



RA2 Select Design Checklist

This checklist is intended to provide reminders during the design stage of a project.

- Determine the location that the residence is in** Make sure the product is useable with the voltage and frequencies in your geographic location. RA2 Select is currently available in the United States, Canada, Mexico, Colombia, Costa Rica, El Salvador, Ecuador, Panama, Dominican Republic, United Kingdom and Europe.
- Identify areas where there is to be LED lighting** LED lighting comes with the extra layer of complexity of having numerous control options such as phase control, 3-wire, and 0-10V. Since RA2 Select does not have dimmers to directly support certain load types, an interface (and the appropriate dimmer) will be needed. The LED Product Selection Tool is very useful for identifying the proper dimming control and can be found at www.lutron.com/leds
- Identify control points** It will be key to identify the areas from where the end user will need Picos to control their system. Points of entry into rooms, especially those with many layers of light, will benefit from wall-mounted Picos to set an initial local scene for using the space. Once in the space, it is a best practice to have an additional Pico, smart phone, or tablet for control from within.
- 1 Main Repeater, 4 Auxiliary Repeaters, and 100 total devices per system** The Main Repeater and Auxiliary Repeaters will each use an address, so they will need to be considered in the device count.
- Ethernet** The Main Repeater must be connected to the local area network using Ethernet and it must be wired to its own router or switch port. Cross over and straight-through cables can both be used as the Main Repeater can auto-detect the cabling used and conform to it automatically.
- RRK-R25NE-240, RRM-R25NE-240 in-line dimmers are not compatible with MLV loads** Magnetic Low-Voltage loads will need to be switched using RRK-R6ANS-240 In-line switches or a NGRX-PB-CE-WH power booster can be used for dimming.