

General Installer Checklist / Best Practices

Project Name:	
Project Location:	
Contractor Name:	

Install PoE Cable	
1. Verify that CAT5e or higher rated cable has been used	<input type="checkbox"/>
2. Verify cabling do not exceed maximum bend radius of CAT Cable	<input type="checkbox"/>
3. Verify that all cabling termination follow TIA/EIA 568B Standard for UTP & STP	<input type="checkbox"/>
4. Verify that 'Home Runs' are within 330'/100 meters (Node to PSE)	<input type="checkbox"/>
5. Verify that 'Category Cables' are within 35' (Node to fixture/controls)	<input type="checkbox"/>
6. Verify that all cabling has been tested & labeled	<input type="checkbox"/>

Install Luminaire / Node	
7. Verify "as-built" drawings of Network node & peripherals.	<input type="checkbox"/>
8. Verify that all Category Cables that connect Nodes, Fixture, or fixtures after the Splitter to a PoE PSE Switch are labeled at both ends & indicated on an as-built map (Please see manufactures pull schedule format)	<input type="checkbox"/>
9. Verify that all light fixtures are installed in final locations per lighting layout plans (RCP)	<input type="checkbox"/>
10. Connect home run cables to "PoE" labeled port on Node	<input type="checkbox"/>

Install Wall Switch / Sensor	
11. Connect all peripherals to the "controller" port on the Node. Use splitter as required	<input type="checkbox"/>
12. Connect Wall Switch & or sensor to nearest Node per pull image	<input type="checkbox"/>
Install Power Sourcing Equipment (PSE)	

13. Verify all cable terminations are BICSI compliant	<input type="checkbox"/>
14. Verify that all PoE switches are linked together in a daisy-chain configuration.	<input type="checkbox"/>
15. If there are multiple data closets, ensure they are interconnected to allow communication between them.	<input type="checkbox"/>
16. Verify that network switches & PoE PSEs are connected to normal/emergency power circuits as per project design.	<input type="checkbox"/>
17. Verify that AC power supply voltage meets expected & planned voltages for PoE equipment	<input type="checkbox"/>
18. Verify that Emergency PoE PSE connected to proper emergency backup power source	<input type="checkbox"/>
19. Verify that patch cables connected between network switch/PSE equipment & patch panels	<input type="checkbox"/>
20. Verify that PoE home runs are terminated in patch panels (if used)	<input type="checkbox"/>
21. Verify that PoE PSEs are installed in data racks per rack layout diagrams (if supplied)	<input type="checkbox"/>

Install & prepare inspeXtor server	
22. Mount inspeXtor server per manufacturer specification	<input type="checkbox"/>
23. Verify required Voltage is provided to PSE (120 V,240 V)	<input type="checkbox"/>

Organization:	
Print Name:	
Title:	

Signature: _____

Date: _____