Wireless Area Controller (WAC-POE) installed inside with LOS to 1-2 outdoor nodes

LOS through window < 160ft
through concrete wall < 40ft

EXTERIOR LIGHTING WITH WIRELESS CONTROL

Bill of Materials

<table>
<thead>
<tr>
<th>Qty</th>
<th>Catalog #</th>
<th>Description</th>
</tr>
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<td>1</td>
<td>WAC-POE</td>
<td>Wireless Area Controller</td>
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<td>13</td>
<td>WOLC-7P-10A</td>
<td>WaveLinx Outdoor Lighting Control Module</td>
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<td>8</td>
<td>GLEON-AF-04-LED-E1-5MQ-BZ</td>
<td>Galleon LED Area/Site Luminaire</td>
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<td>GLEON-AF-04-LED-E1-T4W-BZ</td>
<td>Galleon LED Area/Site Luminaire</td>
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TYPICAL WIRING DETAIL

Design Consideration:  
- Gateway/WAC to 1st Fixture: 40ft (concrete)/160ft (LOS window)
- Number of Walls: LOS through window
- Distance Between Hops: 160 ft LOS
- Number of Hops: 10 hops

Best Practice:  
- LOS through window
- 160 feet LOS
- 10 hops

UL924
UL924 (Energy Back-up Circuit)

T24 2016