

DATE: LOCATION:

TYPE: PROJECT:



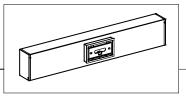
## Installation Instructions

Fixture: RN-D PURSUIT™

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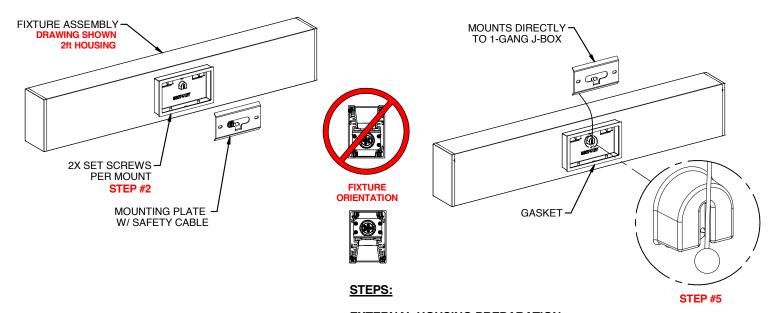
Fixture: RN-D PURSUIT™ WALL MOUNT



<u>WARNING</u>: Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

<u>MAINTENANCE</u>: A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the optics.

CAUTION: All wiring must be done by a qualified electrician. KEEP THE INSTRUCTIONS FOR FUTURE REFERENCE.



### RECOMMENDED TOOLS (BY OTHERS):

- \* Hex key 5/64"
- \* Drill
- \* Drill bit (pending mounting hardware size)
- \* Level
- \* Tape measure
- \* Screw drivers (Philip / Blade) #2
- \* Wire Stripper

### **EXTERNAL HOUSING PREPARATION:**

- 1) Turn off power to the unit and take proper safety precautions.
- 2) Remove Mounting Plate(s) from the Fixture Assembly: Loosen 2x 8-32 set screws with 5/64" hex key wrench in the arm cover to access the Mounting Plate.
- 3) Secure the Mounting Plate to the wall or 1-Gang J-box using proper hardware (by others) depending on the wall material.
- 4) Install gasket onto fixture mount(s).
- 5) Hook up the Safety Cables to the fixture mount and let the fixture hang to free up your hands.
- 6) Wire fixture to the incoming lines per local code and tuck the wires into the J-box.
- 7) Install the fixture over the Mounting Plate by hooking the top first. Secure the 8-32 set screws. Note: For 3ft, 4ft, 6ft & 8ft fixtures, Repeat step 2 - 6 for the other mounts.

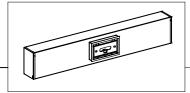
### **LIGHT ENGINE INSTALLATION:**

- 8) Bring the Light Engine up and reconnect the Power Cable to the Light Engine and attach the Safety Cables.
- Snap in the Light Engine to the External Housing.
- 10) Insert the Lens and install the Latches to retain the Lens.
- 11) Check for mounting security and turn on power to check for operation.
- 12) Installation complete.

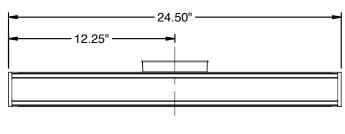
Note: For EMF (End Power Feed) option, see pg.18.







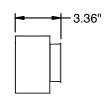
**WALL MOUNT** 



**BOTTOM VIEW** 

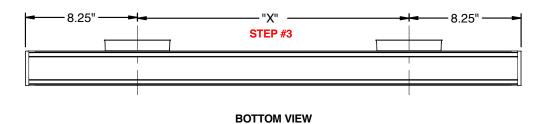


**FRONT VIEW** 

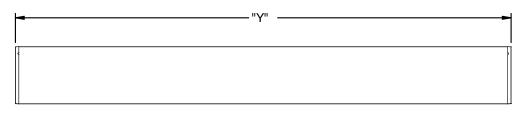


SIDE VIEW

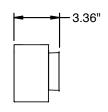
### **WALL MOUNT 2ft**



| WALL MOUNT |     |        |  |
|------------|-----|--------|--|
| FIXTURE    | "X" | "Y"    |  |
| 3ft        | 20" | 36.50" |  |
| 4ft        | 32" | 48.50" |  |
| 6ft        | 56" | 72.50" |  |
| 8ft        | 80" | 96.50" |  |

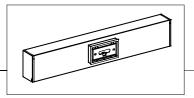


FRONT VIEW

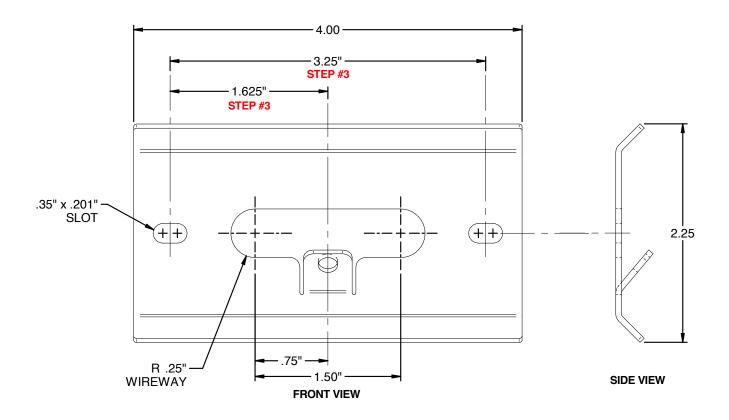


SIDE VIEW



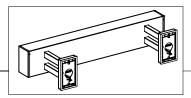


**WALL MOUNT** 



# FULL SCALE MOUNTING PLATE DETAIL WALL MOUNT OPTION





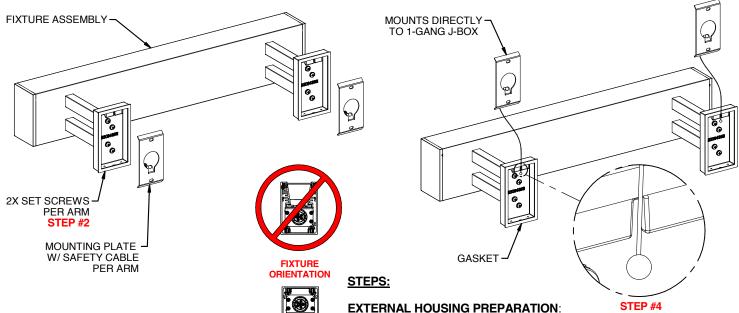
Fixture: RN-D PURSUIT™ **FIXED ARM MOUNT** 



WARNING: Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

MAINTENANCE: A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the optics.

**CAUTION:** All wiring must be done by a qualified electrician. KEEP THE INSTRUCTIONS FOR FUTURE REFERENCE.



### RECOMMENDED TOOLS (BY OTHERS):

- \* Hex key 5/64"
- \* Drill
- \* Drill bit (pending mounting hardware size)
- \* Level
- \* Tape measure
- \* Screw drivers (Philip / Blade) #2
- \* Wire Stripper

- 1) Turn off power to the unit and take proper safety precautions.
- 2) Remove Mounting Plate(s) from the Fixture Assembly: Loosen 8-32 set screws with 5/64" hex key wrench in the arm cover to access the Mounting Plate. Repeat for the other arm.
- 3) Secure the Mounting Plate to the wall or 1-Gang J-box using proper hardware (by others) depending on the wall material.
- 4) Install gasket onto fixture mount(s).
- 5) Hook up the Safety Cables to the fixture mount and let the fixture hang to free up your hands.
- 6) Wire fixture to the incoming lines per local code and tuck the wires into the J-box.
- 7) Install the fixture over the Mounting Plate by hooking the top first. Secure the 8-32 set screws.

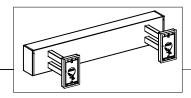
#### LIGHT ENGINE INSTALLATION:

- Bring the Light Engine up and reconnect the Power Cable to the Light Engine and attach the Safety Cables.
- Snap in the Light Engine to the External Housing.
- 10) Insert the Lens and install the Latches to retain the Lens.
- 11) Check for mounting security and turn on power to check for operation.
- 12) Installation complete.

Note: For EMF (End Power Feed) option, see pg.18.

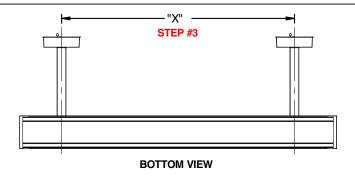






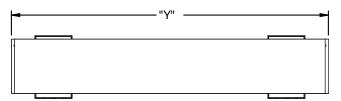
Fixture: RN-D PURSUIT™

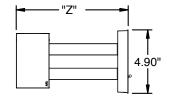
**FIXED ARM MOUNT** 



| FIXED ARM MOUNT |            |        |  |
|-----------------|------------|--------|--|
| FIXTURE         | "X"        | "Y"    |  |
| 2ft             | 18"        | 24.50" |  |
| 3ft             | 30"        | 36.50" |  |
| 4ft             | 42"        | 48.50" |  |
| 6ft             | 66" 72.50" |        |  |
| 8ft             | 90"        | 96.50" |  |

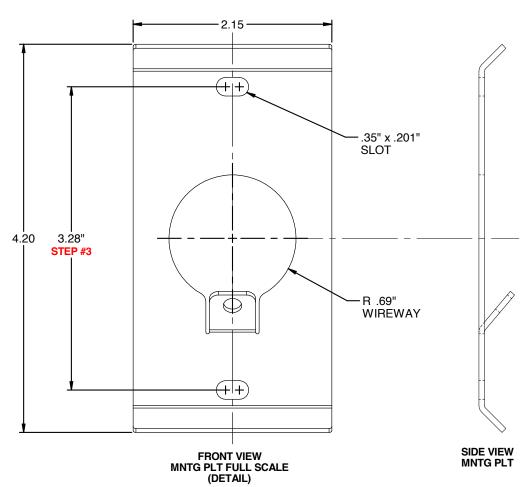
| FIXED ARM MOUNT |
|-----------------|
| "Z"             |
| 5.65"           |
| 8.65"           |
| 14.65"          |



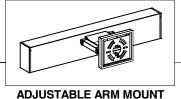


**FRONT VIEW** 

**SIDE VIEW** 



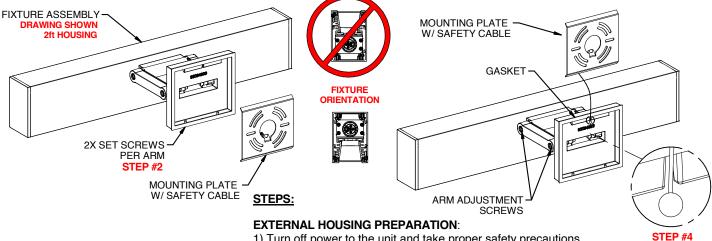




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MAINTENANCE: A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the optics.

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- 1) Turn off power to the unit and take proper safety precautions.
- 2) Remove Mounting Plate(s) from the Fixture Assembly: Loosen 2x 8-32 set screws with 5/64" hex key wrench in the arm cover to access the Mounting Plate.
- 3) Secure the Mounting Plate to the wall or 1-Gang J-box using proper hardware (by others) depending on the wall material.
- 4) Install gasket onto fixture mount(s).
- 5) Hook up the Safety Cables to the fixture mount and let the fixture hang to free up your hands.
- 6) Wire fixture to the incoming lines per local code and tuck the wires into the J-box.
- 7) Install the fixture over the Mounting Plate by hooking the top first. Secure the 8-32 set screws. Note: For 3ft, 4ft, 6ft & 8ft fixtures, Repeat step 2 - 6 for the other mounts.

### **RECOMMENDED TOOLS (BY OTHERS):**

- \* Hex key 5/64" & 3/16"
- \* Drill bit (pending mounting hardware size)
- \* Level
- \* Tape measure
- \* Screw drivers (Philip / Blade) #2
- \* Wire Stripper

### TO ADJUST FIXTURE / ARM:

- A) Loosen Arm Adjustment Screws with 3/16" hex key wrench on four places and adjust to desire position. Note: See page 8 for fixture orientation guidelines.
- B) Tighten the tighten Arm Adjustment Screws for a secure fit.

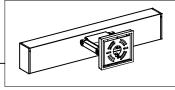
### **LIGHT ENGINE INSTALLATION:**

- Bring the Light Engine up and reconnect the Power Cable to the Light Engine and attach the Safety Cables.
- Snap in the Light Engine to the External Housing.
- 10) Insert the Lens and install the Latches to retain the Lens.
- 11) Check for mounting security and turn on power to check for operation.
- 12) Installation complete.

Note: For EMF (End Power Feed) option, see pg.18.

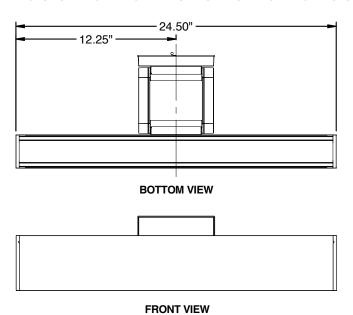


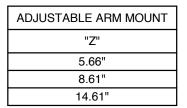


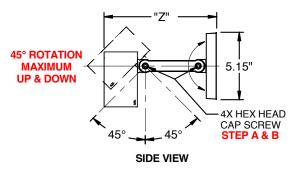


### **ADJUSTABLE ARM MOUNT**

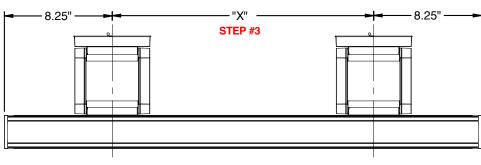
### CAUTION: EXCEEDING MAXIMUM ROTATION ANGLE INCREASES THE RISK FOR WATER INFILTRATION AND WILL VOID WARRANTY







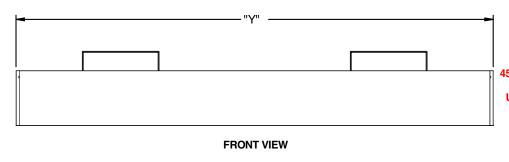
### **ADJUSTABLE ARM MOUNT 2ft**

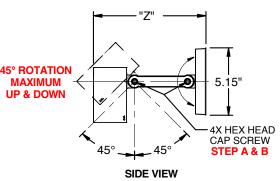


| ADJUSTABLE ARM MOUNT |            |        |  |
|----------------------|------------|--------|--|
| FIXTURE              | : "X" "Y"  |        |  |
| 3ft                  | 20"        | 36.50" |  |
| 4ft                  | 32"        | 48.50" |  |
| 6ft                  | 56" 72.50" |        |  |
| 8ft                  | 80"        | 96.50" |  |

| "Z"    |
|--------|
| 5.66"  |
| 8.61"  |
| 14.61" |

### **BOTTOM VIEW**

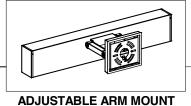


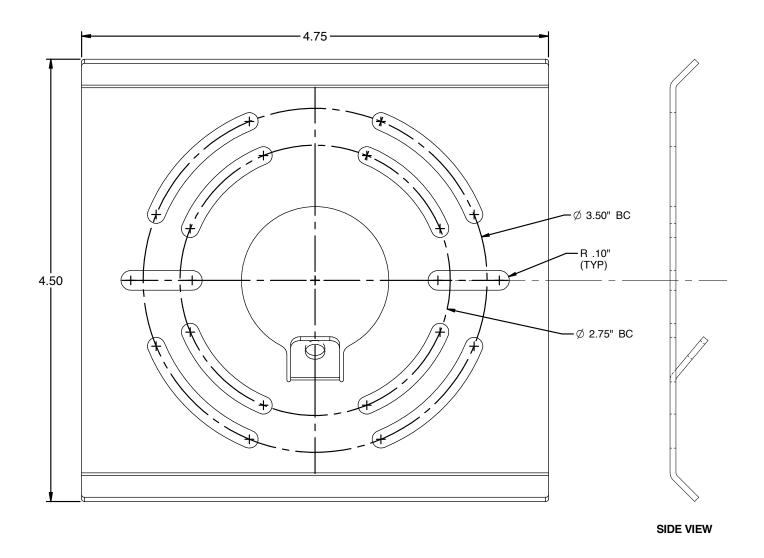


## ADJUSTABLE ARM MOUNT 3ft, 4ft, 6ft ,& 8ft





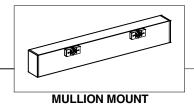




# FULL SCALE MOUNTING PLATE DETAIL ADJUSTABLE ARM MOUNT OPTION





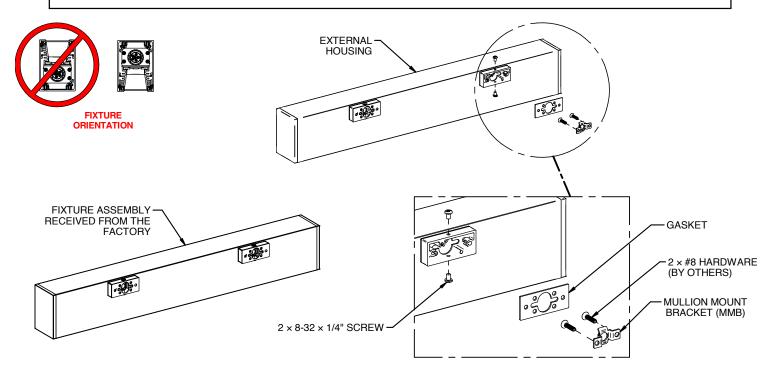


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<u>WARNING</u>: Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

**MAINTENANCE**: A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the optics.

**CAUTION:** All wiring must be done by a qualified electrician. KEEP THE INSTRUCTIONS FOR FUTURE REFERENCE.



### **RECOMMENDED TOOLS (BY OTHERS):**

- \* Drill
- \* Drill bit (pending mounting hardware size)
- \* Level
- \* Tape measure
- \* Screw drivers (Philip / Blade) #2
- \* 1/4 Ratchet for philip head screw.
- \* Wire Stripper
- \* Putty knife
- \* Hex key 3/32"

### **STEPS:**

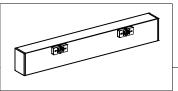
- 1) Turn off power to the unit and take proper safety precautions.
- 2) Option: Use fixture assembly as the template to mark the mounting location.
- 3) **FIXTURE PREPARATION** Remove Mullion Mount brackets from fixture assembly: Loosen 2x 8-32 screws (Top and Bottom) with Screw drivers (Philip / Blade) #2 to remove the Mullion Mount Bracket. Repeat for the other bracket.
- 4) MULLION MOUNT BRACKET (MMB) PREPARATION Install MMB to the wall:
  - Measure mounting locations and install MMB to the mounting surface with hardware by others.
  - b. Pull Power Cable thru one of the MMB brackets/gaskets and make connection to the line power in watertight compartment. Install the housing to the brackets with 8-32 screws (Top and Bottom). Tighten screws securely.
- 5) Check for mounting security and turn on power to check for operation.
- 6) Installation complete.

Note: For EMF (End Power Feed) option, see pg.19.

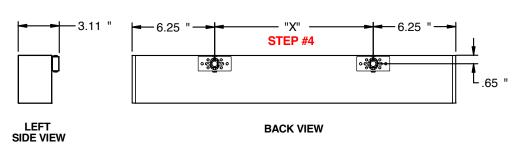




### **SAVE THESE INSTRUCTIONS**



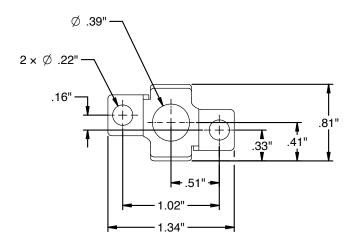
**MULLION MOUNT** 



| MULLION MOUNT |     |        |  |
|---------------|-----|--------|--|
| FIXTURE       | "X" | "Y"    |  |
| 2ft           | 12" | 24.50" |  |
| 3ft           | 24" | 36.50" |  |
| 4ft           | 36" | 48.50" |  |
| 6ft           | 60" | 72.50" |  |
| 8ft           | 84" | 96.50" |  |



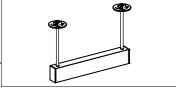
**BOTTOM VIEW** 



FULL SCALE
MOUNTING DETAIL
MULLION MOUNT OPTION







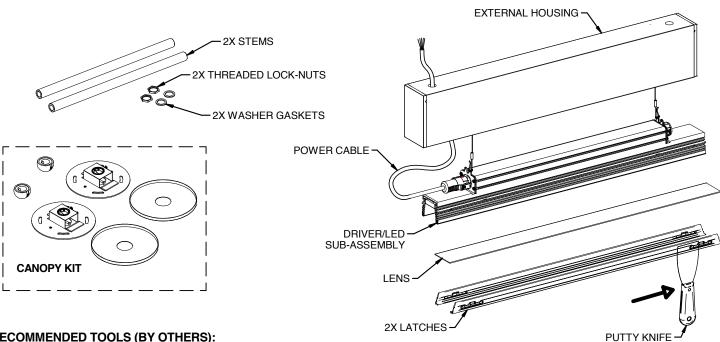
Fixture: RN-D PURSUIT™ PENDANT ARM MOUNT



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### **RECOMMENDED TOOLS (BY OTHERS):**

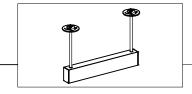
- \* Hex key 5/64" & 3/16"
- \* Drill
- \* Drill bit (pending mounting hardware size)
- \* Level
- \* Tape measure
- \* Screw drivers (Philip / Blade) #2
- \* Wire Stripper
- \* Putty knife
- \* Adjustable wrench

### STEPS:

- 1) Turn off power to the unit and take proper safety precautions.
- 2) FIXTURE PREPARATION
  - a. Slide a putty knife under the side LED/Driver to disengage the hidden Spring Clips on the Latches, remove Latches and Lens.
  - b. Pry the LED/Driver Sub-Assembly out, remove Safety Cables, disconnect Power Cable, and remove it from the External Housing.
  - c. Screw stems to External Housing or pendant mounts firmly and secure with lock nuts.
  - d. Slide Power Cable thru stem.
  - e. Reconnect the Power Cable to the LED/Driver Sub-Assembly and reattach the Safety
  - f. Snap in the LED/Driver Sub-Assembly into External Housing.
  - g. Reinstall External Lens and install the Latches to retain the Lens.
- 3) Check for mounting security and turn on power to check for operation.
- 4) Installation complete.

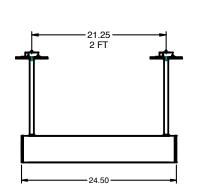


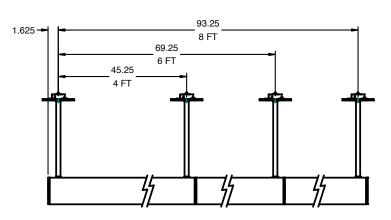




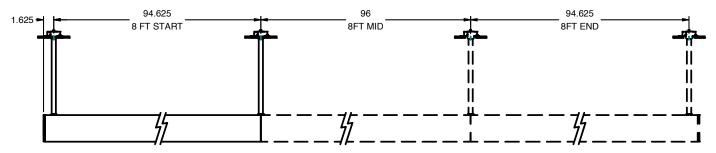
PENDANT ARM MOUNT

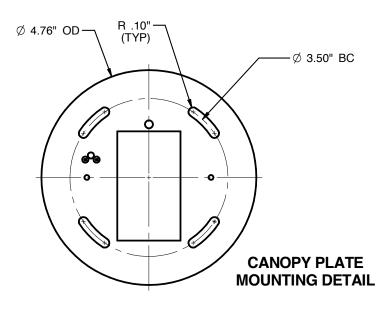
2FT, 4FT, 6FT, 8FT INDIVIDUALLY PENDANT MOUNTED DIMENSION

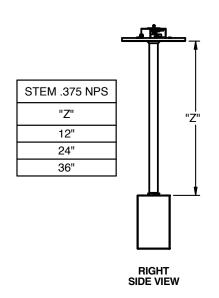




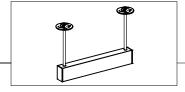
8FT ROW PENDANT MOUNTED DIMENSION



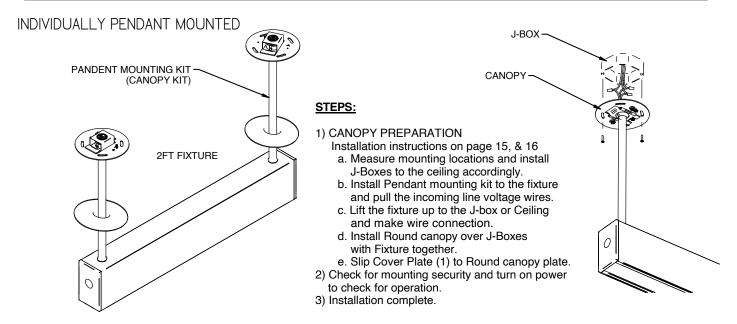


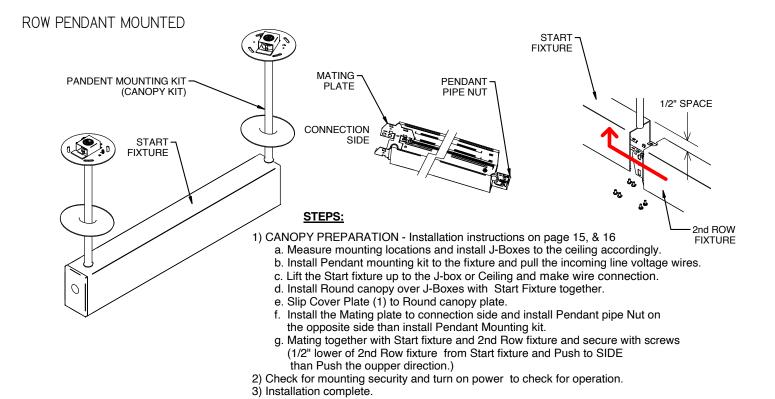






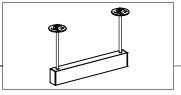
Fixture: RN-D PURSUIT™ PENDANT ARM MOUNT



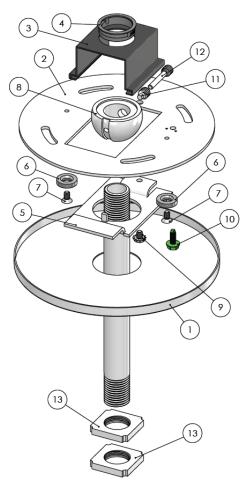












| ITEM<br>NO. | PART<br>NUMBER          | DESCRIPTION  | QTY. |
|-------------|-------------------------|--|------|
| 1           | 276                     | 5" Round w/ 1.18" CH   | 1    |
| 2           | MP<br>Crossbar<br>Round | 4.75" Round Crossbar<br>.080" Material Thickness<br>Zinc Plated Steel  | 1    |
| 3           | MP<br>Swivel<br>Clip    | Mono Point Swivel<br>Retaining Clip for MP-<br>Plate HB Spring Steel   | 1    |
| 4           | #237                    | .875" Hole Bushing .945"<br>W x.750" I.D. x .250" H<br>.063" Max Panel<br>Thickness  | 1    |
| 5           | MP Plate<br>HB          | Monopoint Plate for<br>Half Ball for MP<br>Crossbar<br>2.82" L x 1.650" W x .075"<br>Material Thickness<br>Half Ball Opening for<br>#35,#34 and #147<br>Tapped 8/32" Hole<br>Zinc Plated Steel | 1    |
| 6           | Magnet                  | #6 & #8 Magnet   | 2    |
| 7           | 271                     | 6/32" x 1/4" L Flat Head<br>Philips Machine Screw  | 2    |
| 8           | #34ADJ                  | 3/8" IP Slip Half Ball<br>Bright Casting   | 1    |
| 9           | 183                     | 8/32" x 1/4" Philip Head<br>Ext Sems Steel Zinc<br>Screw   | 1    |
| 10          | #32                     | 8/32 Green Ground<br>Screw   | 1    |
| 11          | #ADJ-SS                 | 1/4" -20 Short (.350"<br>Long) Socket Set Screw<br>w/.125" DIA Point & 1/8"<br>Allen Hex Head Pin for<br>ADJ Series Half Balls   | 1    |
| 12          | #SSS                    | 1/4" -20 Socket Set<br>Screw w/.125 DIA &1/8"<br>Allen Hex Head Pin for<br>ADJ Series Half Balls   | 1    |
| 13          | #22                     | 3/8" IP x 1 1/16" Square<br>x .073" Thick Zinc Plated  | 2    |

### STEPS: (2nd INSTALLING OPTION)

- 1) CANOPY PREPARATION Installing Canopy Swivel base to ceiling. Reference **Pendant Systems** installation instructions on page 15, & 16:
  - a. Measure mounting locations and install J-Boxes to the ceiling accordingly.
  - b. Install Crossbar Round plates (2) over J-boxes and pull down the incoming line voltage wires.
  - c. Slip Pendant Cover Plate (1), MP Plate (5) Thread the Half Ball (8) over the fixture wires and screw to the stem. Repeat on the other arm.
  - d. Run wire thru MP Swivel Clip (3) and Hole Bushing (4) prior to make connection with incoming line.
  - e. Lift the fixture up to the Pendant Base and make wire connection.
  - f. Wire fixture to the incoming lines per local code and tuck the wires into the J-box.
  - g. Slip MP Plate (5) to MP Crossbar Round and secure with 8-32 screw (7). Repeat on the other arm.
  - h. Install remaining hardware as shown on page 16 instructions.
- 2) Check for mounting security and turn on power to check for operation.
- 3) Installation complete.

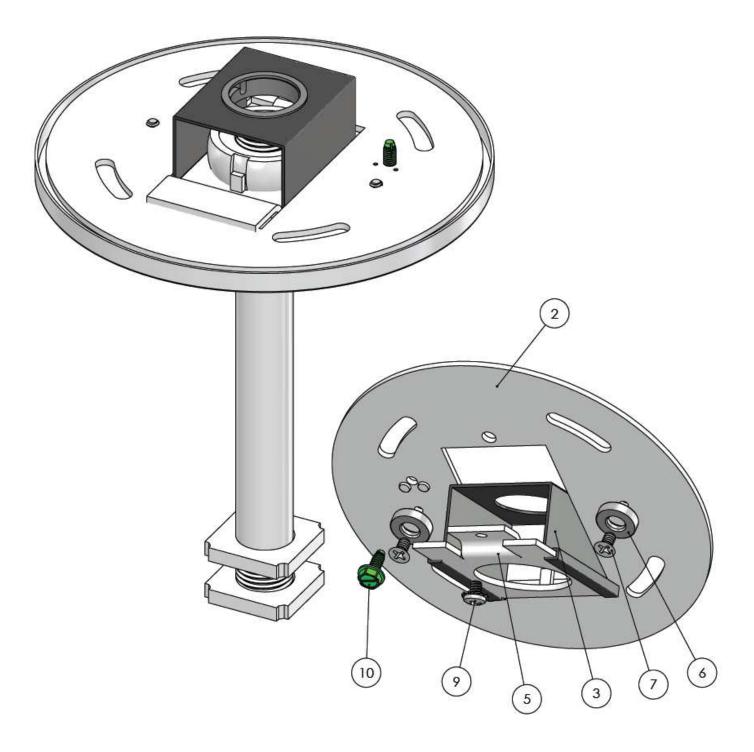
Note: Source of drawing/BOM from Pendant Systems





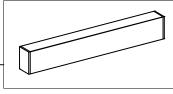






Note: Source of drawing/BOM from Pendant Systems





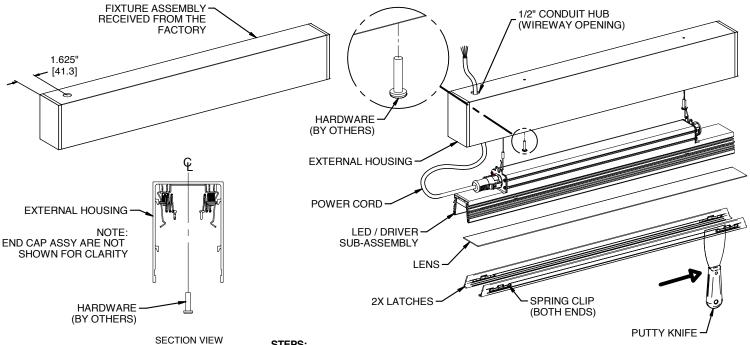
SURFACE MOUNT



<u>WARNING</u>: Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

**MAINTENANCE**: A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the optics.

**CAUTION**: All wiring must be done by a qualified electrician. KEEP THE INSTRUCTIONS FOR FUTURE REFERENCE.



### **RECOMMENDED TOOLS (BY OTHERS):**

EXTERNAL HOUSING MOUNTING DETAIL

- \* Drill
- \* Drill bit (pending mounting hardware size)
- \* Level
- \* Tape measure
- \* Screw drivers (Philip / Blade) #2
- \* 1/4 Ratchet for Philip head screw.
- \* Wire Stripper
- \* Putty knife

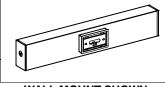
### STEPS:

- 1) Turn off power to the unit and take proper safety precautions.
- 2) Option: Use fixture assembly as the template to mark the mounting location.
- 3) FIXTURE PREPARATION:
  - a. Slide a putty knife under the side Latches to disengage the hidden Spring Clips and remove the Latches and Lens
  - b. Pry the LED/Driver Sub-Assembly out, remove Safety Cables, disconnect Power Cable, and remove it from the External Housing.
- 4) EXTERNAL HOUSING PREPARATION:
  - a. Measure mounting locations and drill holes (by others) on the External Housing.
  - b. If necessary, install watertight conduit fitting (by others) to 1/2" conduit hub.
  - c. Pull Power Cable thru conduit hub and make wire connections in watertight compartment or J-box.
  - d. Secure External Housing to the ceiling using minimum #8 screw hardware (by others) depending on the wall material. Tighten screws securely. To ensure watertight seal, silicone where conduit hub and screw holes meet the mounting surface.
  - e. Reconnect the Power Cable to the LED/Driver Sub-Assembly and reattach the Safety Cables.
  - f. Snap in the LED/Driver Sub-Assembly into the External Housing.
  - g. Insert the Lens and install the Latches to retain the Lens.
- 5) Check for mounting security and turn on power to check for operation.
- 6) Installation complete.

Note: For EMF (End Power Feed) option, see pg. 18.







WALL MOUNT SHOWN WITH EMF OPTION

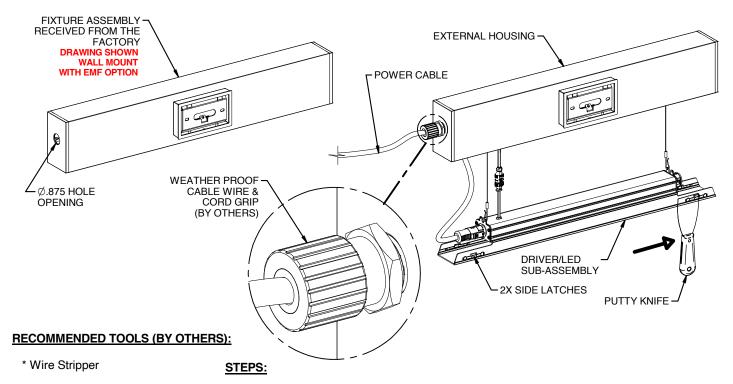
Fixture: RN-D PURSUIT™



<u>WARNING</u>: Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

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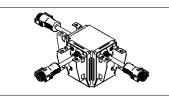
**CAUTION:** All wiring must be done by a qualified electrician. KEEP THE INSTRUCTIONS FOR FUTURE REFERENCE.



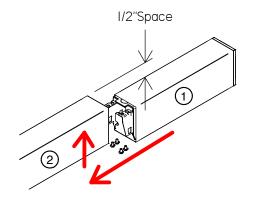
\* Putty knife

- 1) Turn off power to the unit and take proper safety precautions.
- 2) For arm mounting option refer on the table of contents.
- 3) FIXTURE PREPARATION:
  - a. Slide a putty knife under the side Latches to disengage the hidden Spring Clips and remove the Latches.
  - b. Pry the Driver/LED Sub-Assembly up, remove Safety Cables, disconnect Power Cable, and remove it from the External Housing.
- 4) EXTERNAL HOUSING PREPARATION:
  - a. Install weather proof cord grip and cable wire (by others) on the side[s] of the External Housing.
  - b. Pull line voltage wires thru and make connection to the Power Cable.
  - c. Reconnect the Power Cable to the Driver/LED Sub-Assembly and reattach the Safety Cables.
  - d. Snap in the DRIVER Sub-Assembly.
  - e. Insert Lens and install Latches to retain the Lens.
- 5) Turn on power to check for operation.
- 6) Installation complete.



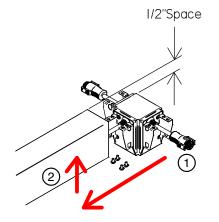


### PURSUIT ACCESSORIES INSTALLATION



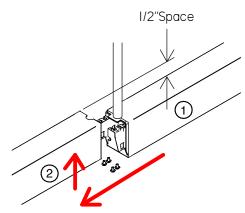
### CONTROL MODULE INSTALLATION

- 1. Slide in the open end of lagging fixture [1] into the leading fixture [2].
- 2. Then push up lagging fixture [1] into leading [2] fixture.
- 3. Secure with Screws (#10-24)



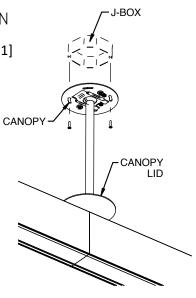
### L, T, X MODULE INSTALLATION

- 1. Slide in the open end of lagging fixture (L, T, X) module [1] into the leading fixture [2].
- 2. Then push up lagging fixture module [1] into leading [2] fixture.
- 3. Secure with Screws (#10-24)

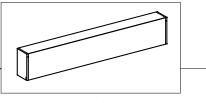


### PENDANT ROW FIXTURE INSTALLATION

- 1. Slide in the open end of lagging fixture [1] into the leading fixture [2].
- 2. Then push up lagging fixture [1] into leading [2] fixture.
- 3. Secure with Screws (#10-24)
- 4. Install Round canopy over J-Boxes with Fixture together.
- 5. Cover the canopy with Canopy Lid (Marnetically attached)







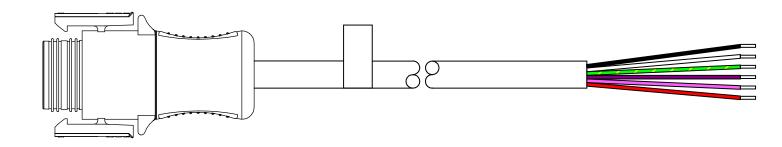
**WIRE DIAGRAM** 



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### **WIRE COLORS**

BLACK - LINE
WHITE - NEUTRAL
GREEN/YELLOW - GROUND
VIOLET - DIM (+)
PINK - DIM (-)
RED - UNSWITCHED LINE (OPTIONAL EMERGENCY BATTERY)

