INSTALLATION INSTRUCTIONS
READ AND SAVE THESE INSTRUCTIONS!

SUNRISE PRESET SLIDER - ZP600VA/ZP1000VA
SINGLE-POLE, THREE-WAY/MULTI-LOCATION SLIDE DIMMER
FOR PERMANENTLY INSTALLED INDUCTIVE LOADS ONLY
120VAC 60HZ

CAUTION: Before installing control, disconnect power at circuit breaker or remove fuse to avoid electrical shock or damage to the control. It is recommended that an electrician perform this installation.

INSTALLATION INSTRUCTIONS:
SINGLE-POLE INSTALLATION
1. Disconnect power as stated above. Pull "Power Off" lever out from upper left side of dimmer.
2. Remove faceplate and remove existing switch from wallbox.
3. Connect the preset slider’s Red wire lead to the load wire removed from the existing switch, using a wire nut.
4. Wire the preset slide’s Black wire lead to the “Hot” wire removed from existing switch, using wire nut.
5. Wire the preset slide’s White wire lead to the Neutral wire from the wallbox, using a wire nut.
6. Cap off the dimmer’s yellow lead with a wire nut, making sure that no bare wire is exposed. The yellow lead is for three-way or multi-location installations only. Do not connect yellow lead to ground wire.
7. NOTE: Be sure the dimmer’s metal strap is properly grounded.
8. With ON/OFF pushbutton at low end of dimmer, place unit in the wallbox and screw into place.
9. Push "Power Off" lever back in toward dimmer and restore power.

10. Adjusting the Low Level Set Feature (Low End Trim):
With the slide knob at its lowest setting (close to the pushbutton) turn the control “On” by pressing the pushbutton. LED should be “Off.” If output at low setting is unsatisfactory for load being controlled, change this low end output level by adjusting the trim setting through the access opening in the front of the mounting yoke as shown. Be sure to use a small, insulated, flat-tipped screwdriver. CAUTION: Some lamp and Inductive Load manufacturers specify minimum acceptable trim levels. Consult instructions supplied with the device to be controlled.
11. Turn power off to replace decorator-style faceplate (not included), then restore power once again. See Operating Instructions.
THREE-WAY INSTALLATION

IMPORTANT: In multi-location installations you must identify which wallbox contains the load wire and install the Sunrise Preset Slider into that box. If miswired, dimmer will not function properly. ZPR-3 Remotes only must be installed into the other wallboxes. Do not use any other on/off switch for 3-way or multi-location control with preset slides.

1. Disconnect power and pull "Power Off" lever out from upper left side of dimmer.
2. The Black wire from the preset slider should be connected to the "Hot" wire from the breaker. The "Hot" wire should also be connected to the Black wire of the Sunrise Preset Remote ZPR-3. Use wire nuts provided.
3. The Red wire from the preset slider should be connected to the "Load" wire, using a wire nut provided.
4. The White wire from the preset slider should be connected to the Neutral wire from the wallbox, using a wire nut provided.
5. The Yellow wire from the preset slide dimmer should be connected to the Yellow wire from the Sunrise Preset Remote ZPR-3 through a traveller wire. Use wire nuts provided.
6. NOTE: Be sure remote metal strap is properly grounded.
7. If Low End Output Level adjustment is required, refer to #10 under Single Pole Installation.

![3-WAY WIRING Diagram](image)

MULTI-LOCATION FOUR-WAY OR GREATER INSTALLATION

Two or more ZPR-3's (Preset Slide Remotes) may be wired to one Sunrise Preset Slide Dimmer for additional (more than 2) points of control. These remotes afford switching capability to the preset level of the dimmer. See wiring diagram below for multi-location installations.

"MASTERING" SUNRISE PRESET SLIDE DIMMERS

Up to 10 Sunrise Preset Slide Dimmers (or Neptune [Momentum] Preset Slides) may be "Mastered" by one or more Sunrise Preset Remotes ZPR-3. All the preset sliders wired to the ZPR-3 will simultaneously turn "On" to their preset levels or "Off" when either the top or bottom of the ZPR-3 is tapped. See diagram.

NOTE: One Master should always be mounted alongside the gang of sliders being mastered.
LOW-VOLTAGE INCandescent LOADS:
1) For best performance all models require adherence to the suggested minimum loads per wattage rating.
2) Transformer is usually part of the fixture.
3) Fuse protect each transformer as recommended by transformer manufacturer.
4) CAUTION: Connect this inductive dimmer only in a 120VAC 60HZ circuit to control the primary side of a transformer-supplied incandescent load. Maximum VA rating of the dimmer applies to the transformer input load, not the load on the secondary. For safety, the metal mounting yoke of the dimmer should be grounded when using plastic wallboxes.

NEON/COLD CATHODE LOADS:
1) For best performance all models require adherence to the suggested minimum loads per wattage rating.
2) Transformer is usually part of the fixture.
3) Fuse protect each transformer as recommended by transformer manufacturer.
4) CAUTION: Connect this inductive dimmer only in a 120VAC 60HZ circuit to control the primary side of a transformer-supplied incandescent load. Maximum VA rating of the dimmer applies to the transformer input load, not the load on the secondary. For safety, the metal mounting yoke of the dimmer should be grounded when using plastic wallboxes.
5) For neon/cold cathode loads use low power factor transformers only. For longer neon/cold cathode tubes (10 ft.) it is recommended that the transformer be oversided by 20% to assure proper low level dimming. It is also recommended that the electrical leads between the transformer and lamp be of the same length to the anode and cathode. This helps assure transformer output symmetry at lower levels.

1000VA MODELS ONLY: MULTIPLE GANG INSTALLATION
For proper fit in a multiple installation, it may be necessary to remove one or both sides of the metal strap prior to connection of the wire leads. VA reduction is required according to De-rating Chart.

<table>
<thead>
<tr>
<th>DE-RATING CHART</th>
</tr>
</thead>
<tbody>
<tr>
<td># Sides Removed</td>
</tr>
<tr>
<td>-------------------</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

WARNING: If sides are removed, care should be taken in handling dimmer due to sharp edges.

MULTI-GANG INSTALLATIONS
OPERATING INSTRUCTIONS

1. From "Off" (Red LED illuminated) press pushbutton at base of dimmer. Lights will turn on to their preset intensity and the Red LED will no longer glow.

2. To change lighting level, slide knob up or down until desired output is reached.

3. Press pushbutton to turn dimmer "Off". Red LED glows to indicate "Off" status and serves as a locator in the dark.

SPECIAL NOTES

- The Sunrise Preset sliders can be loaded to their full VA rating.
- There is no derating when ganging 600VA preset slide dimmers.
- When ganging the 1000VA Sunrise Preset Slides they must be derated in accordance with the following chart:

<table>
<thead>
<tr>
<th>DE-RATING CHART FOR 1000VA SLIDERS</th>
</tr>
</thead>
<tbody>
<tr>
<td># Sides Removed</td>
</tr>
<tr>
<td>-----------------</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

- Lightolier recommends using Leviton brand faceplates with the 1000VA Sunrise Preset Slide for optimal coverage and alignment with wall surface.
- If lamp burns out, the Red LED will not remain illuminated. Place preset slider in "System Off" mode (lever out) and change lamp.
- The Sunrise Preset Slide may feel warm to the touch in normal operation.
- If Low End Output Level adjustment is required, refer to #10 under Single Pole Installation.
- For technical assistance, comments or questions call toll-free: 1-800-526-2731.

2 YEAR LIMITED WARRANTY

Lightolier warrants that this product will be free from defect in workmanship or materials. This warranty is void on any electronic controls which have been overloaded, abused, improperly installed or altered in any manner.

Lightolier’s sole obligation will be at its option to repair or replace any electronic controls product proven defective if it is returned, postage prepaid, to Lightolier Controls, 2413 S. Shiloh Road, Garland, TX 75041, within 2 years of the date of shipment from Lightolier. Lightolier will not pay for any charge-back or charge for labor on material that does not have its prior written approval.

This warranty shall be in lieu of any other warranty, express or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose. Some states do not allow limitations on how long an implied warranty lasts and do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

NOTE: Exchange of products covered by warranty should be handled through your original supply source.

Lightolier warrants that this product will be free from defect in workmanship or materials. This warranty is void on any electronic controls which have been overloaded, abused, improperly installed or altered in any manner.

Lightolier’s sole obligation will be at its option to repair or replace any electronic controls product proven defective if it is returned, postage prepaid, to Lightolier Controls, 2413 S. Shiloh Road, Garland, TX 75041, within 2 years of the date of shipment from Lightolier. Lightolier will not pay for any charge-back or charge for labor on material that does not have its prior written approval.

This warranty shall be in lieu of any other warranty, express or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose. Some states do not allow limitations on how long an implied warranty lasts and do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

NOTE: Exchange of products covered by warranty should be handled through your original supply source.

Lightolier warrants that this product will be free from defect in workmanship or materials. This warranty is void on any electronic controls which have been overloaded, abused, improperly installed or altered in any manner.

Lightolier’s sole obligation will be at its option to repair or replace any electronic controls product proven defective if it is returned, postage prepaid, to Lightolier Controls, 2413 S. Shiloh Road, Garland, TX 75041, within 2 years of the date of shipment from Lightolier. Lightolier will not pay for any charge-back or charge for labor on material that does not have its prior written approval.

This warranty shall be in lieu of any other warranty, express or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose. Some states do not allow limitations on how long an implied warranty lasts and do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

NOTE: Exchange of products covered by warranty should be handled through your original supply source.

Lightolier warrants that this product will be free from defect in workmanship or materials. This warranty is void on any electronic controls which have been overloaded, abused, improperly installed or altered in any manner.

Lightolier’s sole obligation will be at its option to repair or replace any electronic controls product proven defective if it is returned, postage prepaid, to Lightolier Controls, 2413 S. Shiloh Road, Garland, TX 75041, within 2 years of the date of shipment from Lightolier. Lightolier will not pay for any charge-back or charge for labor on material that does not have its prior written approval.

This warranty shall be in lieu of any other warranty, express or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose. Some states do not allow limitations on how long an implied warranty lasts and do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

NOTE: Exchange of products covered by warranty should be handled through your original supply source.

Lightolier warrants that this product will be free from defect in workmanship or materials. This warranty is void on any electronic controls which have been overloaded, abused, improperly installed or altered in any manner.

Lightolier’s sole obligation will be at its option to repair or replace any electronic controls product proven defective if it is returned, postage prepaid, to Lightolier Controls, 2413 S. Shiloh Road, Garland, TX 75041, within 2 years of the date of shipment from Lightolier. Lightolier will not pay for any charge-back or charge for labor on material that does not have its prior written approval.

This warranty shall be in lieu of any other warranty, express or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose. Some states do not allow limitations on how long an implied warranty lasts and do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

NOTE: Exchange of products covered by warranty should be handled through your original supply source.