



TRAC-MASTER®

Avant Garde

26W T283L G2 & T285L G2 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 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 Non-Acuity Dimming Systems:

Electronic Low Voltage - Reverse Phase Dimming

- Dimmable using the forward and reverse phase dimmers shown below
- Dimming range of 100% down to as low as 5% 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

Reverse Phase (Electronic Low Voltage)

Example: Fixture Rating = 35W

Dimmer Rating = 600W

Equivalent Incandescent Load (EIL) = 75%

$(600/35W) \times 0.75 = 12$ Fixtures per Dimmer

Reverse Phase

Manuf.	Product Family	Series	Type	Min Light (%)
Lutron	Maestro	MAELV-600	ELV	8*
Lutron	Vive	MRF25-6ELV	ELV	7*
Lutron	Caseta	PD-5NE	ELV	7*
Lutron	Maestro	RRD-PRO REV	PHA	7*

Integrated Control Systems

Manuf.	Product Family	Series	Type	Min Light (%)
Acuity	nLight	nSP5PCD ELV*	ELV	5*
Acuity	nLight	PCDM	ELV	7*
Acuity	Fresco	LMPM 2D 2L LM4A REVERSE PHASE	ELV	6*
Lutron	PA Power Module	PHPM-PA-120*	PHA	6*

*Dimmer must be trimmed above 55V due to unstable startup below 55V; fixtures may exhibit flash at startup.

ELR #s: 22-658, 18-727, 16-1520, 15-113