GLED™ INSTALLATION INSTRUCTIONS

Thank you for buying RAB lighting fixtures. Our goal is to design the best quality products to get the job done right. We’d like to hear your comments.
Call the Marketing Department at 888-RAB-1000 or email: marketing@rabweb.com

IMPORTANT
READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
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 fixture. No user serviceable parts inside.
CAUTION: Use weatherproof silicone sealant between the ceiling plate and mounting surface.

CEILING MOUNTING
Mount the fixture to a Junction Box as follows:

1. Mount the Square Ceiling Plate to a square junction box. Use weatherproof silicone sealant between the Square Ceiling Plate and mounting surface.

2. Attach Tether Cable to the Housing with Screw provided in the location shown.

3. Hang Housing on Ceiling Plate Hooks and make the wiring connections with UL approved connectors.

4. Swing Housing closed and slide as indicated by Directional Arrows in figure to lock the Housing onto the Ceiling Plate.

5. To unlock the fixture, slide the fixture in direction opposite to Company Logo and unhook it from Square Ceiling Plate.

WIRING
Universal voltage driver permits operation at 120 to 277VAC, 50 or 60Hz. For Non-Dimming, follow the wiring directions as in fig. 1.

1. Connect the black fixture lead to the (+) LINE supply lead.

2. Connect the white fixture lead to the (-) COMMON supply lead.

3. Connect the bare copper Ground wire from fixture to supply ground.

Fig. 1
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0-10V DIMMABLE WIRING
Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. For 0-10V Dimming, follow the wiring directions as in fig. 2.
1. Connect the black fixture lead to the (+) LINE supply lead.
2. Connect the white fixture lead to the (-) COMMON supply lead.
3. Connect the GROUND wire from fixture to supply ground. Do NOT connect the GROUND of the dimming fixture to the output.
4. Connect the purple fixture lead to the (V+) DIM lead.
5. Connect the gray fixture lead to the (V-) DIM lead.
6. Cap the yellow fixture lead, if present. Do NOT connect.

CLEANING & MAINTENANCE

The fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.
1. Clean lens with non-abrasive glass cleaning solution.
2. Do not open fixture to clean the LED. Do not touch the LED.

TROUBLESHOOTING

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

OPTIONS

Suffix "Y" = Warm 3000K LED
Suffix "N" = Neutral 4000K LED

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation operation or maintenance.

Fig. 2

GLED52

Light Output (Lumens) 4975
Watts 58.9
Lumens per Watt (Efficacy) 84

Color Accuracy
Color Rendering Index (CRI) 68

Light Color: 5000K (Daylight)
2700K 3000K 4000K 5000K 6500K

GLED78

Light Output (Lumens) 7053
Watts 88.3
Lumens per Watt (Efficacy) 79

Color Accuracy
Color Rendering Index (CRI) 68

Light Color: 4000K (Neutral)
2700K 3000K 4000K 5000K 6500K

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Visit our website for product info
Answered promptly sales@rabweb.com
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WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

PENDANT MOUNTING
Choose pendant length and mount the PLED to a junction box as follows:

1. Use Pendant Rod with 1/2" NPS thread (not supplied). Fixture is supplied with (50") leads.
2. Feed Housing wires through Pendant and thread the Pendant onto the Housing. Wrap teflon tape or silicone gel onto the threads to prevent moisture from getting into the Housing.
3. Tighten the set screw on the side of the Housing.
4. Make the wiring connections with UL approved connectors at the junction box.

0-10V DIMMABLE WIRING
Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. 0-10V control wires must be rated for 300V minimum. For 0-10V Dimming, follow the wiring directions as in fig. 2.
1. Connect the black fixture lead to the (+) LINE supply lead.
2. Connect the white fixture lead to the (-) COMMON supply lead.
3. Connect the GROUND wire from fixture to supply ground. Do NOT connect the GROUND of the dimming fixture to the output.
4. Connect the purple fixture lead to the (V+) DIM lead.
5. Connect the gray fixture lead to the (V-) DIM lead.
6. Cap the yellow fixture lead. Do NOT connect.

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation operation or maintenance.
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WIRING
Universal voltage driver permits operation at 120 to 277VAC, 50 or 60Hz.

1. Connect the black fixture lead to the (+) LINE supply lead.
2. Connect the white fixture lead to the (-) COMMON supply lead.
3. Connect the bare copper Ground wire from fixture to supply ground.

CLEANING & MAINTENANCE
CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.
1. Clean lens with non-abrasive glass cleaning solution.
2. Do not open fixture to clean the LED. Do not touch the LED.

TROUBLESHOOTING
1. Check that the line voltage at fixture is correct. Refer to wiring directions.
2. Is the fixture grounded properly?

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