LUMENRAIL® SYSTEM WIRING:
Most Lumenrail® Fixtures can be specified with any of our post or wall mounting options. Contact factory for details.

**MAXIMUM REMOTE DISTANCE – 100W / 24VDC DRIVER**

<table>
<thead>
<tr>
<th>Fixture Type</th>
<th>10AWG</th>
<th>12AWG</th>
<th>14AWG</th>
<th>16AWG</th>
<th>18AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumenlinear™</td>
<td>120'</td>
<td>71'</td>
<td>46'</td>
<td>29'</td>
<td>18'</td>
</tr>
<tr>
<td>Lumenpod™</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>134'</td>
<td>80'</td>
</tr>
<tr>
<td>Bantam™</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>152'</td>
<td>98'</td>
</tr>
</tbody>
</table>

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.

ALWAYS SELECT PROPER SIZE CONDUCTOR TO PREVENT DAMAGE DUE TO OVERHEATING.

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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LUSY INST R3
INSTALLATION INSTRUCTIONS
LUMENRAIL®

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:

Field wiring connects to system components with supplied wet location wire nuts.

½" electrical conduit (max) stubbed up per code requirements, above grade.

Stainless steel internal sleeve standard in 1.66" and 1.50" posts to meet IBC load requirements.

Embed mounting (min 6” or specify deeper) anchored with Rockite®, Kwixset® or equal.

EZ Sleeves, for poured hole locations, are available from shopwagner.com
Item # EZ3006-10

WALL MOUNTING

Structural blocking, by others, may be required to meet code.

Lumenrail® is also available for mounting to guardrail, glass and post systems by others. Contact the factory for details.

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.