

ProLED® Volumetric Gen III Installation Instructions



Part No.	Input voltage (V)	Watt (W)	Input Current (A)	Lumens	Efficiency (LM/W)	Power factor	CRI	Dimension (mm)	Warranty
81975	120-277V ac 50/60Hz	29	0.25-0.10	3,787	126	>0.9	80	603x604x70	5 years
81976	120-277V ac 50/60Hz	29	0.25-0.10	3,805	126	>0.9	80	603x604x70	5 years
81977	120-277V ac 50/60Hz	29	0.25-0.10	3876	126	>0.9	80	603x604x70	5 years
81978	120-277V ac 50/60Hz	49	0.41-0.17	6112	130	>0.9	80	1212x604x70	5 years
81979	120-277V ac 50/60Hz	49	0.41-0.17	6235	130	>0.9	80	1212x604x70	5 years
81980	120-277V ac 50/60Hz	49	0.41-0.17	6315	130	>0.9	80	1212x604x70	5 years

IMPORTANT

READ INSTRUCTIONS CAREFULLY BEFORE INSTALLING. KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.

ProLED® Luminaires 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 QUALIFIED ELECTRICIAN WHO IS FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING - Risk of fire or electric shock.

- Turn off electrical power at fuse or circuit breaker box before wiring Luminaire to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.

CAUTION: RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance .
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.

RISK OF FIRE

- Keep combustible and other materials that can burn away from luminaire and lamp/lens.
- MIN 90°C SUPPLY CONDUCTORS .

IMPORTANT SAFETY INFORMATION:

CAUTION: This luminaire must be wired in accordance with the National Electric Code and applicable local codes and ordinances. Proper grounding is required for safety.

CAUTION: Installation and servicing of this luminaire should be performed by qualified personnel only.

CAUTION: Do not use this product for other than intended use. To prevent early product failure, luminaire should only be used in operating environments ranging from -20°C (-4°F) to 40°C (104°F).

Cleaning and Maintenance:

Caution: Do not clean or maintain while the luminaire is energized. Check that the luminaire temperature is cool enough to touch. Periodically check and remove any accumulated dirt or debris from the lens and around luminaire.

- 1) Clean lens with non-abrasive glass cleaning solution.
- 2) Do not open the luminaire to clean the LEDs. Do not touch the LEDs.

Replacement Parts:

Contact your sales representative for replacement part availability or contact Halco Customer Care at 800.677.3334.

General Wiring Diagram

WARNING:

All units must be individually connected to the AC Supply:

WARNING - All units must be connected to ac power supply:

Select appropriate access point for your installation, remove knockout, and feed power leads through hole. Connect the supply wire from the source to the driver. To prevent damage to wiring or abrasions, do not expose wiring to edges of sheet metal or other sharp objects..

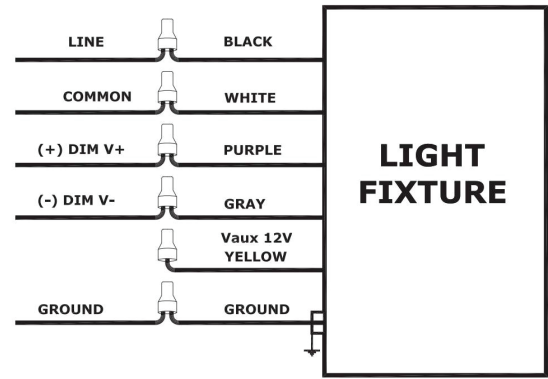
Black = Line White = Neutral Green = Ground

Operating Characteristic

Voltage input: 120-277V 50/80 Hz

Operating temp: -20°C (-4°F) to 40°C (104°F)

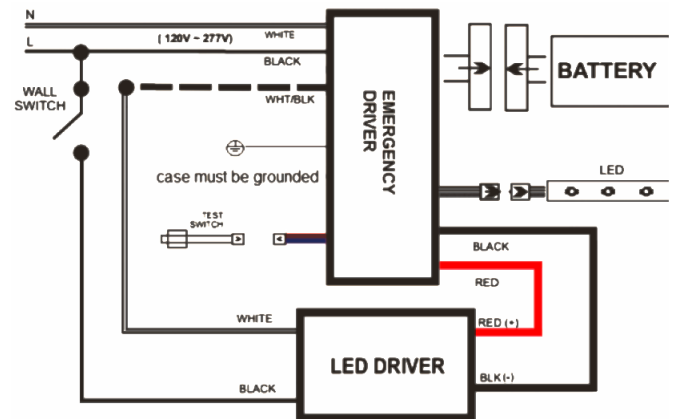
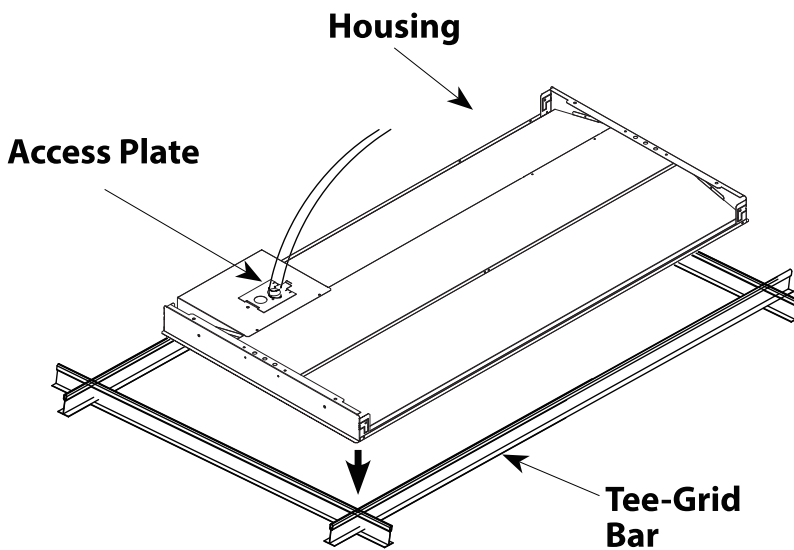
**Consult with dimmer control manufacturer's wiring instructions



MOUNTING INSTRUCTIONS

Recessed Ceiling Mounting

The fixture is suitable only for INDOOR RECESSED CEILING application.



1. Turn OFF power supply, ensure all required equipment and tools are present.
2. Rotate and slide the Housing as required to fit through the Tee-Grid Bar and place it as shown.
3. Make sure that the orientation on of the Access Plate is easily accessible to make electrical splices.
Knock out appropriate conduit knockouts on the Access Plate to route input conduit.
Use appropriate conduit connectors as required by code.
4. Connect wires as shown in wiring diagram.

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

5. Reinstall the main power supply after connected and installed.

Warranty Information:

This product is warranted for 5 years from the date of purchase.

If this product does not perform to the specifications supplied on this package, send an email or write to the address below for product return and replacement. This replacement is the sole remedy available.

Liability for incidental or consequential damage is expressly excluded.

Visit www.halcolighting.com for full warranty details and compatibility information.

