

# CUFF™ POST SCONCE™

## Installation Instructions

Another Lumenrail® Component for Life Safety and Light

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



## 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.

- **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 Wagner Architectural recommends connection to GFCI circuit per local codes and/or the NEC
- This product must be installed in a manner consistent with its intended use
- For troubleshooting, installation questions and replacement component orders, contact Wagner at 888-243-6914



SCAN QR CODE  
for technical information,  
downloads and instructions.

**Note:** Lumenpod® 16 is a 24VDC, low-voltage luminaire. Do not connect Lumenpods® directly to line voltage (120-277-347vac) or unregulated 24 vdc low-voltage supplies. **Failure will result and all warranties will be void.**

## RAILING SAFETY INSTRUCTIONS

WAGNER ARCHITECTURAL SYSTEMS ARE ENGINEERED TO MEET IBC, ADA AND NFPA WHEN PROPERLY 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
- **Caution:** It is highly recommended that a professional railing installer be used for *any* rail system, illuminated or not
- Please contact the factory for field installations at 888-243-6914, or email us at [systems@mailwagner.com](mailto:systems@mailwagner.com)

## CUFF POST SCONCE SUPPLIED PARTS

See included Lumenpod® 16 post mounting instructions for luminaire installation.



\*Fits 9/16" socket

## CUFF COWLING AND HARDWARE



Scan QR Code  
For information about  
Poke-Home connectors.

@wagnercompanies

**WAGNER**  
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### INSTALLATION

TO REDUCE RISK OF ELECTRIC SHOCK, TURN OFF THE ELECTRICAL SUPPLY BEFORE INSTALLING OR SERVICING THE LIGHT FIXTURES:

For retrofit applications and field drilling for Cuff™ Post Sconce™ installations, resealing the protective coating on railings that are not inherently corrosion resistant is required. Paint, cold galvanizing, or an equivalent material must be used to seal the bare metal surfaces prior to fixture installation. The Cuff™ Post Sconce™ family of products is only available with fabricated Lumenrail® Systems.



1. **Do not attach housing until after the railing and fixtures are installed.** Leaving some of the protective wrapping on the rails may limit the blemish potential of the finish during the installation process.
2. After the rails are installed, remove the protective wrapping and the mounting hardware from the back of the Cuff™.
3. Be careful to prevent the housing from abrading the post as it is lowered from its mounting position. Place it at the bottom of the post.
4. Read through and follow the Lumenpod® 16 mounting instructions to locate the luminaries in their post mounting holes. The Lumenpod 16 instructions document is included in the box with the fixtures, connectors and installation tool with the packaging.
5. After wiring, testing and inserting the Lumenpod 16 fixtures, carefully move the Cuff cowling back up into position in front of the light.
6. Align the mounting holes on the housing with the tapped holes in the back of the post and thread the fasteners into them.
7. Make sure to seat each fastener tightly to prevent any movement of the cowling. Loctite® Threadlocker Blue 242® (or equal) can be applied to the threads to prevent tampering or loosening of the housing.
8. Reverse this process if extraction of the Lumenpod 16 is required. Retain the tool and instructions to leave them with the facility for any future maintenance.

LUMENPOD® 16: QUANTITY, DISTANCE & CONDUCTOR RAIL SAMPLE				
Wire Gauge	16 AWG	14 AWG	12 AWG	10 AWG
Distance To First Pod	20'	45'	70'	95'

Suitable values for 500mA drive current with 7' intermediate conductors:

36 Lumenpods on post spacing using our 100W standard driver  
20 Lumenpods on post spacing using our 100W USA driver

*Actual distances will vary depending on the total load, drive current, wire gauge and fixture spacing. Verify all distance calculations with overall design of system. Conductor supply and gauge specification by others.*