



## POWERSPAN CABLE SYSTEM

# PROJECT CHECKLIST – OVERVIEW\*

### 1. DETERMINE MOUNTING TYPE:

- a. 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 manufacturer?
  - 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, along with layout detailing span lengths and fixtures per span.
- 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 for tensioned spans, 33% for draped spans and 10% for direct mount to surface.
- 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 300W.
- d. Refer to Specification Sheets for recommended number of EX5 Modules per power supply wattages available.

\*NOTE: This checklist 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 at [teganlighting.com](http://teganlighting.com) for complete details.