

Mounting Phase-Control Dimmers to a Ceiling-Mounted Junction Box

In certain applications, customers may wish to mount dimmers above the ceiling, in a junction box, as opposed to in a wallbox. In order to do this in a plenum space, combustible electrical equipment, including dimmers, must be tested and found to comply with the requirements of UL® 2043. For luminaires that are controlled through phase dimming, Lutron dimmers in the color gray (GR) have been UL® tested and found compliant for use in air handling spaces.

The following model numbers have been tested and found to comply with UL® 2043:

Model Number	Product Family
MRF2-6CL-GR	Maestro Wireless
MRF2-6ELV-120-GR	
MRF2S-6CL-GR	Vive
MRF2S-6ELV120-GR	
MRF2S-6ND-120-GR	
RRD-6CL-GR	RadioRA 2
RRD-6NA-GR	
RRD-6ND-GR	
RRD-10ND-GR	
HQRA-6CL-GR	HomeWorks QS
HQRD-6CL-GR	
HQRA-6NA-GR	
HQRD-6NA-GR	
HQRA-6ND-GR	
HQRD-6ND-GR	
HQRA-10ND-GR	
HQRD-10ND-GR	

The dimmer can be installed using standard components from your local electrical distributor (e.g., a 4 x 4 in [102 x 102 mm] junction box with a single-gang plaster ring). See instruction sheet included with the dimmer for directions on proper wiring.

If required, contact Lutron Technical Support at support@lutron.com for a copy of the UL® 2043 Plenum Rated paperwork.

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