



Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

800/1200/1500/2000 LUMEN GEN 3 LED ADJUSTABLE DOWNLIGHT DIMMER COMPATIBILITY

FOR USE WITH:
**IC420L, TC420L, IC415L, IC412L,
 IC408L, IC408LR, TC412LR,
 IC420LSQ, TC420LSQ, IC415LSQ,
 IC412LSQ, IC408LSQ**

DIMMER COMPATIBILITY

Dedicated 120V Only Fixtures (-1)

Incandescent, Magnetic Low Voltage and Electronic Low Voltage Dimming

- Dimmable with the use of most forward and reverse phase dimmers
- Dimming range of 100% down to 5% or lower 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 = 13W
 Dimmer Rating = 600W
 Equivalent Incandescent Load (EIL) = 50%
 $(600/13W) \times 0.5 = 23$ Fixtures per Dimmer

Forward Phase

Manuf.	Product Family	Series	Type	Min Light (%)
Lutron	Glyder	GLV*	MLV	2
Lutron	Nova T	NTLV	MLV	2
Lutron	Rotary	D	INC	2
Lutron	Diva	DVLV*	MLV	3
Lutron	Ceana	CNLV	MLV	3
Lutron	Diva	DV	INC	2
Lutron	Skylark	S	INC	2
Lutron	Ariadni	AY	INC	2
Lutron	Skylark	SLV*	MLV	3
Lutron	Diva	DVCL	INC	2
Lutron	Ariadni	AYCL	INC	2
Lutron	Toggler	TGCL	INC	2
Lutron	Lumea	LGCL	INC	2
Lutron	Skylark Contour	CTCL	INC	2
Lutron	RadioRA2	RRD-10ND*	PHA	2
Leviton	SureSlide	6633*	INC	2
Leviton	SureSlide	6613*	MLV	2
Leviton	Illuminatech	IPL06-10Z*	INC	5

Reverse Phase (Electronic Low Voltage)

Example: Fixture Rating = 13W
 Dimmer Rating = 600W
 Equivalent Incandescent Load (EIL) = 75%
 $(600/13W) \times 0.75 = 34$ Fixtures per Dimmer

Reverse Phase

Manuf.	Product Family	Series	Type	Min Light (%)
Lutron	Maestro	MAELV*	ELV	3
Lutron	Faedra	FAELV	ELV	3
Lutron	Spacer	SPSELV	ELV	3
Lutron	Nova T	NTELV	ELV	3
Lutron	Diva	DVELV	ELV	2
Lutron	Skylark	SELV	ELV	2
Lutron	RadioRA2	RRD-6NA*	PHA	2
Lutron	Vizia	VPE06-1LX*	ELV	2
Lutron	Illuminatech	IPE04*	ELV	5

Integrated Control Systems

Manuf.	Product Family	Series	Type	Min Light (%)
Lutron	GrafikEye QS	PHPM-PA*	PHA	1
Lutron	HomeWorks QS	PHPM-PA*	PHA	1
Lutron	HomeWorks QS	HW-RPM-4A	PHA	2
Lutron	LCP128	PHPM-PA*	PHA	1
Lutron	LCP128	LP-RPM-4A	PHA	1
Lutron	LP	PHPM-PA*	PHA	1
Lutron	LP	LP-RPM-4A	PHA	1

*Aculux recommended dimmers

DIMMER COMPATIBILITY

Universal 120-277V Fixtures

0-10V Dimming (-U)

- Dimmable with the use of most 0-10V protocol dimmers • Dimming range of 100% to 10%.

0-10 Dimming

Manuf.	Product Family	Series	Type	Min Light (%)
Lutron	Diva	DVTV*	0-10V	10
Lutron	Nova	NFTV*	0-10V	10
Lutron	Nova T	NTFTV*	0-10V	10
Lutron	Illuminatech	IP710-DL*	0-10V	10

Integrated Control Systems

Manuf.	Product Family	Series	Type	Min Light (%)
Lutron	GrafikEye QS	GRX-TVI*	0-10V	10
Lutron	HomeWorks QS	GRX-TVI*	0-10V	10
Lutron	HomeWorks QS	GRX-TVM2*	0-10V	10
Lutron	LCP128	GRX-TVI*	0-10V	10
Lutron	LCP128	GRX-TVM2*	0-10V	10
Lutron	LP	GRX-TVM2*	0-10V	10
Lutron	RadioRA2	LMJ-5T-DV-B	0-10V	10
Crestron	GreenLight	DIN-4DIMFLV4	0-10V	10
Lutron	Energi Tripak	RMJ-5T-DV-B	0-10V	10
Wattstopper	DLM	LMRC-211	0-10V	10

DMX Dimming (-M)

- Compatible with ANSI+E1.11-2008R2013 (USITT DMX512-A) controller and system equipment.

DALI Dimming (-A)

- Compatible with IEC 62386-207 and IEC 62386-102 certified controller and system equipment.

Lutron HI-Lume A-Series Driver

120V-277V 3-Wire Fluorescent Controls and EcoSystem Digital Controls (-L)

- For a list of compatible dimmers, please reference Lutron's Report Card for EcoSystem and 3-Wire Control dimming systems located at: http://www.lutron.com/TechnicalDocumentLibrary/EcoSystem_3-wire_report_card.pdf

120V 2-Wire Forward Phase Controls (-D)

- For a list of compatible dimmers, please reference Lutron's Report Card for 2-Wire Control dimming systems located at: http://www.lutron.com/TechnicalDocumentLibrary/2-wire_Fwd_phase_report_card.pdf

