



TRAC-LITES™

R605L 10W LED

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 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 - Forward Phase Dimming

• Dimmable with the use of most incandescent and magnetic low voltage dimmers • Dimming range of 100% down to 15% or lower with a minimum load of one fixture and a maximum load of 50% of the dimmer rated load (see example); both dimming range and maximum rated load may vary depending on dimmer model.

Example: Typical Fixture Power Consumption = 10W
Dimmer Rating = 600W
Equivalent Incandescent Load (ELL) Factor = 50% (0.50)
 $(600/10) \times 0.50 = 30$ Fixtures per Dimmer

Juno Qualified Dimmers include:

Lutron® Model Numbers:

- Glyder GLV-600
- Diva® DVLV-600P
- Skylark SLV-600P

Leviton® Model Numbers:

- SureSlide 6633

Electronic Low Voltage - Reverse Phase Dimming

• Dimmable with the use of most electronic low voltage dimmers • Electronic low voltage dimmers require a neutral wire in the wall box • Dimming range of 100% down to 20% or lower with a minimum load of one fixture and a maximum load of 75% of the dimmer rated load (see example); both dimming range and maximum rated load may vary depending on dimmer model.

Example: Typical Fixture Power Consumption = 10W
Dimmer Rating = 600W
Equivalent Incandescent Load (ELL) Factor = 75% (0.75)
 $(600/10) \times 0.75 = 45$ Fixtures per Dimmer

Juno Qualified Dimmers include:

Acuity Model Numbers:

- Synergy® ISD 400 ELV 120

Lutron® Model Numbers:

- Nova T NTELV-600
- Diva® DVELV 600P
- Maestro® MAELV 600

Leviton® Model Numbers:

- IllumaTech® IPE04

Electronic Low Voltage - Miscellaneous Dimming

Juno Qualified Dimmers include:

Lutron® Model Numbers:

- RadioRA 2 10ND
- RadioRA2 RRD-6NA

Leviton® Model Numbers:

- SureSlide 6613-PLW

Consult technical services for additional information regarding other dimmer model qualification.