

### Standard Installation

# ROUND BACK BOX

LOW VOLTAGE



Flammable



Warning



Low Voltage



Hot Surface

#### TOOLS NEEDED:



- 1/8" Allen Wrench
- Waterproof Wire Connectors
- Phillips Screwdriver

### INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS IMPORTANT SAFETY INSTRUCTIONS

#### Lighted fixture is HOT!

#### WARNING - To reduce the risk of FIRE OR INJURY TO PERSONS:

Turn off/unplug and allow to cool before replacing lamp/LED. Fixture gets HOT quickly! Contact only switch/plug when turning on. Do not touch hot lens, guard, or enclosure. Keep fixture away from materials that may burn. Do not operate the luminaire fitting with a missing or damaged shield. Do not touch the source at any time. Use a soft cloth or gloves. Oil from skin may cause damage.

**SAVE THESE INSTRUCTIONS**

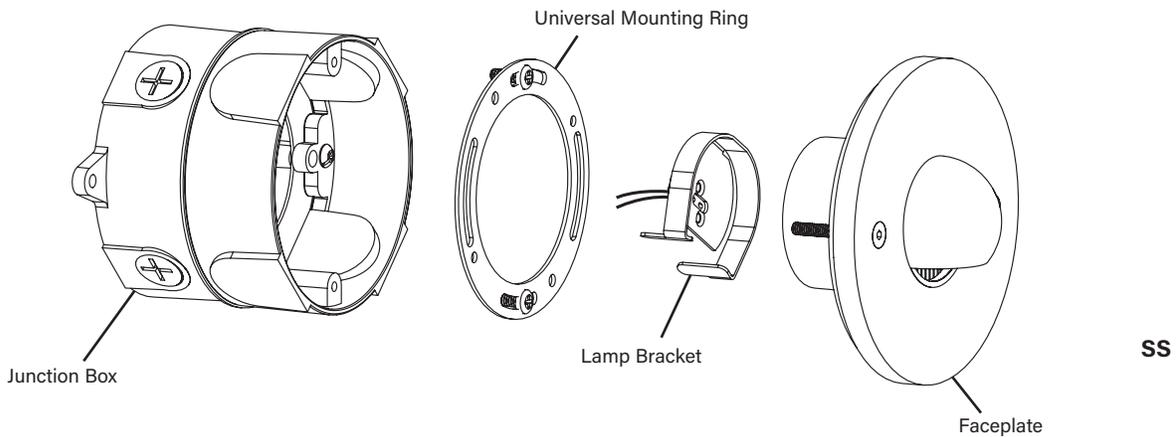
### IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS

- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and instructions.
- Qualified Personnel with appropriate personal protective equipment must perform all servicing of this product.
- Before wiring to power supply and during servicing, turn off and lock out power at fuse or circuit breaker before service.
- The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. The use of damaged components may cause an unsafe condition and void product warranty.
- Do not block light emanating from product in whole or part, as this may cause an unsafe condition.
- Never operate the fixture with missing or damaged lens. Lens must be cleaned on regular basis.
- Entire fixture may become extremely hot. Do not touch hot lens or fixture body.
- Replace LED assembly only with correct wattage and type of power supply appropriate for LED assembly.
- All gaskets, o-rings and sealing surfaces must be kept clean during installation and service; failure to do this may cause an unsafe condition and void product warranty.

### IMPORTANT LISTINGS AND CERTIFICATIONS

- Suitable for wet location
- Additionally suitable for mounting within 4 ft. of the ground
- Type Non-IC

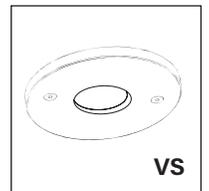
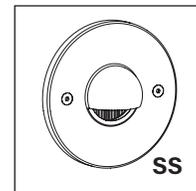
Please refer to the low voltage design guide at [www.bklighting.com/lvguide](http://www.bklighting.com/lvguide) before installation for proper wire selection.



### This set of instructions works for:

**SS** - Step Star (A or B)

**VS** - Versa Star



### IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE THESE INSTALLATION INSTRUCTIONS

# B-K LIGHTING

40429 Brickyard Drive • Madera, CA 93636 • USA  
 559.438.5800 • FAX 559.438.5900  
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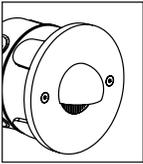
RELEASE DATE  
05/15/2023

REFERENCE NUMBER  
INS-1496-00

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# ROUND BACK BOX

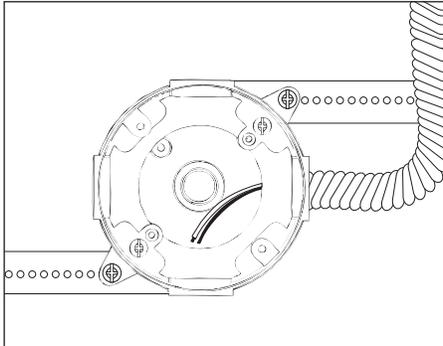
LOW VOLTAGE



## Standard Installation

### Phase 1 - Rough In

Installation of Back box

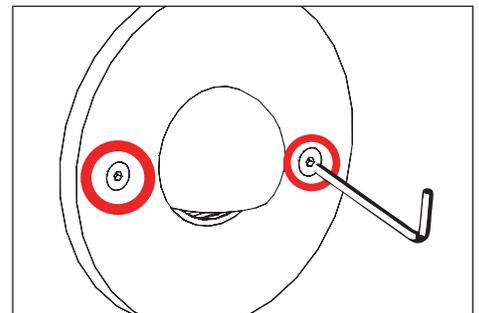
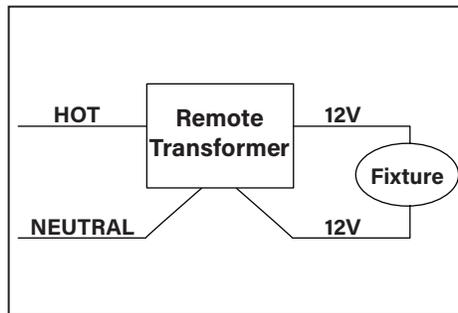
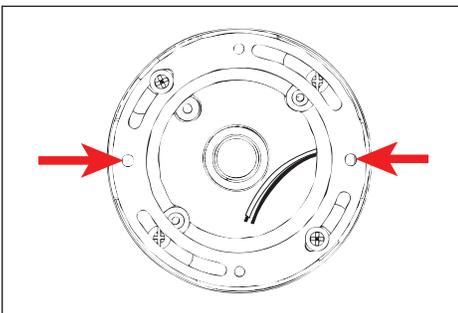


#### Additional Info

- Please follow National and Local electrical codes for your area.
- 4" round cast box.
- Suitable for through wire.
- Suitable for installation into combustible materials.
- Rated for 90° C.

1. Install conduit (not included) to be used with this product.
2. Install junction box so that front face is flush with finished wall or ceiling.
3. Connect box to conduit and pull wires for connections (**See Wiring diagram**).

### Phase 2 - Finish Installation of Fixture with Remote Transformer



1. Remove #10-24 phillips screws from mounted back box. Install universal mounting ring (included with faceplate) using #10-24 screws onto back box. Align faceplate mounting holes to final mounting position.

#### WIRING DIAGRAM

2. Make watertight connections from remote transformer to fixture leads using waterproof wire connectors (not included). **See wiring diagram.**

3. Mount faceplate using two (2) #10-24 screws with a 1/8" allen wrench. Tighten to compress gasket. **Do not over tighten.**

**IMPORTANT SAFETY INFORMATION LISTED ON REVERSE  
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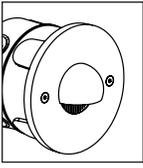


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### Standard Installation



Flammable



Warning



Low Voltage



Hot Surface

# ROUND BACK BOX

LOW VOLTAGE - ADJUSTABLE BRACKET

#### TOOLS NEEDED:

- 1/8" Allen Wrench
- Waterproof Wire Connectors
- Phillips Screwdriver

### INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS IMPORTANT SAFETY INSTRUCTIONS

#### Lighted fixture is HOT!

#### WARNING - To reduce the risk of FIRE OR INJURY TO PERSONS:

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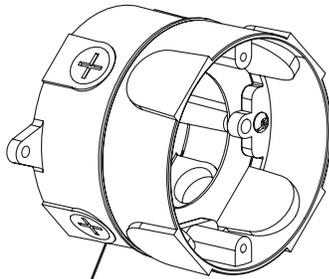
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- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and instructions.
- Qualified Personnel with appropriate personal protective equipment must perform all servicing of this product.
- Before wiring to power supply and during servicing, turn off and lock out power at fuse or circuit breaker before service.
- The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. The use of damaged components may cause an unsafe condition and void product warranty.
- Do not block light emanating from product in whole or part, as this may cause an unsafe condition.
- Never operate the fixture with missing or damaged lens. Lens must be cleaned on regular basis.
- Entire fixture may become extremely hot. Do not touch hot lens or fixture body.
- Replace LED assembly only with correct wattage and type of power supply appropriate for LED assembly.
- All gaskets, o-rings and sealing surfaces must be kept clean during installation and service; failure to do this may cause an unsafe condition and void product warranty.

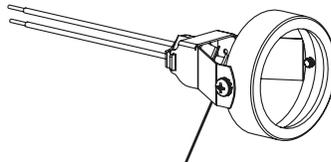
### IMPORTANT LISTINGS AND CERTIFICATIONS

- Suitable for wet location
- Additionally suitable for mounting within 4 ft. of the ground
- Type Non-IC

Please refer to the low voltage design guide at [www.bklighting.com/lvguide](http://www.bklighting.com/lvguide) before installation for proper wire selection.

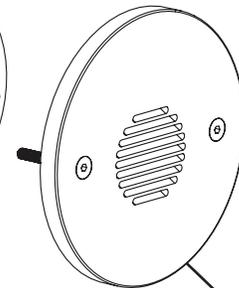
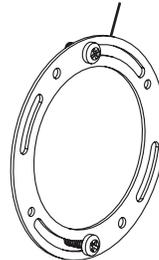


Junction Box



Adjustable Lamp Bracket

Universal Mounting Ring

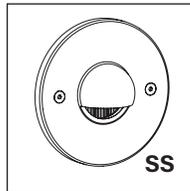


Faceplate

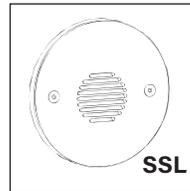
SSL

This set of instructions works for:

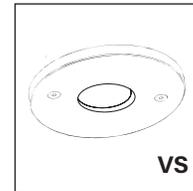
- SS - Step Star (A or B)
- SSL - Step Star Louver
- VS - Versa Star
- VSL - Versa Star Louver



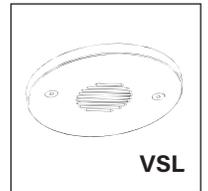
SS



SSL



VS



VSL

### IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE THESE INSTALLATION INSTRUCTIONS

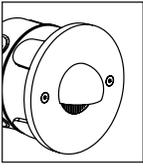
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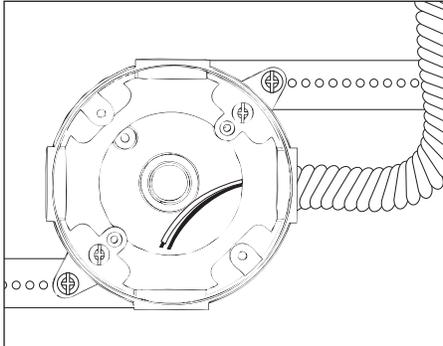
# ROUND BACK BOX

LOW VOLTAGE - ADJUSTABLE BRACKET

## Standard Installation

### Phase 1 - Rough In

Installation of Back box

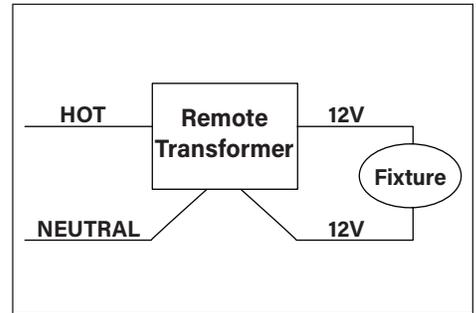
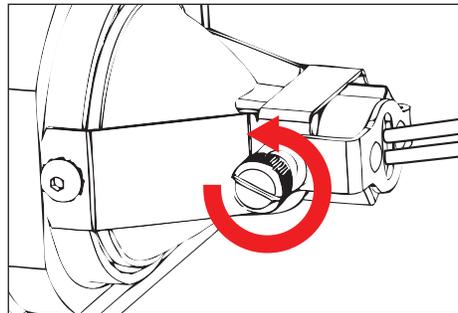
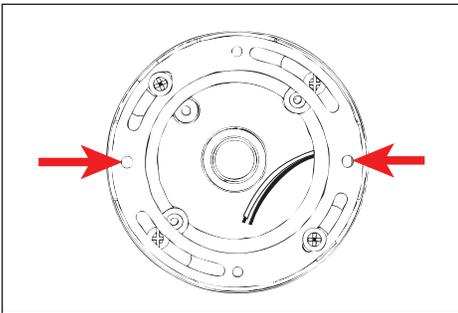


#### Additional Info

- Please follow National and Local electrical codes for your area.
- 4" round cast box.
- Suitable for through wire.
- Suitable for installation into combustible materials.
- Rated for 90° C.

1. Install conduit (not included) to be used with this product.
2. Install junction box so that front face is flush with finished wall or ceiling.
3. Connect box to conduit and pull wires for connections (**See Wiring diagram**).

### Phase 2 - Finish Installation of Fixture with Remote Transformer

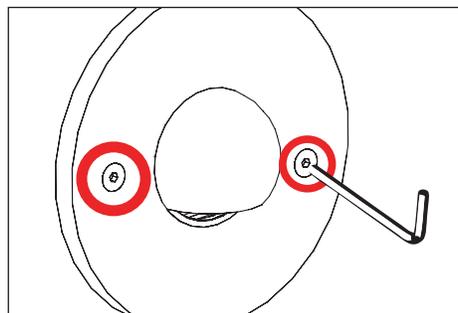
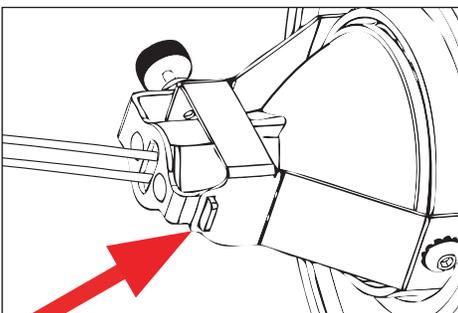


1. Remove #10-24 phillips screws from mounted back box. Install universal mounting ring (included with faceplate) using #10-24 screws onto back box. Align faceplate mounting holes to final mounting position.
2. To install lamp (if needed), remove socket assembly from faceplate housing by loosening thumbscrew. Do not exceed wattage on label.

#### WIRING DIAGRAM

**⚠ Low Voltage - For use with 12VAC remote transformer.**

3. Make watertight connections from remote transformer to lamp leads using waterproof wire connectors (not included). **See wiring diagram.**



4. Insert tab from socket into notch on adjustable lamp bracket, then tighten thumbscrew.
5. Mount faceplate using two (2) #10-24 screws with a 1/8" allen wrench. Tighten to compress gasket. **Do not over tighten.**

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### Standard Installation

# ROUND BACK BOX

## LOW VOLTAGE - THERMAL PROTECTOR



Flammable



Warning



Low Voltage



Hot Surface

#### TOOLS NEEDED:



- 1/8" Allen Wrench
- Waterproof Wire Connectors
- Phillips Screwdriver

### INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS IMPORTANT SAFETY INSTRUCTIONS

#### Lighted fixture is HOT!

#### WARNING - To reduce the risk of FIRE OR INJURY TO PERSONS:

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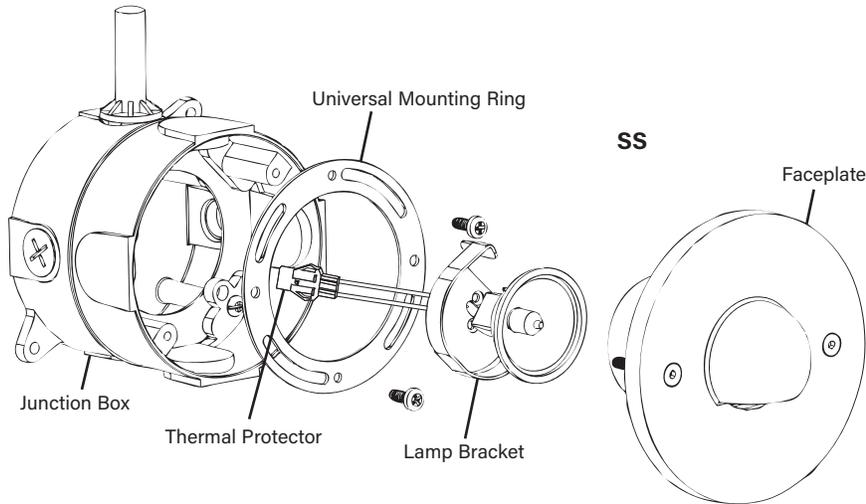
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- The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. The use of damaged components may cause an unsafe condition and void product warranty.
- Do not block light emanating from product in whole or part, as this may cause an unsafe condition.
- Never operate the fixture with missing or damaged lens. Lens must be cleaned on regular basis.
- Entire fixture may become extremely hot. Do not touch hot lens or fixture body.
- Replace LED assembly only with correct wattage and type of power supply appropriate for LED assembly.
- All gaskets, o-rings and sealing surfaces must be kept clean during installation and service; failure to do this may cause an unsafe condition and void product warranty.

### IMPORTANT LISTINGS AND CERTIFICATIONS

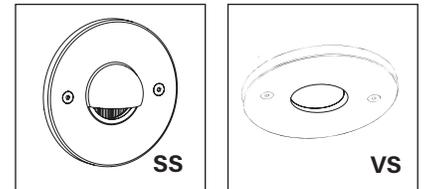
- Suitable for wet location
- Additionally suitable for mounting within 4 ft. of the ground
- Type Non-IC

Please refer to the low voltage design guide at [www.bklighting.com/lvguide](http://www.bklighting.com/lvguide) before installation for proper wire selection.



**This set of instructions works  
for:**

- SS - Step Star (A or B)
- VS - Versa Star



### IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE THESE INSTALLATION INSTRUCTIONS

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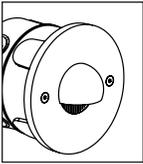
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# ROUND BACK BOX

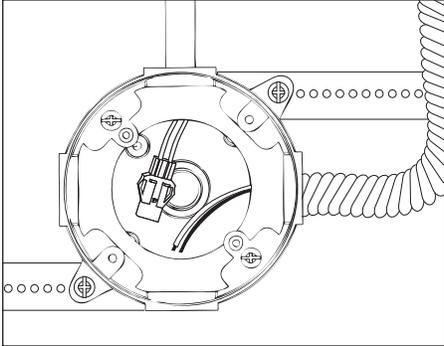
LOW VOLTAGE - THERMAL PROTECTOR



## Standard Installation

### Phase 1 - Rough In

Installation of Back box

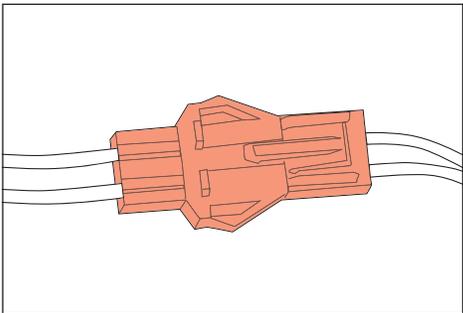
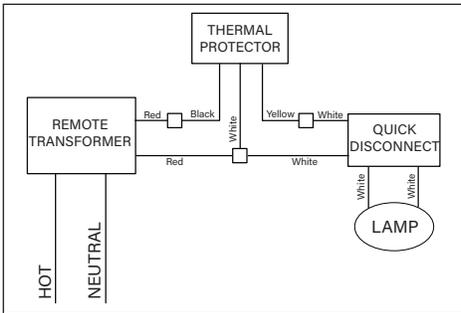
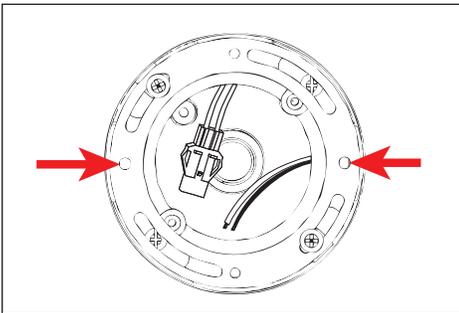


#### Additional Info

- Please follow National and Local electrical codes for your area.
- 4" round cast box.
- Suitable for through wire.
- Suitable for installation into combustible materials.
- Rated for 90° C.

1. Install conduit (not included) to be used with this product.
2. Install junction box so that front face is flush with finished wall or ceiling.
3. Connect box to conduit and pull wires for connections (See Wiring diagram).

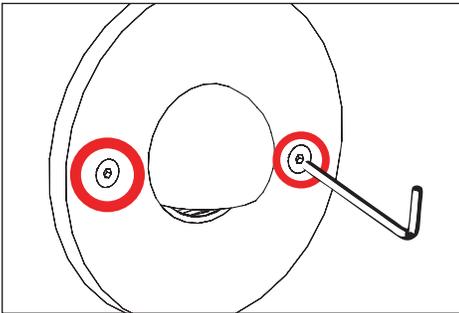
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1. Remove #10-24 phillips screws from mounted back box. Install universal mounting ring (supplied with faceplate) using #10-24 screws onto back box. Align faceplate mounting holes to final mounting position.

- WIRING DIAGRAM**
- ⚠ Low Voltage - For use with 12VAC remote transformer.**
2. Make watertight connections from remote transformer to thermal protector using waterproof wire connectors (not included). See wiring diagram.

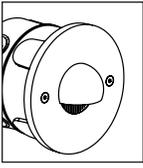
3. Connect quick disconnect from thermal protector to lamp leads.
4. Re-insert socket assembly into faceplate.



5. Mount faceplate using two (2) #10-24 screws with a 1/8" allen wrench. Tighten to compress gasket. Do not over tighten.

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### Standard Installation

# ROUND BACK BOX

## LOW VOLTAGE - THERMAL PROTECTOR & ADJUSTABLE BRACKET



Flammable



Warning



Low Voltage



Hot Surface

#### TOOLS NEEDED:



- 1/8" Allen Wrench
- Waterproof Wire Connectors
- Phillips Screwdriver

### INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS IMPORTANT SAFETY INSTRUCTIONS

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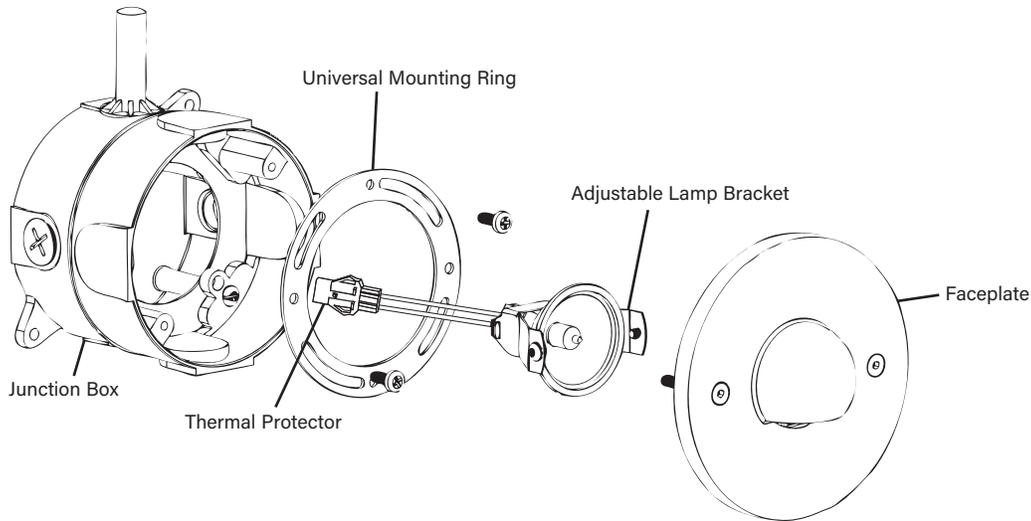
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- Do not block light emanating from product in whole or part, as this may cause an unsafe condition.
- Never operate the fixture with missing or damaged lens. Lens must be cleaned on regular basis.
- Entire fixture may become extremely hot. Do not touch hot lens or fixture body.
- Replace LED assembly only with correct wattage and type of power supply appropriate for LED assembly.
- All gaskets, o-rings and sealing surfaces must be kept clean during installation and service; failure to do this may cause an unsafe condition and void product warranty.

### IMPORTANT LISTINGS AND CERTIFICATIONS

- Suitable for wet location
- Additionally suitable for mounting within 4 ft. of the ground
- Type Non-IC

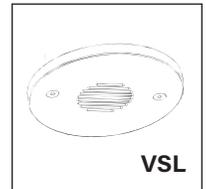
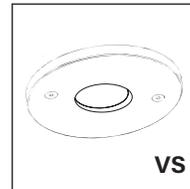
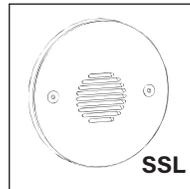
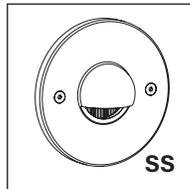
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SS

#### This set of instructions works for:

- SS - Step Star (A or B)
- SSL - Step Star Louver
- VS - Versa Star
- VSL - Versa Star Louver



### IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE THESE INSTALLATION INSTRUCTIONS

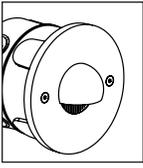
# B-K LIGHTING

40429 Brickyard Drive • Madera, CA 93636 • USA  
 559.438.5800 • FAX 559.438.5900  
[www.bklighting.com](http://www.bklighting.com) • [info@bklighting.com](mailto:info@bklighting.com)

RELEASE DATE  
 05/15/2023

REFERENCE NUMBER  
 INS-1496-00

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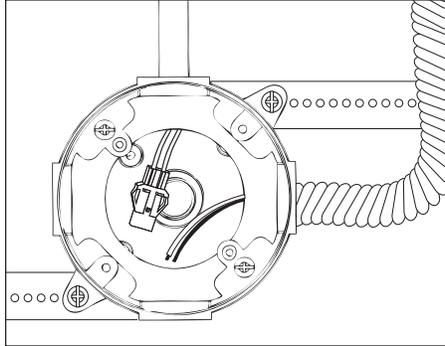
# ROUND BACK BOX

LOW VOLTAGE - THERMAL PROTECTOR & ADJUSTABLE BRACKET

## Standard Installation

### Phase 1 - Rough In

Installation of Back box

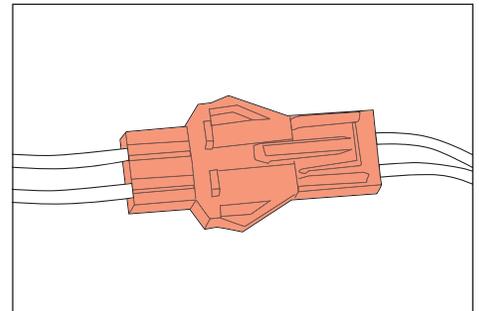
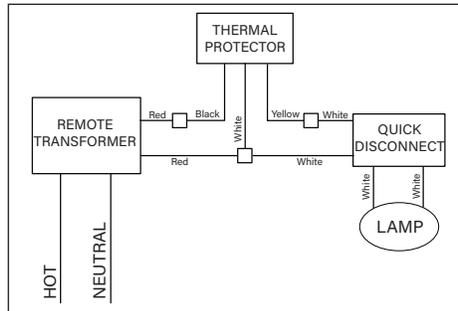
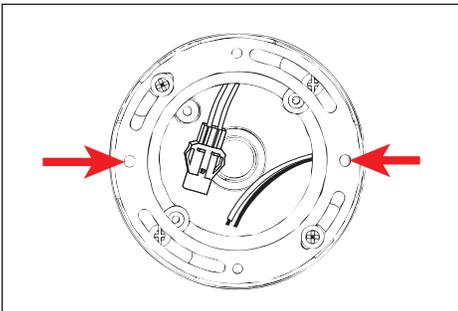


#### Additional Info

- Please follow National and Local electrical codes for your area.
- 4" round cast box.
- Suitable for through wire.
- Suitable for installation into combustible materials.
- Rated for 90° C.

1. Install Conduit (By Others) to be used with this product.
2. Install junction box so that front face is flush with finished wall or ceiling.
3. Connect box to conduit and pull wires for connections (See Wiring diagram).

### Phase 2 - Finish Installation of Fixture with Remote Transformer



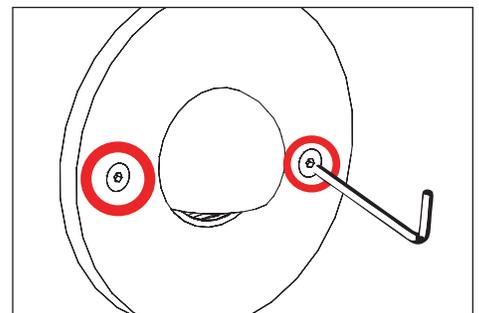
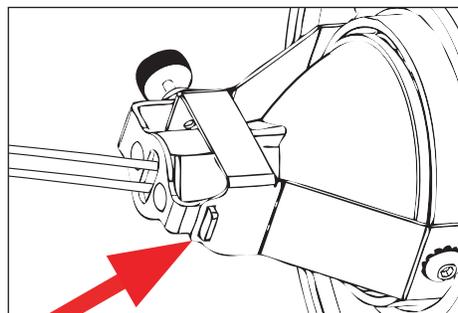
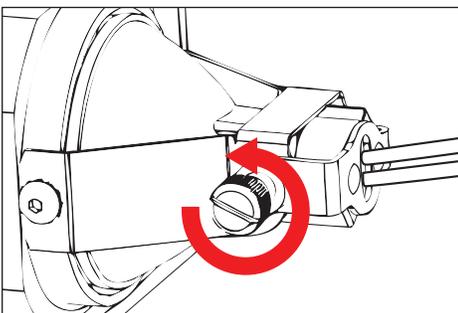
1. Remove #10-24 phillips screws from mounted back box. Install universal mounting ring (included with faceplate) using #10-24 screws onto back box. Align faceplate mounting holes to final mounting position.

#### WIRING DIAGRAM

**⚠ Low Voltage - For use with 12VAC remote transformer.**

2. Make watertight connections from remote transformer to thermal protector using waterproof wire connectors (not included). See wiring diagram.

3. Connect quick disconnect from thermal protector to lamp leads.
4. Re-insert socket assembly into faceplate.



5. To install lamp (if needed), remove socket assembly from faceplate housing by loosening thumbscrew. Do not exceed wattage on label.
6. Insert tab from socket into notch on adjustable lamp bracket, then tighten thumbscrew.
7. Mount faceplate using two (2) #10-24 screws with a 1/8" allen wrench. Tighten to compress gasket. **Do not over tighten.**

**IMPORTANT SAFETY INFORMATION LISTED ON REVERSE  
READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS**



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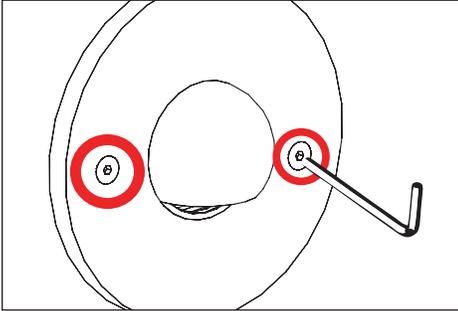


## Standard Installation

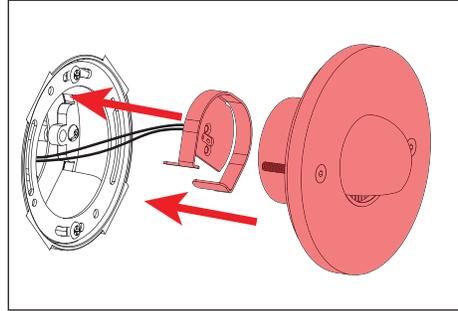
# ROUND BACK BOX

LOW VOLTAGE - THERMAL PROTECTOR & ADJUSTABLE BRACKET

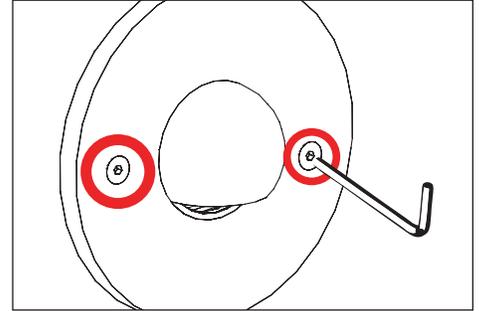
## Replacing Lamp



1. Use a 1/8" allen wrench to loosen #10-24 stainless faceplate screws to remove faceplate.



2. Remove socket assembly from faceplate housing. Replace lamp, then reinstall socket assembly into faceplate. Do not exceed maximum wattage on label.



3. Mount faceplate using two (2) #10-24 screws with a 1/8" allen wrench. Tighten to compress gasket. **Do not over tighten.**

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