



LUMENRAIL®

At just ¾" wide, the **Wagner Lumenrail®** ETL listed luminaries produce brilliant cool or warm white light and come in lengths from 6 to 60 inches.

Each fixture contains an LED board encapsulated within a specially designed aluminum enclosure with a clear or diffused polycarbonate lens. These are sealed into the enclosure with two gasketed end caps that serve to safeguard it from the elements. Fixtures can be installed indoors or out in both wet and dry locations.

To maintain ETL listing, power must be supplied by a **Wagner** provided Class 2, 24VDC Driver.

NOTE: Do not exceed 80% of the driver's maximum amperage rating. Read and follow all installation instructions from the Class 2 Driver manufacturer.

The fixtures are fully dimmable using controllers listed for the purpose. All wiring must be done by a qualified electrician per national and local electrical codes. Turn off the power before terminating the driver. **DO NOT WIRE HOT!**

LED SPECIFICATIONS

Color Temperature:	3000K – 6500K
Source:	High Intensity LEDs
Lens Angle:	60 Degrees
Housing:	Aluminum
Size:	¾" x 6", 12", 18", 24", 30", 36", 42", 48", 54" and 60"
Listings:	ETL

ELECTRICAL SPECIFICATIONS OF LUMENRAIL® FIXTURE:

Power Requirement:	24VDC
Power Consumption:	2 watts per foot
Power Supply:	Wagner provided Class 2 – 24VDC power supply only
Connections:	Use either the wire nuts provided or other approved means
Temperature Range:	-4° F to 120° F (-20° C to 50° C) Operating Temperature
LED Life:	50,000 hours (approximately)
NEMA Rating:	NEMA 3R

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INSTALLATION AND WIRING INSTRUCTIONS:

- All wiring must be done by a qualified electrician per national and local codes.
- Turn off the power before terminating the driver or fixtures. **DO NOT WIRE HOT!**
- Wiring
 - Driver (+) 24VDC output to Lumenrail® white with red stripe (+).
 - Driver (-) 24VDC output to Lumenrail® white (-).
 - Connect additional Lumenrail® fixtures maintaining polarity.
 - Insure all connections are correct.
 - Connect the black (hot) and white (neutral) wire from the driver to your 120VAC power source.
 - Turn on power and test. If fixture does not light turn off power and verify that polarity is correct and that all connections are tight.
 - For additional assistance, Call **Wagner** at 1-888-243-6914.
- Use correct mounting hardware for your installation.
 - For hand railing installation use brackets provided with your hand railing system.
- Suitable for continuous row mounting. **100 WATTS MAXIMUM COMBINED LOAD OR MAXIMUM ALLOWABLE LOAD OF DRIVER – WHICHEVER IS LESS.**
- Suitable for wet locations. Use only listed wet location terminations.
- Suitable for installation within 4' (1.2M) above the ground.