

# INSTRUCTIONS

## FIELD-ADJUSTABLE GOOSENECK® INSTALLATION

# RAB®

RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: [marketing@rablighting.com](mailto:marketing@rablighting.com)

**\*\* DON'T TOSS IT—RECYCLE IT! MAKE THE SUSTAINABLE CHOICE BY RECYCLING THIS FIXTURE AT END OF LIFE WITH A LICENSED RECYCLING PROVIDER. \*\***



GN1



GN2



GN3



GN4

### IMPORTANT

#### READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

**WARNING:** Make certain power is OFF before installing or maintaining the fixture. No user serviceable parts inside.

**CAUTION:** For proper weatherproof function all gaskets must be seated properly and all screws inserted and tightened firmly. Apply weatherproof silicone sealant around edge of the wall mounting box and/or junction box. This is especially important with an uneven surface. Silicone all plugs and unused conduit entries.

Suitable for wet locations.

Suitable for operation in ambient not exceeding 45°C.

**Power, Color Temperature and Photocell should be selected prior to installation. Do NOT switch settings with power on.**

### WALL INSTALLATION

1. Unpack LED Head, Shade, Arm and mounting hardware, Fig. 1.

Fig. 1

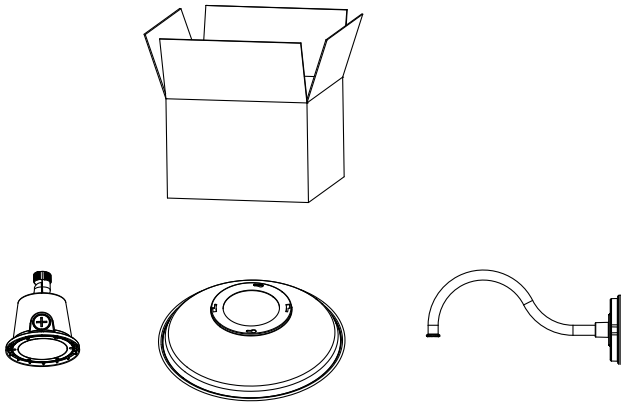
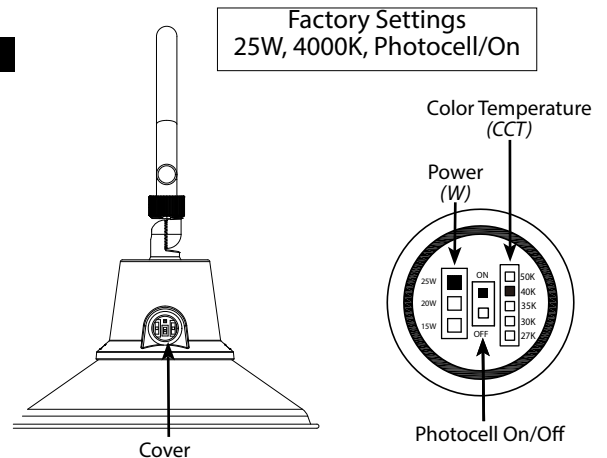


Fig. 2



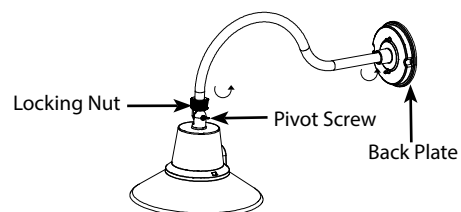
2. Before assembly, set the **Field-Adjustable** options.

- Locate **Field-Adjustable Switches** on back of housing as shown in Fig. 2 and open the **Cover**.
- Select **Color Temperature (CCT)**, **Power (W)** and/or **Photocell On/Off** function by sliding the respective switch to the desired setting.
- Replace **Cover**.

3. Insert fixture lead wires through the **Arm**. Use thread sealer or Teflon® tape on the **Arm** threads. then thread the **Arm** into the fixture **Head** and tighten with **Locking Nut** (Fig. 3).

**Note:** To adjust the angle of LED Head, loosen the **Pivot Screw** to position the tilt angle, then tighten. Do Not over tighten.

Fig. 3



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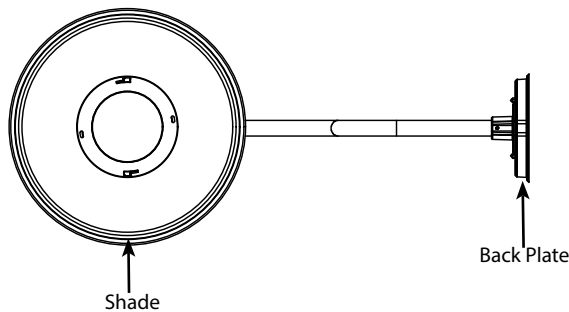
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### WALL INSTALLATION (*cont'd*)

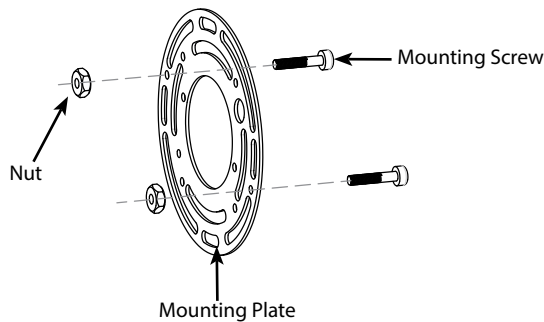
- Place **Shade** onto the **LED Head**. Rotate into position and secure with (4) **Screws** (Fig. 4).

Fig. 4



- Insert (2) **Mounting Screws** through the **Mounting Plate** and secure each with **Nut**, leaving enough thread exposed to pass through the **Arm Mounting Plate** (Fig. 5).

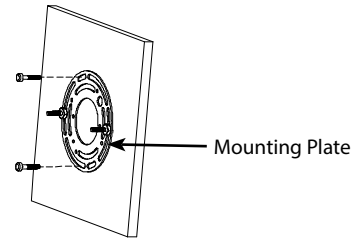
Fig. 5



### RECESSED JUNCTION BOX MOUNTING

- Align the holes in the **Mounting Plate** with the recessed Junction Box and fasten with **Screws** (Fig. 6). Ensure that the Junction Box is securely mounted.

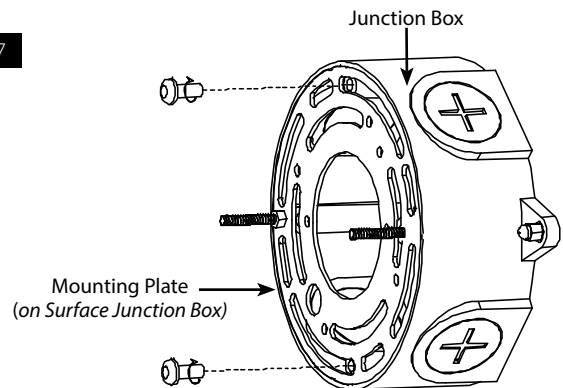
Fig. 6



### SURFACE JUNCTION BOX MOUNTING

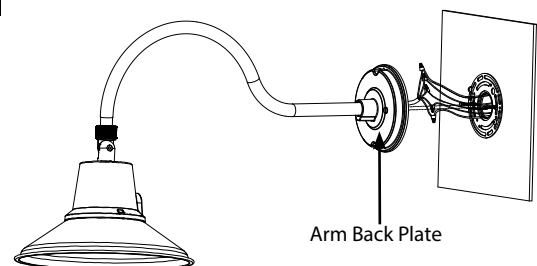
- Align the holes in the **Mounting Plate** with the surface-mount Junction Box and fasten with **Screws** (Fig. 7).

Fig. 7



- Tuck wires into the **Junction Box**, slide the **Arm Back Plate** over the **Mounting Screws** and tighten **Nuts** Fig. 8.

Fig. 8



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### WIRING

10. Universal voltage driver permits operation at 120V through 277V, 50 or 60 Hz. For 0-10 dimming follow the wiring directions as shown in Fig. 9.
  - a. Connect the black fixture lead to the **LINE** supply lead.
  - b. Connect the white fixture lead to the **COMMON** supply lead.
  - c. Connect the green wire from fixture to supply **GROUND**.
  - d. Connect the purple fixture lead to the DIM (+) lead.
  - e. Connect the pink fixture lead to the DIM (-) lead.
  - f. Cap yellow lead (*Vaux 12*) if present and unused.

**Note:** Use UL-certified connectors to complete supply wiring per code. Avoid pinching wires.

### CLEANING & MAINTENANCE

Wash Lens with warm water and mild non-abrasive detergent: rinse and wipe dry.

**CAUTION:** Fixture must be cool to the touch before cleaning.

**WARNING:** Do not clean or service while energized. Disconnect power first.

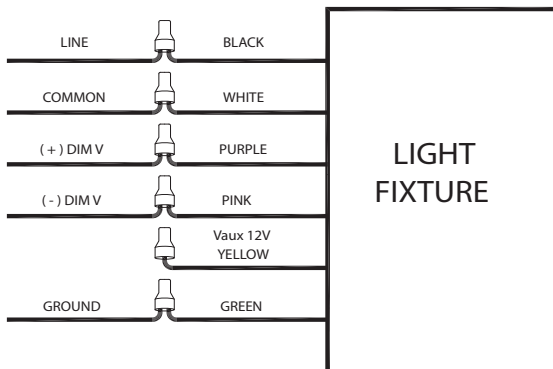
**WARNING:** Polycarbonate is damaged by some cleaning chemicals. See list of damaging chemicals on product information web page for chemical list:

[rablighting.com/downloads/resources/damaging\\_chemical\\_list/damaging-chemical-list.pdf](http://rablighting.com/downloads/resources/damaging_chemical_list/damaging-chemical-list.pdf)

### TROUBLESHOOTING

1. Check that the line voltage at the fixture is correct. Refer to wiring directions.
2. Be sure the fixture is grounded properly.

Fig. 9



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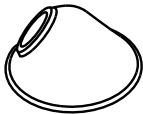
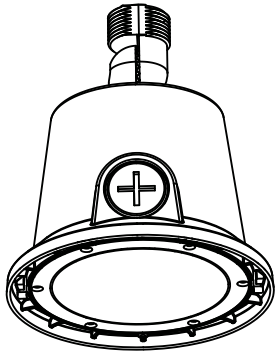
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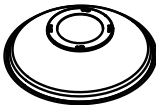
### COMPONENT DESCRIPTION

These components can be ordered separately for replacement in the field.

|        |                               |         |                              |         |                      |
|--------|-------------------------------|---------|------------------------------|---------|----------------------|
| GN25   | Head w/ Clear Lens - Bronze   | GSAC15  | 15" Angled Cone Shade Bronze | GSARM1  | Arm Style1 - Bronze  |
| GN25W  | Head w/ Clear Lens - White    | GSAC15W | 15" Angled Cone Shade White  | GSARM2  | Arm Style 2 - Bronze |
| GN25B  | Head w/ Clear Lens - Black    | GSAC15B | 15" Angled Cone Shade Black  | GSARM3  | Arm Style 3 - Bronze |
| GN25F  | Head w/ Frosted Lens - Bronze | GSST12  | 12" Straight Shade Bronze    | GSARM4  | Arm Style 4 - Bronze |
| GN25FW | Head w/ Frosted Lens White    | GSST12W | 12" Straight Shade White     | GSARM1W | Arm Style 1 - White  |
| GN25FB | Head w/ Frosted Lens          | GSST12B | 12" Straight Shade Black     | GSARM2W | Arm Style 2 - White  |
|        |                               | GSAD10  | 10" Angled Dome Shade Bronze | GSARM3W | Arm Style 3 - White  |
|        |                               | GSAD10W | 10" Angled Dome Shade White  | GSARM4W | Arm Style 4 - White  |
|        |                               | GSAD10B | 10" Angled Dome Shade Black  | GSARM1B | Arm Style 1 - Black  |
|        |                               |         |                              | GSARM2B | Arm Style 2 - Black  |
|        |                               |         |                              | GSARM3B | Arm Style 3 - Black  |
|        |                               |         |                              | GSARM4B | Arm Style 4 - Black  |



GSAC15



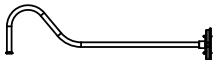
GSST12



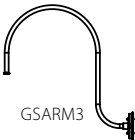
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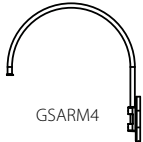
GSARM1



GSARM2



GSARM3



GSARM4



### Easy Answers

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GOOSENECK - IN - 1026  
P-103380

[rablighting.com](http://rablighting.com)  
Visit our website for product info

Tech Help Line  
Call our experts: 888 722-1000

e-mail  
Answered promptly - [tech@rablighting.com](mailto:tech@rablighting.com)

Free Lighting Layouts  
Answered online or by request

**RAB WARRANTY:** RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).