

HOW TO SPECIFY

EXTON TENSIONED POWERSPAN CABLE SYSTEM WITH REMOTE POWER

STEP 1

- a. Determine the design & layout, i.e the number of Powerspan Cable RUNS.
- b. Pick a LED Module – Direct Mount or Pendant
- c. Determine Module uncap Quantity & the number of LED Modules per Cable RUN



Example:

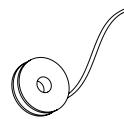
- a. 2 - 30' Powerspan Cable Runs
- b. 15 - Exton LED, Direct Mount, Sphere GEM Modules per Cable Run

STEP 2

- a. Determine total length of each RUN for the Powerspan Cable (add 20% extra).
- b. Determine where the Power Supply(s) will be located remotely.

General Guidelines:

- 2 Tension End Mount Brackets per Run
- 1 End Cap per Run
- 1 Power Feed per Run
- 1 Tension Tool per project



Example:

- 72' Powerspan Cable (36' per Run)



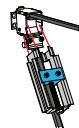
- 4 Surface Mount Tension End Brackets



- 2 End Caps



- 2 Power Feeds



- 1 Tension Tool

STEP 3

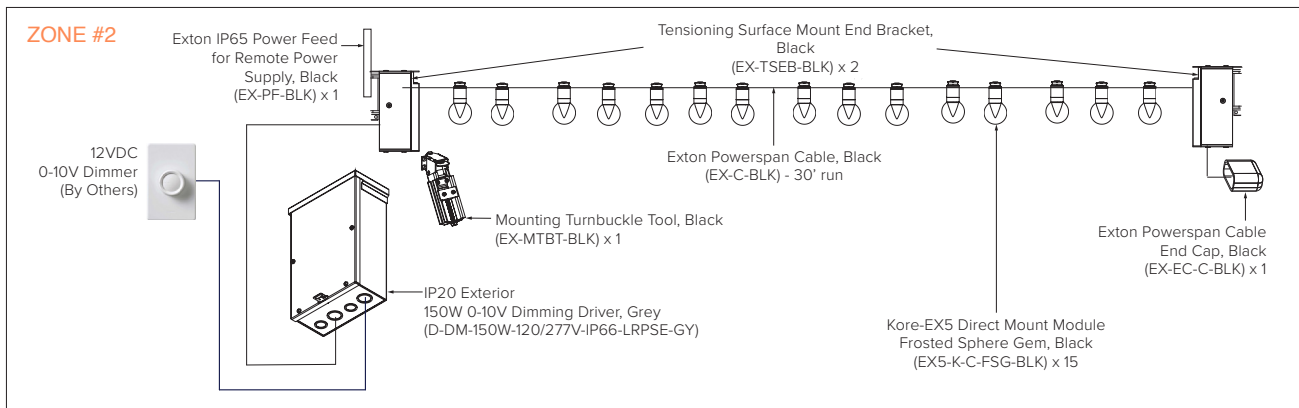
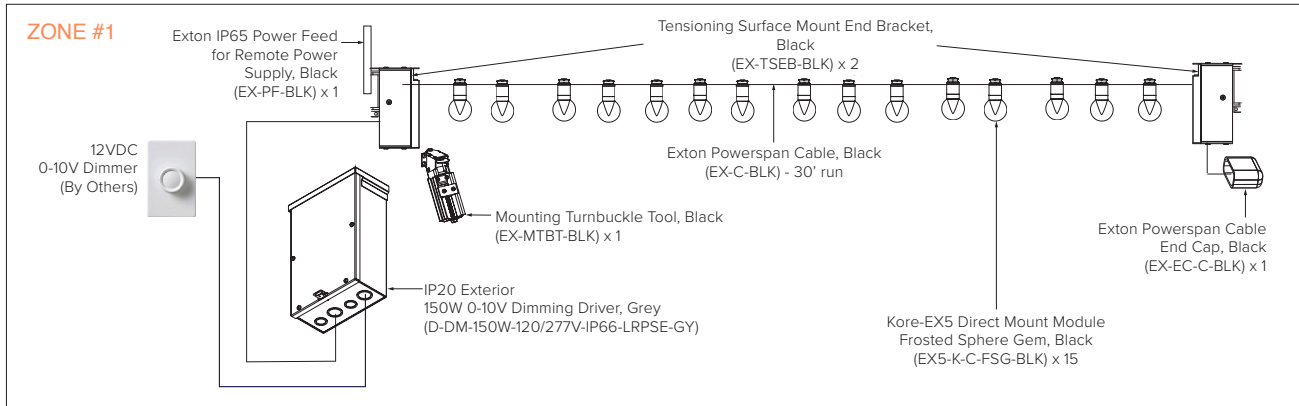
- a. Determine Zoning & Power Supply(s). Each RUN can be controlled with one Power Supply or many RUNS can be controlled together on one Power Supply to be switched together.
- b. Determine wattage & quantity of Power Supply(s).



Example:

- a. Power Supplies are inside the building = IP20 Rating
- b. 2 – 150W IP20 24VDC Power Supplies (1 per Run)

See diagrams on the next page.



NOTES:

- Refer to Tegan's Exton Power Supply Spec Sheets for the number of LED Modules to use with each Power Supply Wattage based on the Zoning. Exton Remote Power Supply Enclosure(s) can be mounted interior or exterior. The Exton Power Supply Spec Sheet has four options for various mounting locations; IP20 (Interior), IP24 (Exterior), IP66 (Exterior) and IP68 (Exterior Direct Burial).
- There can be 1-XX Zones on a project for this type.
- IP65 Power Feed is used with a IP20 power supply remote mounted in a building.
- Max 300W per circuit.