

INSTALLATION INSTRUCTIONS

LUMENRAIL®

LUMENRAIL®
ARCHITECTURAL
SYSTEMS
FOR LIFE SAFETY
AND LIGHT.

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LIGHTING SAFETY INSTRUCTIONS:

READ THE INSTALLATION INSTRUCTIONS IN THEIR ENTIRETY BEFORE INSTALLING. IT IS IMPORTANT TO LEAVE THESE INSTRUCTIONS WITH THE OWNER OR FACILITY MANAGER OF THE BUILDING FOR FUTURE REFERENCE.



SCAN QR CODE for technical information, downloads, instructions, and system configuration guides

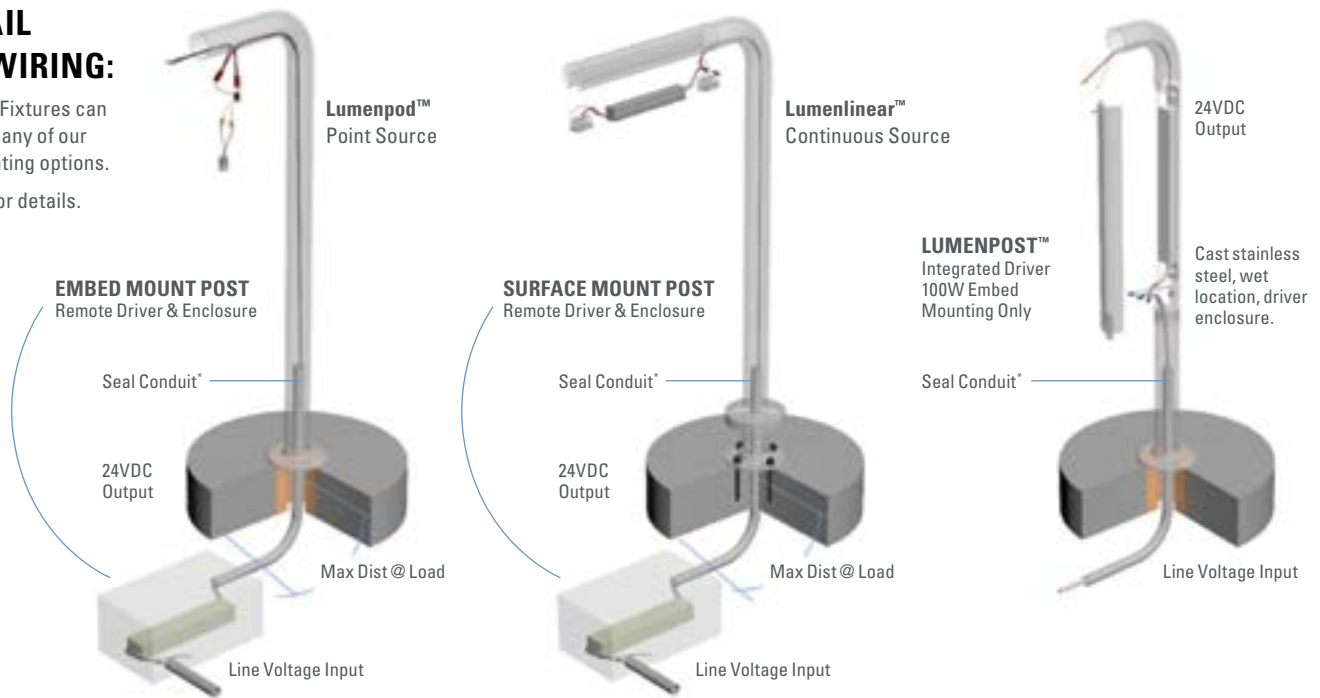
- CAUTION: Installation must be performed by a licensed electrician and all wiring must conform to local, state and national electrical codes
- LED driver: 24VDC, Class 2, configured in a listed system of components
- Mount remote driver(s) in a NEMA rated enclosure
- Systems may be used in a wet location with a suitably rated enclosure and connections
- All electrical components must be grounded and connected to GFCI per local codes and/or the NEC
- This product must be installed in a manner consistent with its intended use
- For trouble-shooting, installation questions and replacement component orders, contact Wagner at 888-243-6914

WARNING: TO REDUCE RISK OF ELECTRIC SHOCK, TURN OFF THE ELECTRICAL SUPPLY BEFORE INSTALLING OR SERVICING THE LIGHT FIXTURES AND DRIVER. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY AND/OR DAMAGE TO THE COMPONENTS.

LUMENRAIL SYSTEM WIRING:

Most Lumenrail® Fixtures can be specified with any of our post or wall mounting options.

Contact factory for details.



*Seal conduit with RTV or silicone, prior to rail installation, to prevent moisture intrusion.

MAXIMUM REMOTE DISTANCE - 100W / 24VDC DRIVER					
Fixture Type	10AWG	12AWG	14AWG	16AWG	18AWG
Lumenlinear™	120'	71'	46'	29'	18'
Lumenpod™	—	—	—	134'	80'
Bantam™	—	—	—	152'	98'

Actual distances may vary depending on the total load, DC/DC current and fixture spacing. Verify all distance calculations with overall design of system. Conductor supply and project gauge specification by others.

WALL MOUNT

24VDC input from remote driver

It is recommended that use of a Wall Grommet, SpeedPort or equal, is employed to protect the conductors through the wall material.



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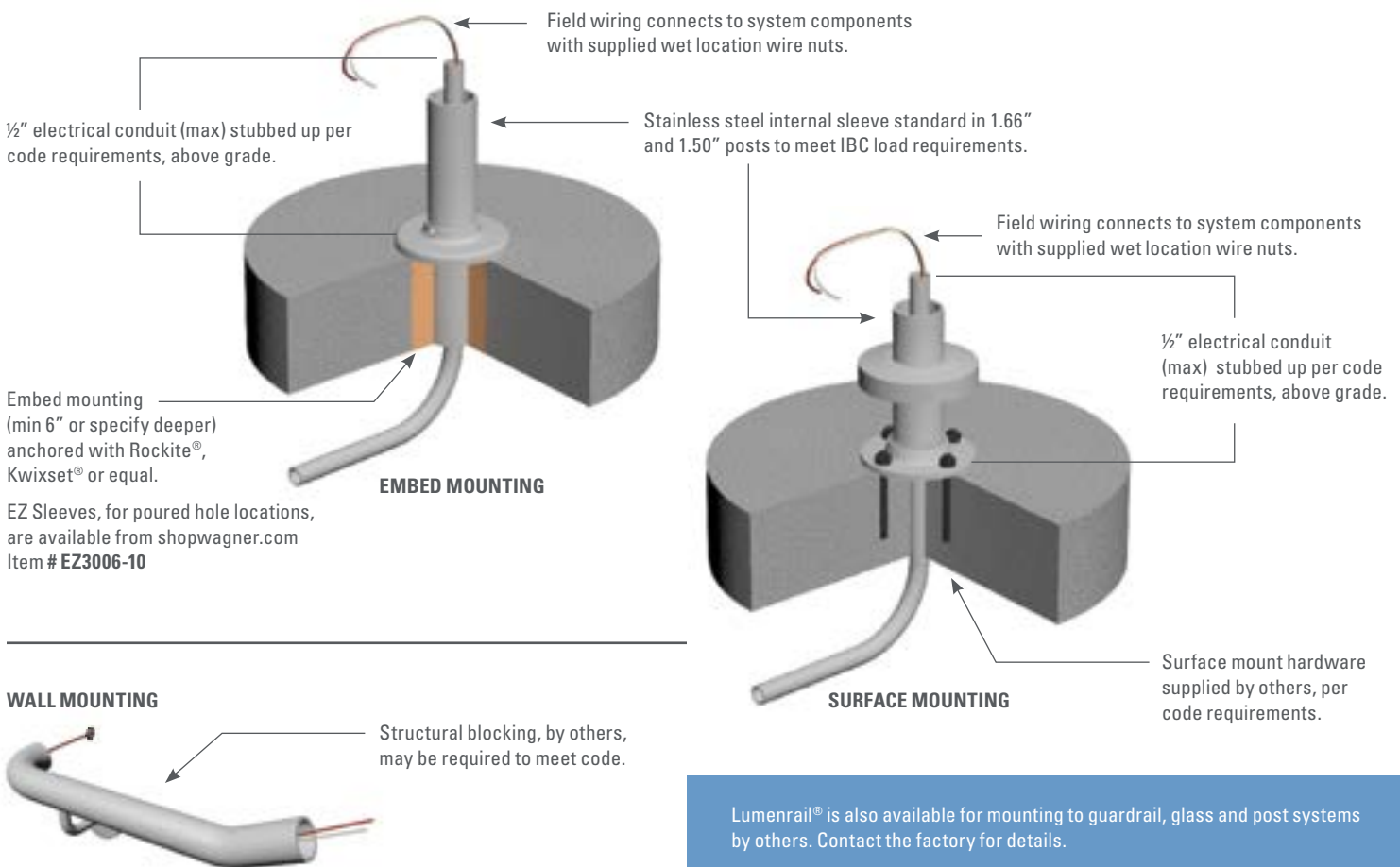
RAILING SAFETY INSTRUCTIONS:

WAGNER ARCHITECTURAL SYSTEMS ARE ENGINEERED TO MEET IBC, ADA AND NFPA WHEN PROPERLY DESIGNED AND INSTALLED.

- Check and confirm all local railing code requirements
- A structural analysis may be required per local codes and is the responsibility of the customer
- Verify with the railing manufacturer that intended retrofit installations will not compromise the structural integrity of their railing or void any warranties

Caution: It is highly recommended that a professional railing installer be used for ANY rail system, illuminated or not.

LUMENRAIL SYSTEM MOUNTING:



HANDRAILS AND GUARDS:

Defined by building codes, handrails are in place to provide guidance, while the purpose of a guard(rail) is to prevent accidental falls. Handrails are located between 34" and 38" and by code, have dimensional limitations for grasp-ability. Guards are generally required for ramps, stairs or landings above 30" in height. The height of a guardrail will vary by code, but most commercial applications require a minimum of 42". Always confirm the specifications of a railing installation with your local codes.

Specifications may change without prior notice. Verify data at time of order. All rights reserved.