



Designer Wall Box Dimmer

Single Pole (One location) or 3-Way (Multi-location)

Fluorescent Only

Cat. No. ISD 600 ADEZ (Lighted)
Rated: 600VA-120VAC, 60HZ

Cat. No. ISD 1000 ADEZ (Lighted)
Rated: 1000VA-120VAC, 60HZ

Cat. No. ISD 1200 ADEZ (Lighted)
Rated: 1200VA-277VAC, 60HZ

INSTALLATION INSTRUCTIONS



1335 Industrial Boulevard, Conyers GA 30012
Phone: 800-533-2719 www.synergylightingcontrols.com

GUARANTEE

Synergy Lighting Controls warrants all equipment to be free from defects in manufacturing, under normal and proper storage, installation, and use, for a period of two years. Our guarantee liability extends only to the repair or replacement of the defective part and no labor charges for correction of the defect by repair or replacement will be honored by Synergy Lighting Controls unless prior written authority has been granted by our Customer Service Department.

For Technical Assistance Call:
1-800-533-2719
www.synergylightingcontrols.com

• Large ON/OFF switch

• Color conversion available

• ON/OFF LED indicates status of load

FEATURES

INSTALLATION INSTRUCTIONS

WARNING: TO BE INSTALLED AND/OR USED IN ACCORDANCE WITH APPROPRIATE ELECTRICAL CODES AND REGULATIONS.

WARNING: IF YOU ARE NOT SURE ABOUT ANY PART OF THESE INSTRUCTIONS, CONTACT LITHONIA CONTROL SYSTEMS AT 1-800-533-2719.

WARNING: TO AVOID OVERHEATING AND POSSIBLE DAMAGE TO THIS DEVICE AND OTHER EQUIPMENT, USE ONLY WITH THE APPROPRIATE ADVANCE TRANSFORMER 120/277V MARK X™ ELECTRONIC BALLASTS FOR CONTROLLING THE SPECIFIC FLUORESCENT LAMPS.

OTHER CAUTIONS:

1. USE ONLY ONE (1) DIMMER IN A 3-WAY CIRCUIT. THE SWITCH(ES) WILL TURN THE LIGHT ON AT THE BRIGHTNESS LEVEL SELECTED AT THE DIMMER.
2. LIGHTING FIXTURE AND DIMMER MUST BE GROUNDED.
3. DISCONNECT POWER WHEN SERVICING OR CHANGING LAMPS.
4. USE THIS DEVICE ONLY WITH COPPER OR COPPER CLAD WIRE. WITH ALUMINUM WIRE USE ONLY DEVICES MARKED COALR OR CU/AL.

MULTI-GANG INSTALLATION:

When ganging dimmers, the side sections of the mounting strap must be removed. Use pliers to carefully bend side sections back and forth until they break off (see Figure 1). The side sections dissipate heat, so removing them requires a derating of the dimmer's capacity (see chart).

MAXIMUM BULB WATTAGE:

Mark X™ dimmers are rated in Volt-Amperes (VA). The maximum bulb wattage is determined by the efficiency of the Mark X™ ballast. The following tables show the maximum number of ballasts that can be connected to a single dimmer for different Mark X™ ballasts. Also note the table shows maximum ballasts for multi-gang installations.

TO INSTALL:

1. **WARNING: TO AVOID FIRE, SHOCK, OR DEATH: TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT POWER IS OFF BEFORE WIRING!**
 2. Remove existing wallplate and switch, if applicable.
 3. Remove 3/4" (1.9 cm) of insulation from each circuit conductor. Make sure the ends of wires are straight.
 4. Connect wires per appropriate **WIRING DIAGRAM** as follows: **NOTE: Common terminal of 3-Way Switch is usually labeled and/or BLACK.** Twist dimmer leads together with circuit conductors and push firmly into appropriate wire connector. Screw connectors on clockwise making sure no bare wires show below the wire connectors. Secure each connector with electrical tape.
- NOTE:** Dimmer can be installed on either the Load or Line side (refer to Wiring Diagrams 2 and 3, respectively).
- NOTE:** For single pole applications, cap one BLACK lead with an appropriate size wire connector. Secure connector with electrical tape.
5. Installation may now be completed by carefully positioning all wires to provide room in outlet box for dimmer. Mount dimmer into box with mounting screws supplied. Attach wallplate.
 6. Restore power at circuit breaker or fuse. **INSTALLATION IS COMPLETE.**

NOTE: ISD 1200 ADEZ 277 Chart located on reverse side of instructions.

MAXIMUM LOAD PER DIMMER FOR MULTI-GANG			
Cat. No.	Single	Two Gang	More than 2 Gang
ISD 600 ADEZ	600VA	500VA	400VA
ISD 1000 ADEZ	1000VA	800VA	700VA
ISD 1200 ADEZ	1200VA	1200VA	1200VA

Cat. No. ISD 600 ADEZ, 120V, For use with

Advance Transformer 120V MarkX™ Electronic Ballasts

Advance Mark X™ Part No.	Lamp	Max. # Ballasts/Dimmer for Multi-gang	Single Gang	Two Ganged	More than 2 Gang
REZ-1132	CFM26W/GX24Q	19	16	13	13
REZ-1132	CFM32W/GX24Q	16	13	10	10
REZ-1142	CFM42W/GX24Q	12	10	8	8
REZ-2026	CFQ26W/G24Q	10	9	7	7
REZ-1132	F2578	19	16	13	13
REZ-2532	F2578	10	8	7	7
REZ-3532	F2578	7	6	5	5
REZ-132	F3278	17	14	11	11
REZ-3532	F3278	8	7	6	6
REZ-1154Q	FT40W/2G11	15	12	10	10
REZ-2154Q	FT40W/2G11	7	6	5	5

Cat. No. ISD 1000 ADEZ, 120V, For use with

Advance Transformer 120V MarkX™ Electronic Ballasts

Advance Mark X™ Part No.	Lamp	Max. # Ballasts/Dimmer for Multi-gang	Single Gang	Two Ganged	More than 2 Gang
REZ-1132	CFM26W/GX24Q	32	26	22	22
REZ-1132	CFM32W/GX24Q	26	21	18	18
REZ-1142	CFM42W/GX24Q	20	16	14	14
REZ-2026	CFQ26W/24Q	17	14	12	12
REZ-132	F2578	32	26	22	22
REZ-2532	F2578	17	13	12	12
REZ-3532	F2578	11	9	8	8
REZ-132	F3278	28	22	19	19
REZ-2532	F3278	14	11	10	10
REZ-3532	F3278	9	8	7	7
REZ-1154Q	FT40W/2G11	25	20	17	17
REZ-2154Q	FT40W/2G11	12	10	9	9

COLOR CONVERSION PROCEDURE

The color of this device can be changed to suit your interior design requirements. Simply obtain a color conversion kit of the appropriate color from your Lithonia distributor and proceed as follows (please note that wallplate must be removed):

1. Select the color of the face you desire.
2. The frame has snaps on its sides. Using your fingers, grip around the frame and push on one side to release it from the strap (see Figure 2).
3. Take the new frame and position it properly to the strap. Line up the plastic snaps with the square holes in the strap. Insert the snaps on one side of the frame into the strap.
4. Firmly press sideways and down to slip the other snaps into place. The frame snaps in with a audible click. Ensure that all four snaps are secure.
5. Moving the slider up or down will automatically engage the slider control mechanism. Replace wallplate. **The color conversion is complete.**



An *Synergy* Brands Company

PK-93315-10-00-0A

TO OPERATE

- GREEN LED will remain ON when the lights are OFF
- Facilitates access to switch in the dark.
- Depress push-button switch to ON position
- Lights will turn ON (GREEN LED will turn OFF).
- Move slider control lever – lights will brighten or dim to level set.
- Depress push-button switch to OFF position
- Lights will turn OFF (GREEN LED will turn ON).
- Lights will turn ON at set brightness level (from either switch location in a 3-way installation).

TROUBLESHOOTING

- Light does not turn ON and ON/OFF LED does not turn ON
- Circuit breaker or fuse has tripped.
- Lamp is burned out.
- Lamp is not connected to line Neutral.
- Lights flickering
- Lamp has a bad connection.
- Wires not secured firmly with wire connectors.

**Cat. No. ISD 1200 ADEZ, 277V - For use with
Advance Transformer 277V MarkX™ Electronic Ballasts**

Advance Mark X™ Part No.	Lamp	Max. # Ballasts/Dimmer for Multi-gang		
		Single Gang	Two Ganged	More than 2 Gang
VEZ-1T32	CFM26W/GX24Q	39	39	39
VEZ-1T32	CFM32W/GX24Q	31	31	31
VEZ-1T42	CFM42W/GX24Q	24	24	24
VEZ-2Q26	CFQ26W/G24Q	21	21	21
VEZ-132	F25T8	39	39	39
VEZ-2S32	F25T8	20	20	20
VEZ-3S32	F25T8	14	14	14
VEZ-132	F32T8	33	33	33
VEZ-2S32	F32T8	17	17	17
VEZ-3S32	F32T8	11	11	11
VEZ-1TTS40	FT40W/G11	29	29	29
VEZ-2TTS40	FT40W/G11	14	14	14

Figure 1 – Dimmer Functions

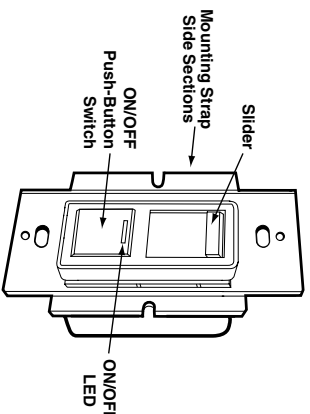
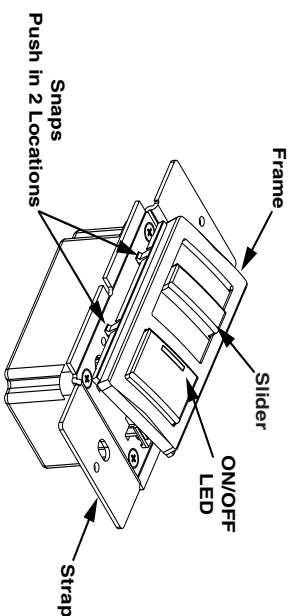
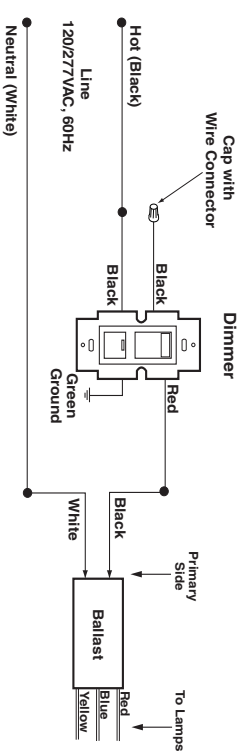


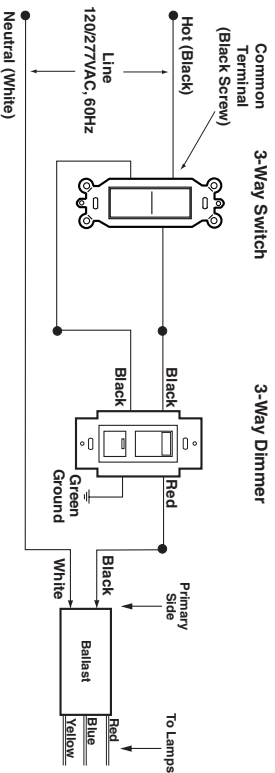
Figure 2 – Color Conversion



Wiring Diagram 1 – Single Control Application



Wiring Diagram 2 – Two Location Control Application



Wiring Diagram 3 – Three Location Control Application

