INSTRUCTIONS

FIELD-ADJUSTABLE GOOSENECK® INSTALLATION

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

** 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.

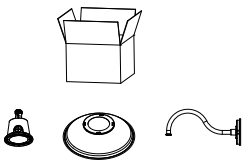
Suitable for operation in ambient not exceeding 45°C.

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



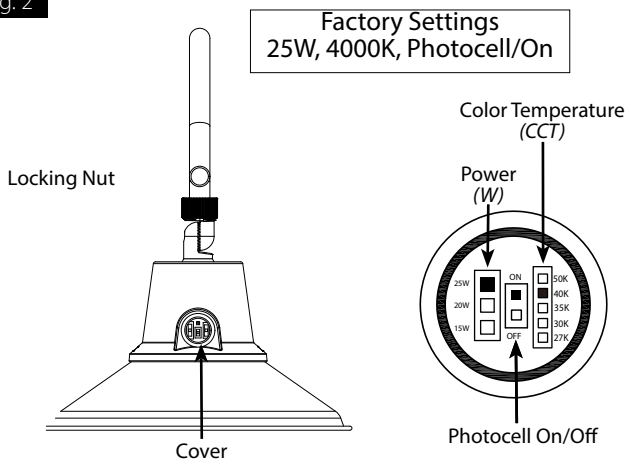
What's in the box	#of pieces	Line drawing	position
Aluminum Nut	1 pc		Fig 3
Silicone O-ring for Nut	1 pc		Fig 3
Phillips Head Self-Tapping Screw, M5×35mm	2 pcs		Fig 7
Plastic Screw Anchor	2 pcs		Fig 5
Phillips Truss Head Screw, M3×6mm	2 pcs		Fig 4
Acorn Nut, M4×6mm	2 pcs		Fig 7
Pan Head Phillips Machine Screw, PM4×12mm	1 pcs		Fig 7
Phillips Pan Head Machine Screw, M4×25mm	2 pcs		Fig 7
M4 Hex Nut	2 pcs		Fig 7
Backplate	1 pcs		Fig 7

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

a. Locate **Field-Adjustable Switches** on back of housing as shown in Fig. 2 and open the **Cover.**

b. Select **Color Temperature** *(CCT)*, **Power** *(W)* and/or **Photocell On/Off** function by sliding the respective switch to the desired setting. Replace **Cover**.

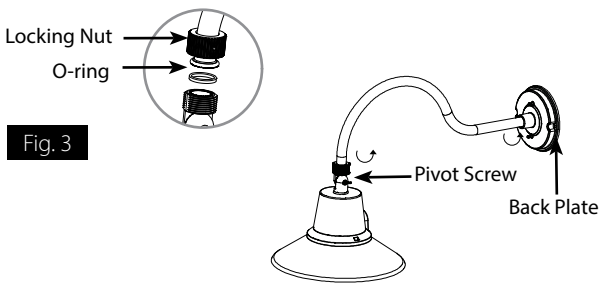
Fig. 2



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 H**ead** 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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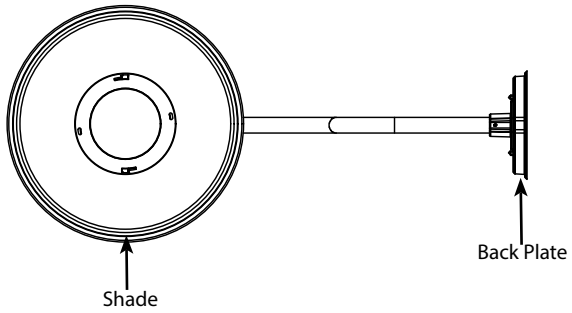
WALL INSTALLATION *(cont'd)*

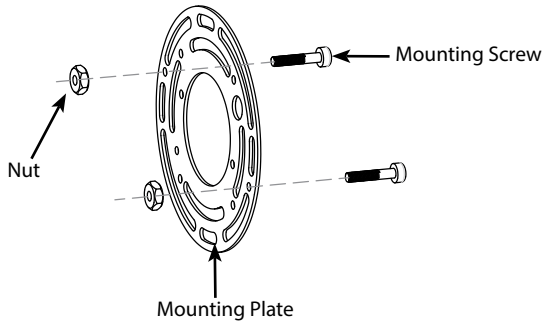
4. Place **Shade** onto the **LED Head**. Rotate into position and secure with *(4)* **Screws,** provided *(Fig. 4)*.

Fig. 4



5. 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)*.

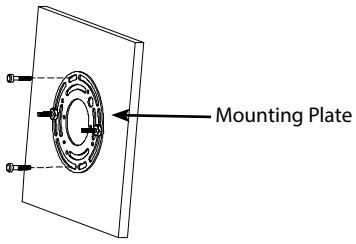
Fig. 5



RECESSED JUNCTION BOX MOUNTING

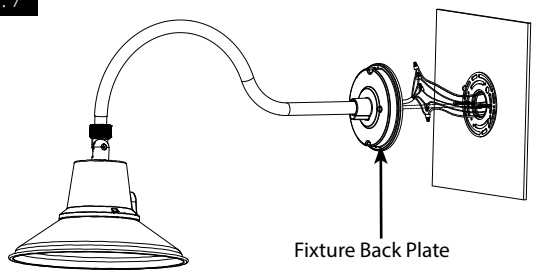
6. Align the holes in the **Mounting Plate** with the recessed Junction Box and fasten with S**crews** *(by others) Fig. 6.* Ensure that the Junction Box is securely mounted.

Fig. 6



7 . Tuck wires into Junction Box and place the fixture and **Back Plate** onto the **Mounting Plate**. Secure with **Acorn Nut** *(Fig. 7)*.

Fig. 7



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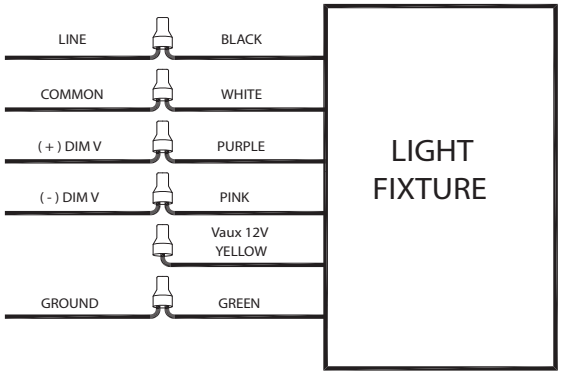
WIRING

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.*

Fig. 9



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

TROUBLESHOOTING

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

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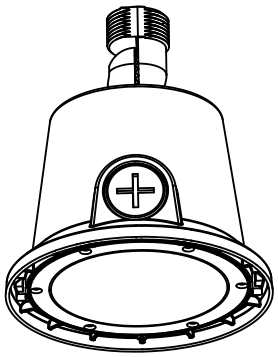
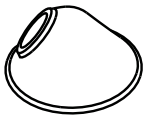
COMPONENT DESCRIPTION

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

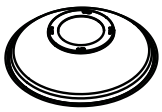
GN25	Head w/ Clear Lens - Bronze
GN25W	Head w/ Clear Lens - White
GN25B	Head w/ Clear Lens - Black
GN25F	Head w/ Frosted Lens - Bronze
GN25FW	Head w/ Frosted Lens White
GN25FB	Head w/ Frosted Lens



GSAC15	15" Angled Cone Shade Bronze
GSAC15W	15" Angled Cone Shade White
GSAC15B	15" Angled Cone Shade Black
GSST12	12" Straight Shade Bronze
GSST12W	12" Straight Shade White
GSST12B	12" Straight Shade Black
GSAD10	10" Angled Dome Shade Bronze
GSAD10W	10" Angled Dome Shade White
GSAD10B	10" Angled Dome Shade Black



GSAC15

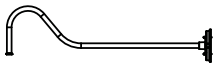


GSST12

GSAD10

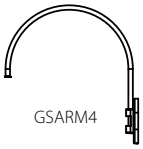
GSARM1	Arm Style1 - Bronze
GSARM2	Arm Style 2 - Bronze
GSARM3	Arm Style 3 - Bronze
GSARM4	Arm Style 4 - Bronze
GSARM1W	Arm Style 1 - White
GSARM2W	Arm Style 2 - White
GSARM3W	Arm Style 3 - White
GSARM4W	Arm Style 4 - White
GSARM1B	Arm Style 1 - Black
GSARM2B	Arm Style 2 - Black
GSARM3B	Arm Style 3 - Black
GSARM4B	Arm Style 4 - Black

GSARM1



GSARM2

GSARM3



GSARM4

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