



Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

R620L 15W LED R620L DIMMING VERSIONS DIMMER COMPATIBILITY

DIMMING COMPATIBILITY

Approved Acuity Dimming Systems:

Electronic Low Voltage - Reverse Phase Dimming

- Dimmable using Acuity nLight wired dimming controls, including Fresco controllers, when combined with an nLight nSP5 PCD ELV 120 Secondary Relay and Dimming Pack (required) at the trac input
- Dimming range of 100% down to 2% typical* with a minimum load of one fixture and maximum load of 475W @ 120VAC.

*Typical dimming range based on laboratory evaluation – actual installation conditions and results may vary.

Approved Acuity & Non-Acuity Dimming Methods:

Incandescent, Magnetic Low Voltage and Electronic Low Voltage Dimming

- Dimmable using the forward and reverse phase dimmers shown below
- Dimming range of 100% down to as low as 1% with a minimum load of one fixture; both dimming range and maximum rated load may vary depending on dimmer model
- See maximum load calculations below to identify max number of luminaires per dimmer

Forward Phase

(Incandescent and Magnetic Low Voltage)

Example: Fixture Rating = 13W
 Dimmer Rating = 600W
 Equivalent Incandescent Load (EIL) = 50%
 $(600/13W) \times 0.5 = 23$ Fixtures per Dimmer

Forward Phase

Manuf.	Product Family	Series	Type	Min Light (%)
Lutron	Glyder	GLV*	MLV	2
Lutron	Diva	DVLV*	MLV	3
Lutron	Diva	DV*	INC	2
Lutron	Skylark	SLV	MLV	3
Lutron	LP	LP-RPM-4U	MLV	9
Lutron	GrafikEye	QSGRJ-3P	MLV	5
Leviton	SureSlide	6613*	MLV	5
Leviton	IllumaTech	IPL06-10*	INC	5
Insteon	Dimmer Switch	2477D	INC	5
Insteon	Keypad Dimmer	2334-232	INC	5
Control4	FP Wall Dimmer	C4-FPD 120	MLV	5

Reverse Phase

(Electronic Low Voltage)

Example: Fixture Rating = 13W
 Dimmer Rating = 600W
 Equivalent Incandescent Load (EIL) = 75%
 $(600/13W) \times 0.75 = 34$ Fixtures per Dimmer

Reverse Phase

Manuf.	Product Family	Series	Type	Min Light (%)
Acuity	Synergy	ISD 400 ELV	ELV	10
Lutron	Maestro	MAELV	ELV	11
Lutron	Diva	DVELV	ELV	7
Lutron	RadioRA2	RRD-6NA*	PHA	2
Lutron	Nova T	NTELV-600	ELV	12
Leviton	Vizia	VPE06-1L	ELV	7
Leviton	Illuminatech	IPE04	ELV	10
Control4	Adaptive Phase Dimmer	C4-APD120*	PHA	1

Integrated Control Systems

Manuf.	Product Family	Series	Type	Min Light (%)
Lutron	LP	PHPM-PA-120*	PHA	1
Lutron	LP	LP-RPM-4A	PHA	4
Insteon	Micro Module Dimmer	2442-222	INC	5

*Juno recommended dimmers

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