



## Exton Project Check List – Overview\*

1. Determine Mounting Type:
  - a. Monopoint
  - b. Powerspan Cable; Draped, Surface or Tensioned?
  
2. Powerspan Cable Mounted To:
  - a. Pole, Tree, Building, Etc.
    - i. If Pole Mount, is a stamped engineering drawing required from the Pole manufacture?
    - ii. Has the specifier/customer been advised if pole are by others, they are responsible for all engineering to meet local code/safety requirements?
    - iii. Use of Tegan's Pole partner AV Poles or other? If AV, agent to complete Pole questionnaire and forward to Tegan for a quote.
  - b. Additional mounting hardware required?
  - c. Custom mounting required? If yes, contact factory for feasibility & quote.
  - d. It is recommended to order 20% extra Powerspan Cable per run.
  - e. Powerspan Cable cannot be "spliced" together.
  
3. Power, Runs & Zoning:
  - a. Total max length of each run from farthest EX5 Module to the power supply = 150'.
  - b. Maximum Powerspan Cable tensioned length = 110'.
  - c. How will the cable be connected to the Power Supply(s)?
    - i. Into the building (interior) or exterior?
    - ii. If interior, use IP65 Power Feed.
    - iii. Based on this determine which type of Power Supply Enclosure is needed: IP20, IP24, IP66, or IP68 (Direct Burial).
  - d. Determine how many runs of Powerspan Cable and # of EX5 Modules per each run.
    - i. Determine how they are switched or "zoned" to determine quantity & type of Remote Power Supply(s). I.e. All together or groups or each run separate?
  - e. 0-10V (only) Dimming required?
  - f. Refer to Chart for recommended # of EX5 Modules per each wattage of Remote Power Supply.
  - g. Use of Tegan's Power Supply Enclosures with driver(s) is a requirement in order to maintain system listing, proper electrical operation and manufacturer's warranty; any substitutions will void all.
  
4. EX5 Modules
  - a. Select a complete EX5 Module from Tegan Specification Sheets.
  - b. Determine spacing and quantity per run on Powerspan Cable or number of Monopoints per circuit.
  - c. Maximum total wattage load per circuit is 250W.
  - d. Refer to Specification Sheets for recommended number of EX5 Modules per power supply wattages available.

\*Note: This Check-List is meant to function only as a general reminder and in no way covers all of the specification & installation details/guidelines. Please refer to the Exton Product Line documents @ [teganlighting.com](http://teganlighting.com) for complete details.