



R605L 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 1% 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 = 10W

Dimmer Rating = 600W

Equivalent Incandescent Load (EIL) = 50%

$(600/10W) \times 0.5 = 30$ Fixtures per Dimmer

Forward Phase

Manuf.	Product Family	Series	Type	Min Light (%)
Leviton	IllumaTech	IPLO6-10*	INC	4
Leviton	SureSlide	6633*	INC	1
Lutron	Diva	DVLV*	MLV	2
Lutron	Glyder	GLV*	MLV	1
Lutron	Skylark	SLV*	MLV	1

Reverse Phase

(Electronic Low Voltage)

Example: Fixture Rating = 10W

Dimmer Rating = 600W

Equivalent Incandescent Load (EIL) = 75%

$(600/10W) \times 0.75 = 45$ Fixtures per Dimmer

Reverse Phase

Manuf.	Product Family	Series	Type	Min Light (%)
Acuity	Synergy	ISD 400 ELV	ELV	8
Control4	PA Wall Dimmer	C4-APD 120*	PHA	1
Leviton	Illumatech	IPE04	ELV	8
Leviton	Vizia	VPE06-1L*	ELV	5
Lutron	Maestro	MAELV	ELV	8
Lutron	Nova T	NTELV	ELV	9
Lutron	RadioRA 2	RRD-6NA*	PHA	2

Integrated Control Systems

Manuf.	Product Family	Series	Type	Min Light (%)
Acuity	nLight	nSP5 PCD*	ELV	1
Lutron	GRAFIK Eye	QSGRJ-3P*	MLV	1
Lutron	LP	LP-RPM-4A*	PHA	3
Lutron	LP	LP-RPM-4U	MLV	6
Lutron	PA Power Module	PHPM-PA-120*	PHA	1

*Juno recommended dimmers

*Juno recommended dimmers

ELR 19-977