



R610L DIMMING VERSIONS DIMMER COMPATIBILITY

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

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 = 21W

Dimmer Rating = 600W

Equivalent Incandescent Load (EIL) = 50%

$(600/21W) \times 0.5 = 14$ Fixtures per Dimmer

Forward Phase

Manuf.	Product Family	Series	Type	Min Light (%)
Acuity	Synergy	ISD 600 LV	MLV	8
Acuity	Synergy	ISD 1000 LV	INC	6
Acuity	Synergy	ISD 600 I	INC	8
Acuity	Synergy	ISD 1000 I	INC	7
Control4	FP Wall Dimmer	C4-FPD 120*	MLV	2
Insteon	Keypad Dimmer	2334-232	INC	4
Insteon	Dimmer Switch	2477D	INC	4
Insteon	Dimmer Micro Module	2442-222	INC	4
Leviton	SureSlide	6613-PLW	MLV	6
Leviton	IllumaTech	IPLO6-10Z*	INC	3
Leviton	SureSlide	6633*	INC	1
Lutron	RadioRA	2 6D*	INC	3
Lutron	RadioRA	2 10ND*	INC	1
Lutron	Diva	DVCL-153P*	INC	3
Lutron	Glyder	GLV*	MLV	4
Lutron	Rotary	D	INC	5
Lutron	Diva	DVLV*	MLV	5
Lutron	Nova T	NT-1000	INC	5
Lutron	Diva	DV*	INC	2
Lutron	Skylark	SLV*	MLV	5

*Juno recommended dimmers

Reverse Phase

(Electronic Low Voltage)

Example: Fixture Rating = 21W

Dimmer Rating = 600W

Equivalent Incandescent Load (EIL) = 75%

$(600/21W) \times 0.75 = 21$ Fixtures per Dimmer

Reverse Phase

Manuf.	Product Family	Series	Type	Min Light (%)
Leviton	Vizia	VPE06-1LX*	ELV	2
Leviton	Illumatech	IPE04*	ELV	2
Lutron	Nova T	NTELV*	ELV	2
Lutron	Diva	DVELV*	ELV	2
Lutron	Maestro	MAELV*	ELV	2
Lutron	RadioRA2	RRD-6NA*	PHA	2

Integrated Control Systems

Manuf.	Product Family	Series	Type	Min Light (%)
Control4	Adaptive Phase Dimmer	C4-APD 120*	PHA	2
Lutron	Power Module	PHPM-PA-120*	PHA	2

*Juno recommended dimmers

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