

# ACULUX 3" and 4" LED SERIES DIMMER COMPATIBILITY

FOR USE WITH:  
**AX3 / AX3SQ**  
**AX4 / AX4SQ**

## DIMMER COMPATIBILITY

### Phase Dimming Driver (FPC)

#### 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	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*	INC	2
Leviton	SureSlide	6633*	INC	2
Leviton	SureSlide	6613*	MLV	2
Insteon	Dimmer Switch	2477D	INC	2
Insteon	Keypad Dimmer	2334-222	INC	2

\*Aculux recommended dimmers

#### 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	Faetra	FAELV	ELV	3
Lutron	Spacer	SPSELV	ELV	3
Lutron	Diva	DVELV	ELV	2
Lutron	Skylark	DVELV	ELV	2
Lutron	RadioRA2	RRD-6NA*	PHA	2
Lutron	Vizia	VPE06-1LX*	ELV	2
Lutron	Illuminatech	IPE04*	ELV	5
Control4	Adaptive Phase Dimmer	C4-APD120	PHA	2

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
Insteon	Micro Module Dimmer	2442-222	INC	1
Control4	8 Ch Dimmer	C4-DIN-8DIM-E	PHA	1

# ACULUX 3" and 4" LED SERIES DIMMER COMPATIBILITY

FOR USE WITH:  
**AX3 / AX3SQ**  
**AX4 / AX4SQ**

## DIMMER COMPATIBILITY

### 0-10V Dimming Driver (GZ1, EZ1, EZB)

- Dimmable with the use of most 0-10V protocol dimmers. Dimming range of 100% to 1% (GZ1, EZ1) or <1% (EZB).

#### 0-10 Dimming

Manuf.	Product Family	Series	Type	-GZ1 Min. Light (%)	-EZ1 Min. Light (%)	-EZB Min. Light (%)
Lutron	Diva	DVTV	0-10V	1	1	<1
Lutron	Nova	NFTV	0-10V	1	1	<1
Lutron	Nova T	NTFTV	0-10V	1	1	<1

#### Integrated Control Systems

Manuf.	Product Family	Series	Type	-GZ1 Min. Light (%)	-EZ1 Min. Light (%)	-EZB Min. Light (%)
Lutron	GrafikEye QS	GRX-TVI*	0-10V	1	1	<1
Lutron	HomeWorks QS	GRX-TVI*	0-10V	1	1	<1
Lutron	HomeWorks QS	GRX-TVM2*	0-10V	1	1	<1
Lutron	LCP128	GRX-TVI*	0-10V	1	1	<1
Lutron	LCP128	GRX-TVM2*	0-10V	1	1	<1
Lutron	LP	GRX-TVM2*	0-10V	1	1	<1
Lutron	RadioRA2	LMJ-5T-DV-B	0-10V	-	1	<1
Crestron	GreenLight	DIN-4DIMFLV4	0-10V	1	1	<1
Lutron	Energi Tripak	RMJ-5T-DV-B	0-10V	1	1	<1
Wattstopper	DLM	LMRC-211	0-10V	1	1	<1
Insteon	Ballast Dimmer	2475DA2	0-10V	1	1	<1

\*Aculux recommended dimmers

### **DMX Dimming (DMXR)**

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

### **DALI Dimming (DALI)**

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

### **Lutron HI-Lume Driver**

#### **120V-277V EcoSystem Digital Controls (ECOD)**

- For a list of compatible dimmers, please reference Lutron's Report Card for EcoSystem dimming systems located at:  
[http://www.lutron.com/TechnicalDocumentLibrary/369832\\_ENG.pdf](http://www.lutron.com/TechnicalDocumentLibrary/369832_ENG.pdf)

#### **120V 2-Wire Forward Phase Controls (ECOS2)**

- 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/369543\\_ENG.pdf](http://www.lutron.com/TechnicalDocumentLibrary/369543_ENG.pdf)