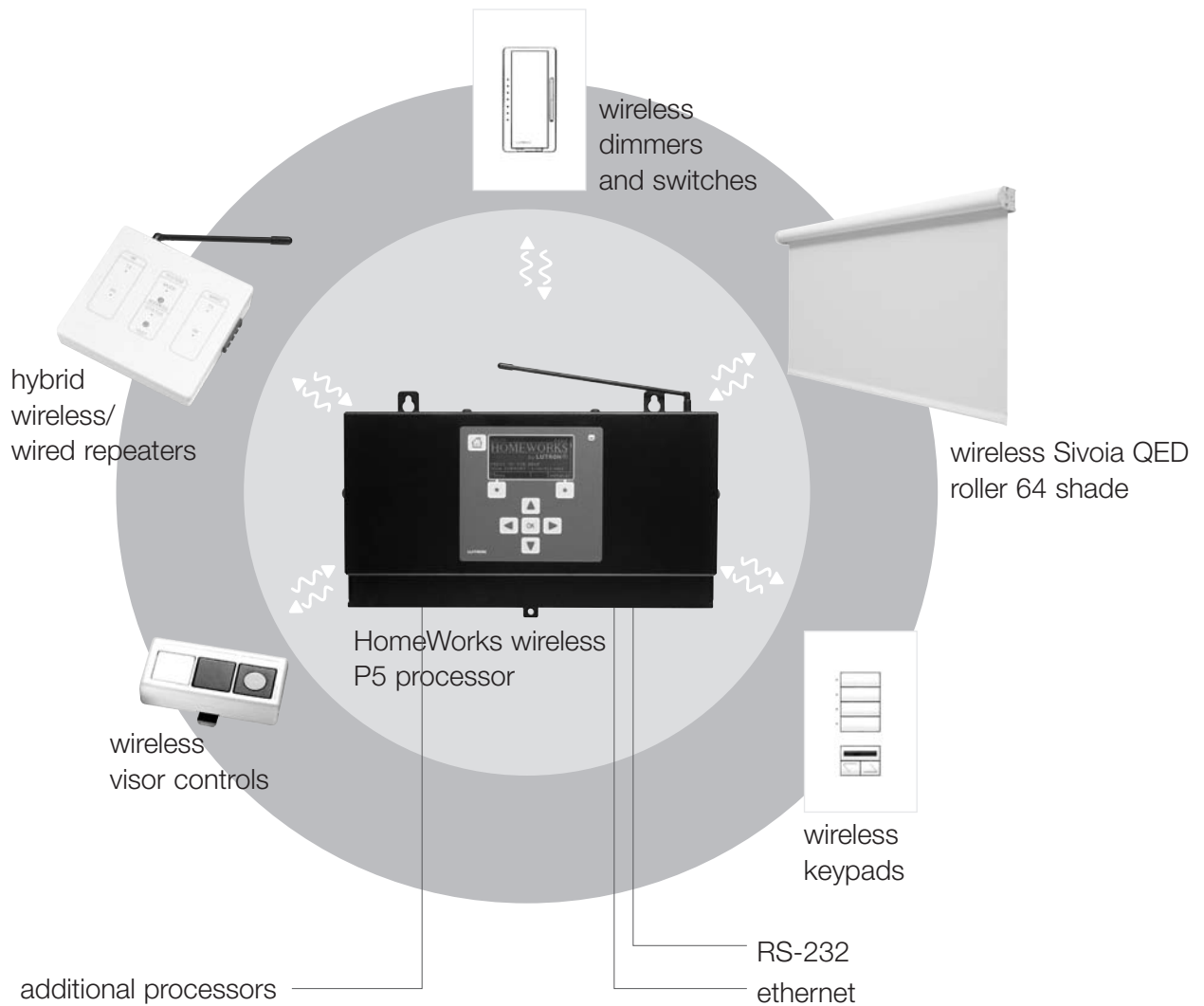
# NEW | wireless Sivoia QED™ roller 64™

## A seamless part of the HomeWorks® system

- HomeWorks wireless P5 processor—or 4 or 8 series processor (with hybrid repeater link) required
- A wireless Sivoia QED shade counts as a dimmer or zone on the wireless link
- Programmed using HomeWorks Illumination Software, Version 1.20 or higher
- The wireless Sivoia QED shade will communicate via radio frequency to the HomeWorks hybrid repeater or directly to a HomeWorks wireless P5 processor

## Unchanged installation characteristics

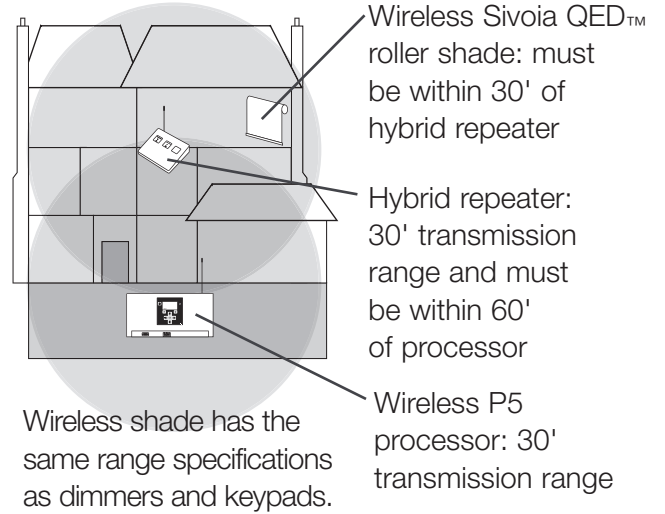
- The roller shade tube diameter is still only 1.625", requiring only 3.5" x 3.5" for installation
- Maximum shade size: approximately 8' x 8'
- Standard pocket, round and square fascia available
- Minimum shade width: 22"



## Wireless communication ranges

The HomeWorks® hybrid wireless/wired repeater adds RF coverage to a wireless P5 processor or an RF-capable processor. Each hybrid RF/wired repeater covers approximately 2,500 square feet of living space.

- Up to four repeaters per wireless P5 processor
- Up to five repeaters per RF-capable wired processor



## Simplified low-voltage power wiring

For power, each wireless Sivoia QED roller shade requires three conductors (for low-voltage power and earth ground). Power to the Electronic Drive Unit (EDU) within the shade is provided by a low-voltage transformer. Each EDU requires a dedicated transformer. Several transformer options are available, including: plug-in, junction box mount, and power panel versions. For more information, consult P/N 366-963 (Appendix B).

Lutron® recommends using three conductors (16-18 AWG, stranded) to supply power to each EDU.

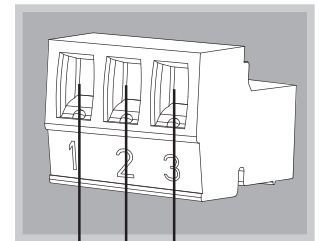
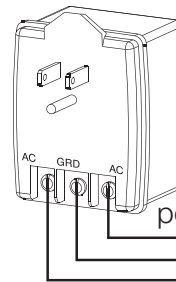
### Maximum wire length:

- 16 AWG EDU to transformer – 200'
- 18 AWG EDU to transformer – 150'

roller shade containing EDU (not to scale)



plug-in transformer



terminal block

power wiring

## For wireless shades

Suggested cable part numbers for Class 2 Sivoia QED EDU power

<b>Lutron</b> <a href="http://www.lutron.com">www.lutron.com</a>	GRX-CBL-346S-500 (non-plenum – 18 AWG) GRXPCBL-346S-500 (plenum rated – 18 AWG)
<b>Belden</b> <a href="http://www.belden.com">www.belden.com</a>	5201UE (non-plenum – 16 AWG) 6201UE (plenum rated – 16 AWG)
<b>Liberty</b> <a href="http://www.libertycable.com">www.libertycable.com</a>	16-3C-GRY (non-plenum – 16 AWG) 18-3C-P-WHT (plenum rated – 18 AWG)