



TRAC-MASTER®

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

T381L G2 11W STATIC WHITE LED & T381L G2 16W WARMDIM® VERSIONS DIMMER COMPATIBILITY

DIMMING COMPATIBILITY – STATIC WHITE

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 track input • Dimming range of 100% down to 5% 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 = 37W
Dimmer Rating = 600W
Equivalent Incandescent Load (EIL) = 50%
(600/37W) X 0.5 = 8 Fixtures per Dimmer

Forward Phase				
Manuf.	Product Family	Series	Type	Min Light (%)
Acuity	Synergy	ISD 600 LV	MLV	11
Acuity	Synergy	ISD 1000 LV	INC	9
Acuity	Synergy	ISD 600 I	INC	11
Acuity	Synergy	ISD 1000 I	INC	10
Control4	FP Wall Dimmer	C4-FPD 120*	MLV	3
Insteon	Dimmer Switch	2477D*	INC	3
Insteon	Dimmer Micro Module	2442-222*	INC	3
Insteon	Keypad Dimmer	2334-232*	INC	3
Leviton	illumatech	IPL06-10Z*	INC	4
Leviton	SureSlide	6633*	INC	3
Leviton	SureSlide	6613*	MLV	3
Lutron	Diva	DV*	INC	3
Lutron	Diva	DVCL-153P*	INC	4
Lutron	Diva	DVLV	MLV	8
Lutron	Glyder	GLV*	MLV	3
Lutron	Nova T	NT-1000	INC	6
Lutron	RadioRA	2 6D*	INC	3
Lutron	RadioRA	2 10ND*	INC	3
Lutron	Rotary	D*	INC	3
Lutron	Skylark	SLV	MLV	6

*Juno recommended dimmers

Reverse Phase

(Electronic Low Voltage)

Example: Fixture Rating = 37W
Dimmer Rating = 600W
Equivalent Incandescent Load (EIL) = 75%
(600/37W) X 0.75 = 12 Fixtures per Dimmer

Reverse Phase				
Manuf.	Product Family	Series	Type	Min Light (%)
Control4	Adaptive Phase Dimmer	C4-DIN-8DIME*	PHA	2
Control4	Adaptive Phase Dimmer	C4-APD 120*	PHA	3
Leviton	illumatech	IPE04	ELV	7
Leviton	Vizia	VPE06-1LX*	ELV	3
Lutron	Diva	DVELV*	ELV	3
Lutron	Maestro	MAELV	ELV	6
Lutron	Nova T	NTELV	ELV	7
Lutron	Power Module	PHPM-PA-120**	PHA	3
Lutron	RadioRA2	RRD-6NA**	PHA	3

Integrated Control Systems

Manuf.	Product Family	Series	Type	Min Light (%)
Acuity	nLight	nSP5 PCD*	ELV	5
Lutron	LP	LP-RPM-4U	MLV	7
Lutron	LP	LP-RPM-4A*	PHA	3
Lutron	GRAFIK EYE	QSGRJ-3P*	MLV	3

*Juno recommended dimmers

**Fixtures may exhibit flicker when dimmed below this level

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DIMMING COMPATIBILITY – WARMDIM

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 track 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 = 16W

Dimmer Rating = 600W

Equivalent Incandescent Load (EIL) = 50%

$(600/37W) \times 0.5 = 18$ Fixtures per Dimmer

Forward Phase				
Manuf.	Product Family	Series	Type	Min Light (%)
Acuity	Sensor Switch	WPD*	INC	2
Acuity	Synergy	ISD 600 I*	INC	4
Acuity	Synergy	ISD 600 LV*	MLV	4
Leviton	Illumatech	IPI06-1L*	INC	4
Leviton	Illumatech	IPL06-10*	INC	2
Leviton	Illumatech	IPM06-1L*	MLV	4
Leviton	SureSlide	6613*	MLV	2
Leviton	SureSlide	6633*	INC	3
Lutron	Caseta	PD-6WCL*	INC	2
Lutron	Diva	DVCL-153*	INC	1
Lutron	Maestro	MAELV-153M*	INC	1
Lutron	Maestro	RRD-PRO FWD*	PA	1
Lutron	RadioRa	RRD-10ND*	INC	2
Lutron	Vive	MRF25-6ND*	INC	1
Control4	AP Wall Dimmer	C4-APD 120 FWD*	PA	1
Control4	FP Wall Dimmer	C4-FPD 120 FWD*	INC	2

*Juno recommended dimmers

Reverse Phase

(Electronic Low Voltage)

Example: Fixture Rating = 16W

Dimmer Rating = 600W

Equivalent Incandescent Load (EIL) = 75%

$(600/37W) \times 0.75 = 28$ Fixtures per Dimmer

Reverse Phase				
Manuf.	Product Family	Series	Type	Min Light (%)
Lutron	Diva	DVELV-300*	ELV	1
Lutron	Maestro	MAELV-600*	ELV	1
Lutron	Vive	MRF25-6ELV*	ELV	1
Lutron	Caseta	PD-5NE*	ELV	2
Leviton	Illumatech	IPE04*	ELV	5
Leviton	Maestro	RRD-PRO REV*	PA	2
Control4	AP Wall Dimmer	C4-APD 120*	PA	1

Integrated Control Systems

Manuf.	Product Family	Series	Type	Min Light (%)
Acuity	nLight	nSP5PCD ELV*	INC	2
Lutron	LP	LP-RPM-4A *	PA	1
Lutron	LP	LP-RPM-4U*	INC	2
Lutron	PHPM	PHPM-PA-120*	PA	1
Lutron	Grafik Eye	QSGRJ-3P*	MLV	2
Legrand	Wattstopper	LMRC-221-U*	PA	1
Creston	DIN Rail Universal Dimmer	6501748*	PA	1

*Juno recommended dimmers

**Fixtures may exhibit flicker when dimmed below this level