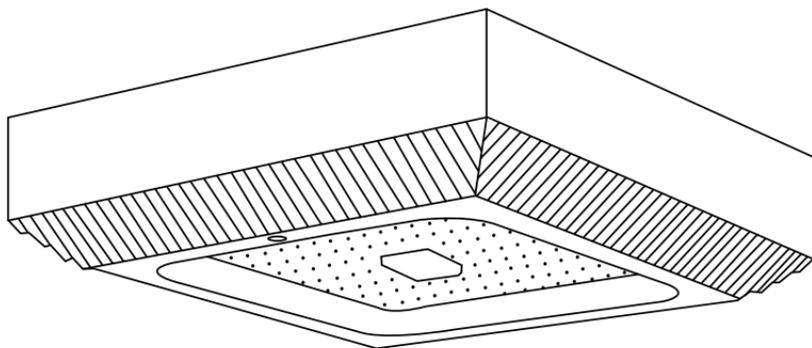
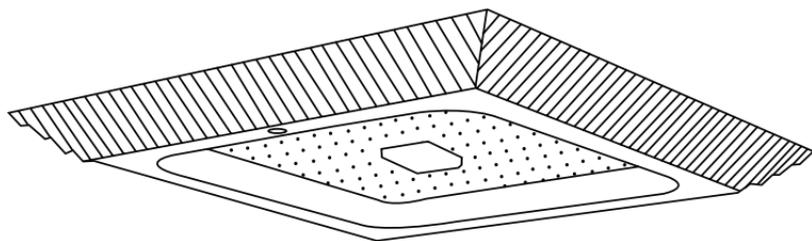




Installation Manual  
**R2T Canopy/Low Ceiling Series**



## NEW INSTALLATION

PLEASE READ ENTIRE DOCUMENT BEFORE INSTALLATION

**WARNING:** Improper installation could result in product damage and void all warranties.

**WARNING:** Disconnect all power before servicing.

**Risk of electrical shock or fire.**

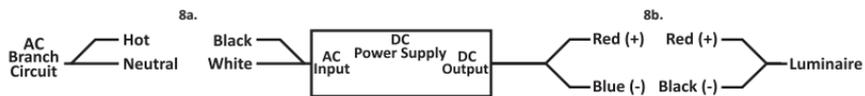
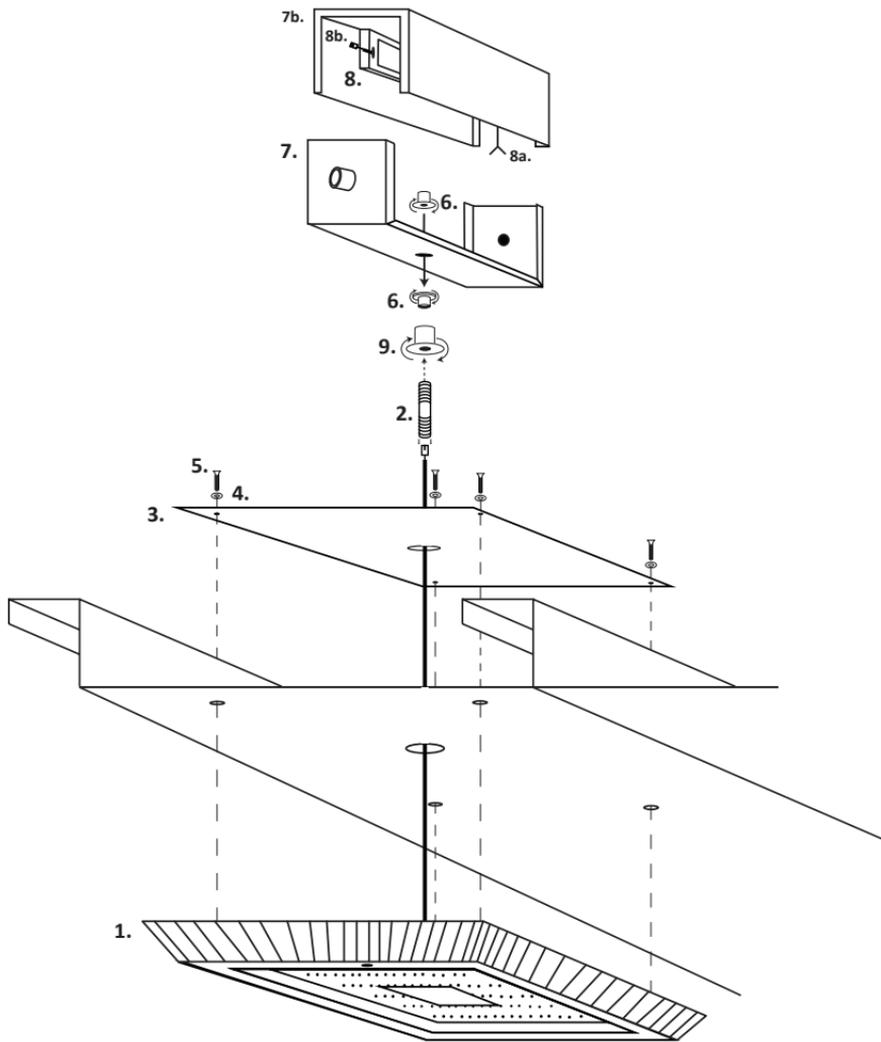
**Tools Required:** Drill, 1/4" drill bit, 1 1/8" step bit or metal hole saw, 10mm nut driver, Philips screwdriver

## PARTS LIST

1. Fixture
2. 4" Conduit nipple
3. Mounting template/back plate
4. M6x12mm washers (4x)
5. M6x8mm hex head screws (4x)
6. Conduit nuts (2x)
7. Power supply box
  - 7b. Power supply box lid
8. Power supply
9. Center mounting nut

## INSTRUCTIONS

1. Using supplied template (Part 3), center and mark holes on top of canopy
2. Drill 4 x 1/4" holes for mounting and 1 x 1 1/8" center hole for cable stem
3. Apply caulk around all five holes including center hole
4. While holding the fixture from underneath, run the DC wire of luminaire through center hole on canopy
5. Align the holes on the fixture with those drilled on the canopy
6. Align the backplate with holes on top of canopy
7. Thread supplied M6x8mm screws (Part 5) from above through 12mm washers (Part 4), canopy and into threaded holes on fixture. Tighten and silicone to seal
8. Attach conduit nipple (Part 2) to threaded center hole of fixture
9. Apply caulk around the center thread of the fixture then thread center mount nut (Part 9) to the center of fixture
10. Screw 1x conduit nut (Part 6) to top of conduit nipple, place power supply box (Part 7) onto conduit nipple and secure with second conduit nut (Part 6)
11. Attach power supply box to branch circuit conduit in accordance with National Electric Code and local codes
12. Attach AC side (8a.) of power supply (Part 8) to branch circuit (Black = Live/White = Neutral) in accordance with National Electric Code and local codes
13. Attach the red (+) wire from power supply to red (+) wire from luminaire and the blue (-) wire from power supply to black (-) wire from luminaire (8b.)
14. Attach power supply box lid (Part 7b.)



# SCOTTSDALE® RETROFIT

PLEASE READ ENTIRE DOCUMENT BEFORE INSTALLATION

**WARNING: Improper installation could result in product damage and void all warranties.**

**WARNING: Disconnect all power before servicing.**

**Risk of electrical shock or fire.**

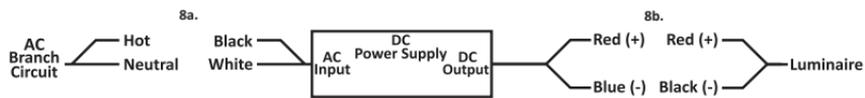
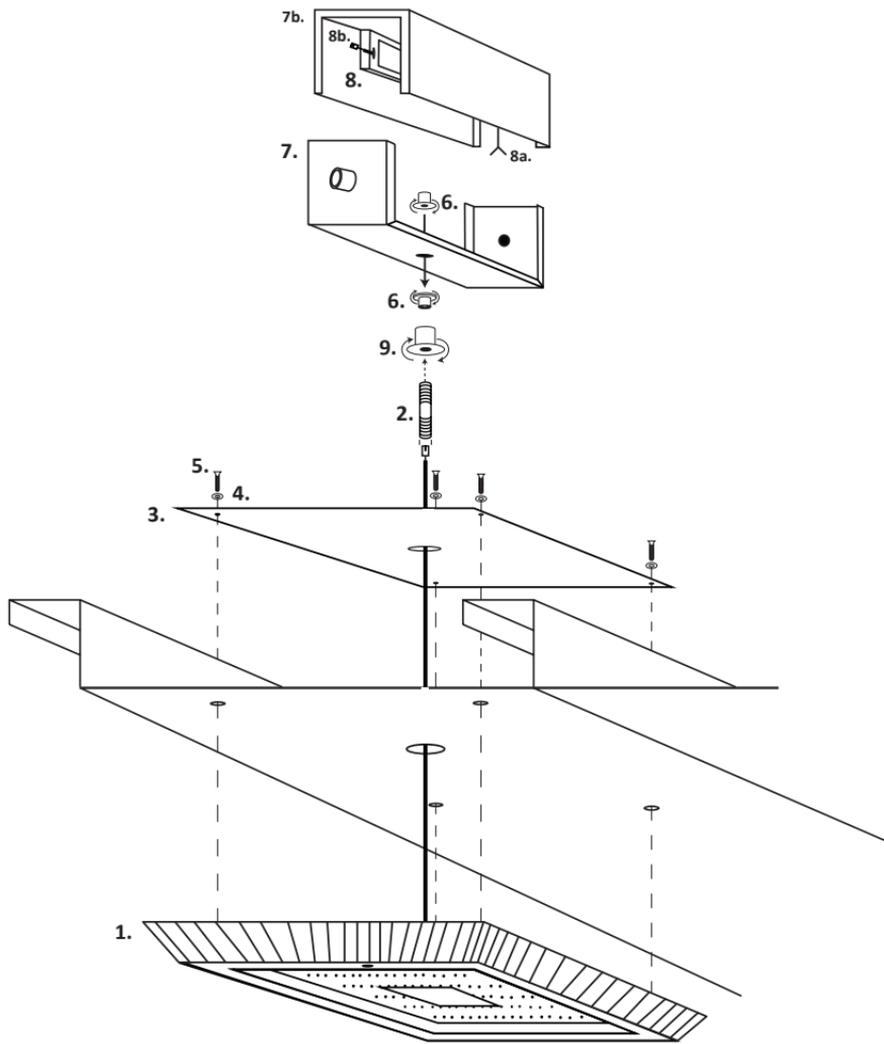
**Tools Required:** Drill, 1/4" drill bit, 1 1/4" step bit or metal hole saw, 10mm nut driver, Philips screwdriver

## PARTS LIST

1. Fixture
2. 4" Conduit nipple
3. Mounting template/back plate
4. M6x12mm washers (4x)
5. M6x8mm hex head screws (4x)
6. Conduit nuts (2x)
7. Power supply box
  - 7b. Power supply box lid
8. Power supply
9. Center mounting nut

## INSTRUCTIONS

1. Using supplied template (Part 3), center and mark holes on top of canopy
2. Drill 4 x 1/4" holes for mounting and 1 x 1 1/8" center hole for cable stem
3. Apply caulk around all five holes including center hole
4. While holding the fixture from underneath, run the DC wire of luminaire through center hole on canopy
5. Align the holes on the fixture with those drilled on the canopy
6. Align the backplate with holes on top of canopy
7. Thread supplied M6x8mm screws (Part 5) from above through 12mm washers (Part 4), canopy and into threaded holes on fixture. Tighten and silicone to seal
8. Attach conduit nipple (Part 2) to threaded center hole of fixture
9. Apply caulk around the center thread of the fixture then thread center mount nut (Part 9) to the center of fixture
10. Screw 1x conduit nut (Part 6) to top of conduit nipple, place power supply box (Part 7) onto conduit nipple and secure with second conduit nut (Part 6)
11. Attach power supply box to branch circuit conduit in accordance with National Electric Code and local codes
12. Attach AC side (8a.) of power supply (Part 8) to branch circuit (Black = Live/White = Neutral) in accordance with National Electric Code and local codes
13. Attach the red (+) wire from power supply to red (+) wire from luminaire and the blue (-) wire from power supply to black (-) wire from luminaire (8b.)
14. Attach power supply box lid (Part 7b.)



# LOW CEILING FIXTURE INSTALLATION

PLEASE READ ENTIRE DOCUMENT BEFORE INSTALLATION

**WARNING:** Improper installation could result in product damage and void all warranties.

**WARNING:** Disconnect all power before servicing.  
Risk of electrical shock or fire.

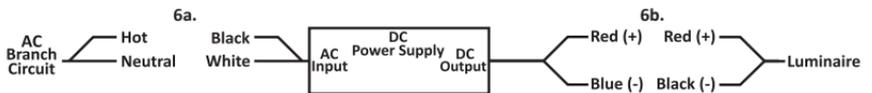
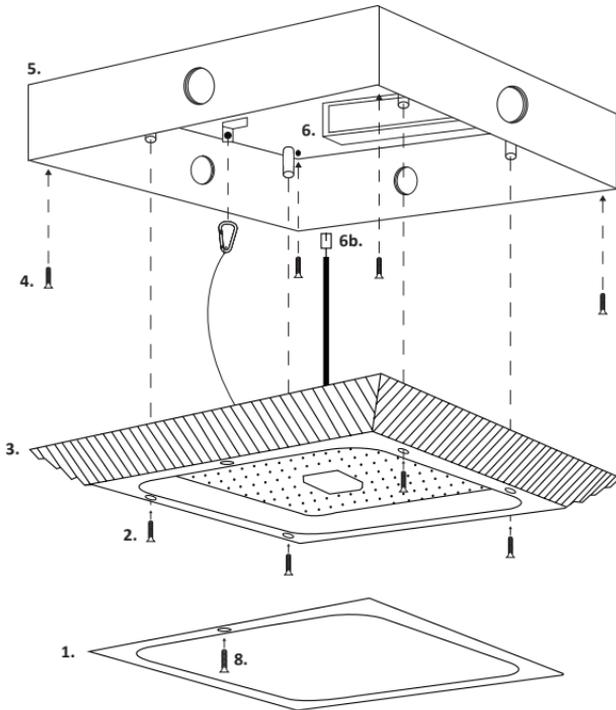
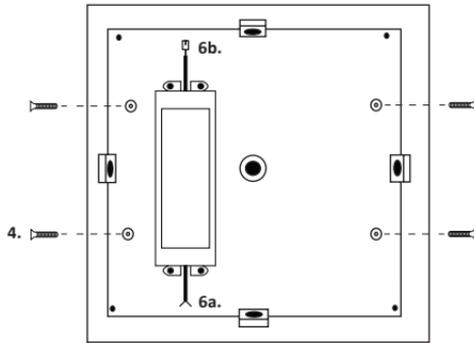
**Tools Required:** Philips head driver

## PARTS LIST

1. Trim ring
2. M6x25 Philips head Stainless Steel screws (4x)
3. Fixture
4. Mounting hardware (not included, step 1)  
Recommended:
5. Flush mount housing
6. Power supply
7. Safety cable
8. Trim ring mounting screw

## INSTRUCTIONS

1. Install flush mount housing to ceiling per National Electric Code and local codes utilizing (4x) screws/anchors, all thread through mounting holes with toggle anchors, or center pendant mount with conduit nipple (all not supplied). If using center mount it is recommended that (4x) screws are installed through the 4 mounting holes to avoid rotation of fixture and for added safety of installation
2. Connect flush mount housing to branch circuit conduit using either the top mount threaded center hole or one of the (4x) side threaded holes. Be sure to follow National Electric Code and local codes when connecting fixture housing to conduit runs
3. Attach AC side of power supply to branch circuit (Black = Live / White = Neutral) in accordance with National Electrical Code and local codes
4. Secure safety cable (Part 7) to flush mount housing plate with safety cable clip
5. Attach the Red (+) wire from power supply (Part 6a) to Red (+) wire from luminaire and the Blue (-) wire from power supply to Black (-) wire from luminaire
6. Attach fixture to housing using (4x) supplied screws (Part 2)
7. Attach trim ring back to fixture using the supplied screw (Part 8)



# DAKOTA® RETROFIT

PLEASE READ ENTIRE DOCUMENT BEFORE INSTALLATION

**WARNING: Improper installation could result in product damage and void all warranties.**

**WARNING: Disconnect all power before servicing.  
Risk of electrical shock or fire.**

**Tools Required:** 10mm nut driver

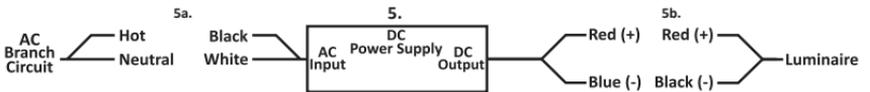
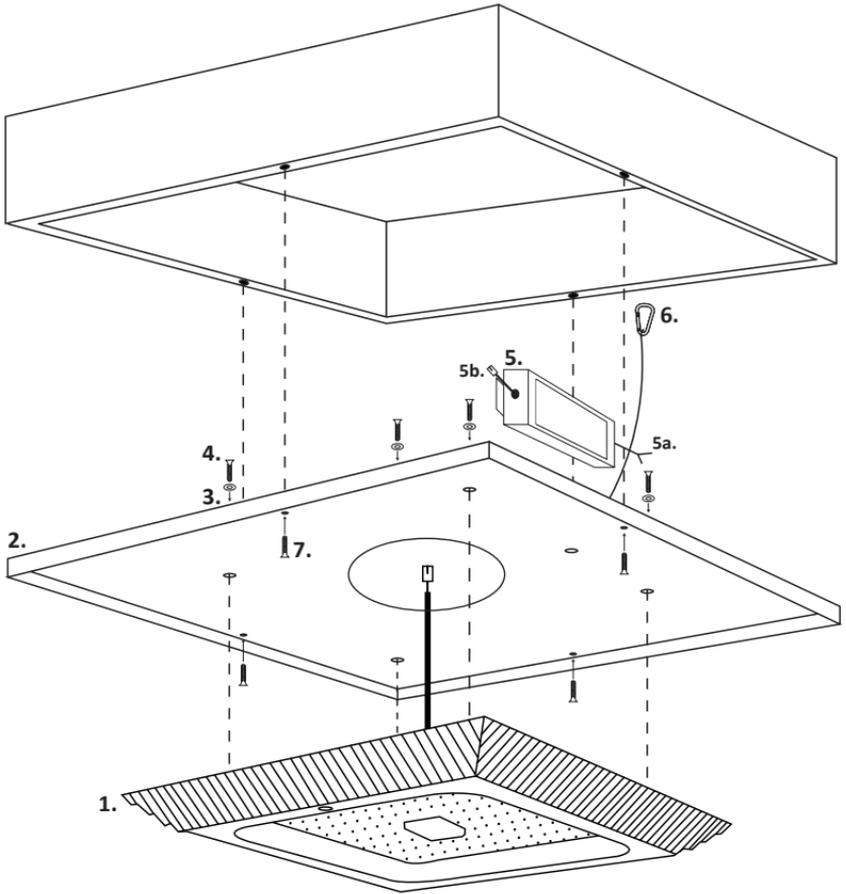
## PARTS LIST

1. Fixture
2. Retrofit plate (flanged)
3. M6x12 Stainless Steel washers (4x)
4. M6x8 Stainless Steel hex head screws (4x)
5. Power supply
6. Safety cable
7. #12 x 1" Stainless Steel Self Tapping Screws (4x)

## INSTRUCTIONS

1. Remove existing lens, lens frame, socket, reflector and ballast from fixture box housing
2. Secure power supply (Part 5) inside existing fixture housing
3. Attach AC side of power supply (Part 5a.) (Black = Live / White = Neutral) in accordance with National Electric Code and local codes
4. Attach fixture (Part 1) to plate (Part 2) using (4x) hex head screws and washers (Parts 3 and 4)
5. Secure safety cable (Part 6) to existing fixture housing with safety cable clip
6. Attach the Red (+) wire from power supply to Red (+) wire from luminaire (5a.) and the Blue (-) wire from power supply to Black (-) wire from luminaire (5a.)
7. Connect plate to existing fixture flange using (4x) #12 x 1" Stainless Steel Self Tapping Screws (Part 7)

## Existing Light Fixture





## **WARRANTY INFORMATION**

Failure is defined as having 7% or more LEDs not illuminated in a light fixture. LED fixtures that fail within the manufacturer's warranty period will be exchanged.

AmLED Technologies will not honor a cash reimbursement claim to cover material charges for replacement material. No charges for rental of equipment, travel time or labor will be accepted.

LED fixtures including the light source, housing, cables, etc. are warranted for a period of 5 years; however the warranty does not cover failures due to abnormal conditions. These abnormal conditions include, but are not limited to, under/over voltage, under/over current, excessive switching and excessive ambient temperatures.

## **WARRANTY APPLIES**

This warranty only applies to products that are properly installed following the directions in the product's installation instructions, in their intended application and used in compliance with all applicable local, state and national safety regulations and codes. AmLED Technologies will not warrant products damaged due to installer connections and/or assembly errors.

Damage or failure caused by acts of god, falling objects, explosion, fire, misuse or abuse in application.

**WARNING: Risk of fire or electric shock. LED Retrofit installation requires knowledge of luminaires electrical sys-**

**tems. If not qualified, do not attempt installation. Contact a qualified electrician.**

**WARNING: Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings.**

**Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of this kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.**

**WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or sharp objects.**

**THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY CSA OR AUTHORITIES HAVING JURISDICTION.**