



| | |
|----------------|------|
| Catalog Number | |
| Notes | Type |

FEATURES

INTENDED USE

To provide smooth, full-range dimming of fluorescent fixtures equipped with the Advance Mark X dimming ballast. These dimmers are ideally suited for use with Lithonia fixtures supplied with the ADEZ dimming option.¹

ATTRIBUTES

Fluid slide movement allows fine adjustment of light level over the entire dimming range. Separate ON/OFF preset switch permits switching the lighting without disturbing the light level setting. ISD Series dimmers are compatible with the DSA Series wallplates and other Decora® devices.

CONSTRUCTION

Strap-mount device is designed to fit standard single- or multi-gang switch boxes.

FINISH

Standard white or ivory finish devices are supplied with a single-gang Decora® style wallplate. Snap-on color change kits are available to allow field color change of the device to gray, black, brown, almond, white or ivory. Color change kits include a matching single-gang Decora® style wallplate.

ELECTRICAL

Uses standard single-pole or three-way wiring. No neutral connection is required.

FUNCTIONAL

Integral push ON/push OFF switch allows lighting to be switched ON and OFF at the level currently set by the slider. Dimmers can be used with standard three-way and four-way switches for applications requiring control from multiple locations.

INSTALLATION

Wall-mounts over standard single-gang switch box. Devices can be ganged into multi-gang assemblies by breaking off the scored aluminum tabs.

LISTING

UL and CSA listed. (NOM)

WARRANTY

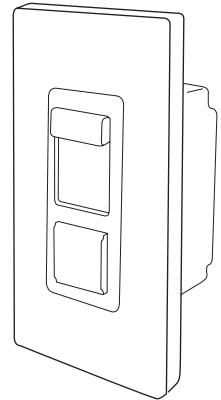
Two-year total customer satisfaction warranty.

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Wallbox Dimmers

ISD ADEZ

FLUORESCENT DIMMER



Shown with optional DSA FP D1 screwless wallplate (order separately)

ORDERING INFORMATION

Example: **ISD 1000 ADEZ 120 IV**

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog number.

| ISD | | ADEZ | | Voltage | | Color ³ | |
|------------|--|--|--|--|--|------------------------------------|--|
| Series | Capacity ² | Lamp Type | | | | | |
| ISD | 600 600 VA at 120 Volts 1000 1000 VA at 120 Volts 1200 1200 VA at 277 Volts | ADEZ Fluorescent (Advance Mark X Ballast) | | 120 120 Volts 277 277 Volts | | IV Ivory WH White | |

NOTES:

- Actual dimming range is determined by the ballast used. Consult the ballast manufacturer for specifications.
- 1200VA unit is not available at 120 volts. 600VA and 1000VA units are not available at 277 volts.
- ISD dimmers are supplied with standard wallplates. Order optional IV ivory or WH white screwless designer wallplates to match dimmer.

Accessories

Order as separate item.

- ISD CCKIT** __ Color change kit, specify WH (White), IV (Ivory), GY (Gray), BR (Brown), BK (Black) or AL (Almond).
- DSA FP D#** __ Ivory screwless thermoplastic wallplate for ISD or Decora® compatible devices. Specify number of gangs (#=1 to 6) and color [WH (white), IV (ivory), GY (gray), BR (brown), BK (black) or AL (almond)].

ISD ADEZ Wallbox Dimmers, Fluorescent Dimmer

SPECIFICATIONS

ELECTRICAL

- Input: 120 VAC or 277 VAC, model specific @ 60Hz.
- Integral RFI noise suppression.
- Standard three-way operation.
- Maximum Loading is model specific.
- Deration required in 120 VAC multi-gang dimmer installations. (See Capacity and Derating tables.)
- No derating is required on 277 volt units. (See Capacity and Derating tables.)

MECHANICAL

- Captured wrap around slide mechanism, 20 mm total travel.
- Air-gap push ON/OFF preset switch.

ENVIRONMENTAL

- Operating range, 0 – 55°C, 20 – 90% relative humidity, non condensing.

CAPACITIES AND DERATING

ISD 600 ADEZ 120 (120 Volt) Table

| Advance Mark X™ Part No. | Lamp Type | Maximum Number Ballast/Dimmer | | |
|--------------------------|------------|-------------------------------|----------|--------------------|
| | | One-Gang | Two-Gang | More than Two-Gang |
| REZ – 2Q26 | PLC 26W | 10 | 8 | 6 |
| REZ – 132 | T8/32W | 16 | 14 | 11 |
| REZ – 2S32 | T8/32W | 8 | 7 | 5 |
| REZ – 3S32 | T8/32W | 5 | 4 | 3 |
| REZ – IT32 | PLT 32-26W | 15 | 12 | 10 |
| REZ – IT42 | PLT 42W | 12 | 10 | 8 |
| REZ – 1TTS40 | CF 40W | 14 | 11 | 9 |
| REZ – 2TTS40 | CF 40W | 7 | 6 | 5 |

ISD 1000 ADEZ 120 (120 Volt) Table

| Advance Mark X™ Part No. | Lamp Type | Maximum Number Ballast/Dimmer | | |
|--------------------------|------------|-------------------------------|----------|--------------------|
| | | One-Gang | Two-Gang | More than Two-Gang |
| REZ – 2Q26 | PLC 26W | 17 | 13 | 11 |
| REZ – 132 | T8/32W | 27 | 22 | 19 |
| REZ – 2S32 | T8/32W | 14 | 11 | 9 |
| REZ – 3S32 | T8/32W | 9 | 7 | 6 |
| REZ – IT32 | PLT 32-26W | 25 | 20 | 17 |
| REZ – IT42 | PLT 42W | 20 | 16 | 14 |
| REZ – 1TTS40 | CF 40W | 23 | 19 | 16 |
| REZ – 2TTS40 | CF 40W | 12 | 9 | 8 |

ISD 1200 ADEZ 277 (277 Volt) Table

| Advance Mark X™ Part No. | Lamp Type | Maximum Number Ballast/Dimmer | | |
|--------------------------|------------|-------------------------------|----------|--------------------|
| | | One-Gang | Two-Gang | More than Two-Gang |
| VEZ – 2Q26 | PLC 26W | 20 | 20 | 20 |
| VEZ – 132 | T8/32W | 33 | 33 | 33 |
| VEZ – 2S32 | T8/32W | 17 | 17 | 17 |
| VEZ – 3S32 | T8/32W | 11 | 11 | 11 |
| VEZ – IT32 | PLT 32-26W | 30 | 30 | 30 |
| VEZ – IT42 | PLT 42W | 24 | 24 | 24 |
| VEZ – 1TTS40 | CF 40W | 28 | 28 | 28 |
| VEZ – 2TTS40 | CF 40W | 14 | 14 | 14 |

NOTE:

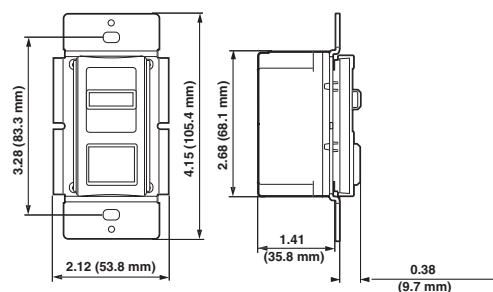
"Two-gang" and "More than Two-Gang" columns indicate dimmer capacity when more than one dimmer is installed under a single multi-gang faceplate.

"Two-gang" = two dimmers under a common faceplate

"More than Two-gang" = more than two dimmers under a common faceplate.

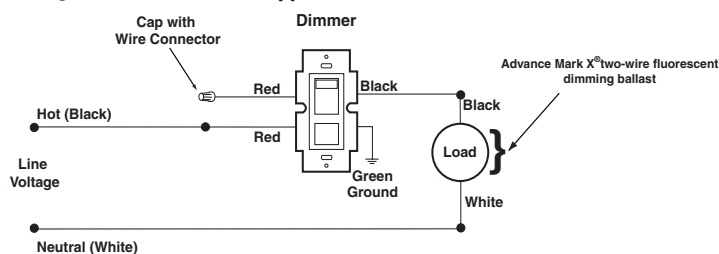
DIMENSIONS

All dimensions are inches (centimeters).

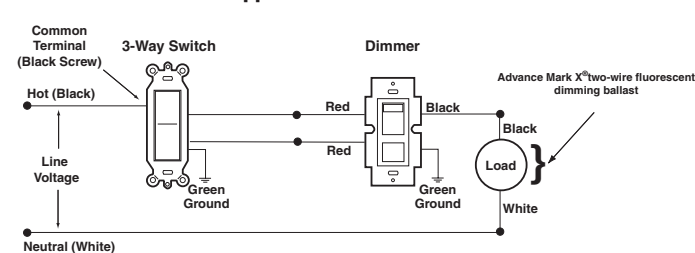


WIRING DIAGRAM

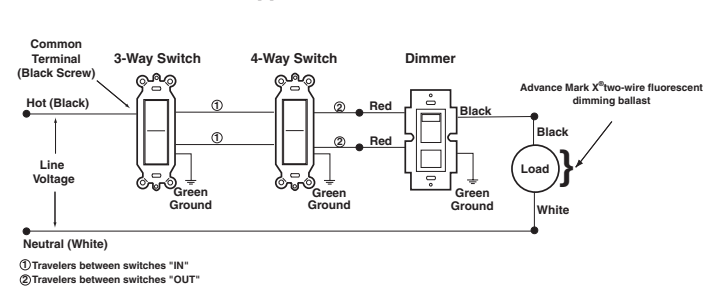
Single-Location Control Application



Two-Location Control Application



Three-Location Control Application



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