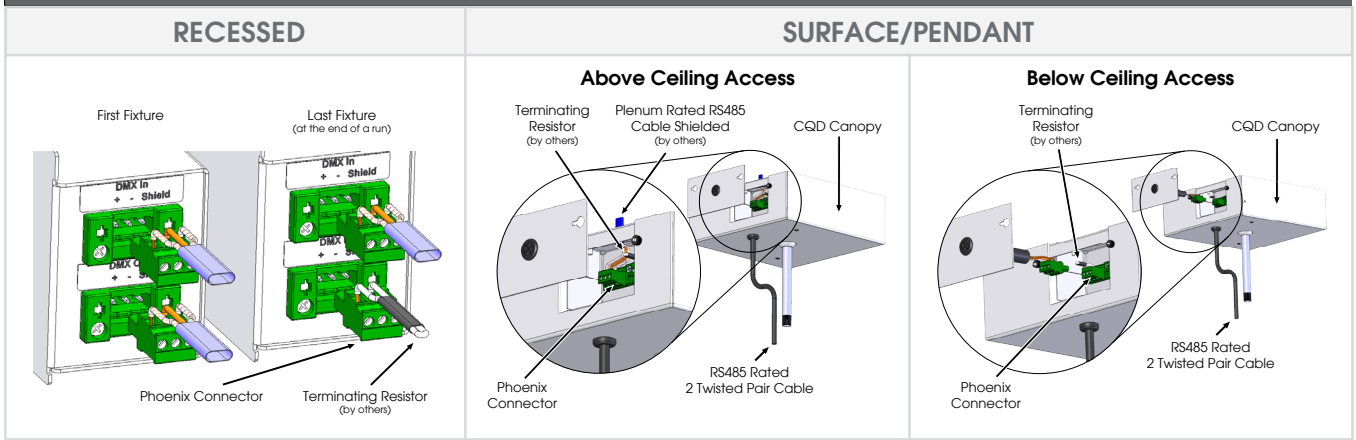# DMX CONNECTIONS AND SETTINGS GUIDE

CONSULT FACTORY OR INDIVIDUAL SPECIFICATION SHEETS FOR PRODUCT-SPECIFIC INFORMATION INCLUDING AVAILABLE OPTIONS, UNIT LOADS, AND CONSTRUCTION DETAILS. SPECTRUM LIGHTING SUGGESTS YOU CONSULT YOUR 512 TECH IN DECIDING DMXS OR DMXC. PLEASE CHECK ONE BOX FOR DMXS OR DMXC. CUSTOM OPTIONS WILL CARRY DIFFERENT PRICING AND LEAD TIME. PLEASE FILL OUT SHEET AND SEND TO OUR QUOTES TEAM AT quotes@speclight.com TO ASSURE PRODUCT IS SPECIFIED CORRECTLY.
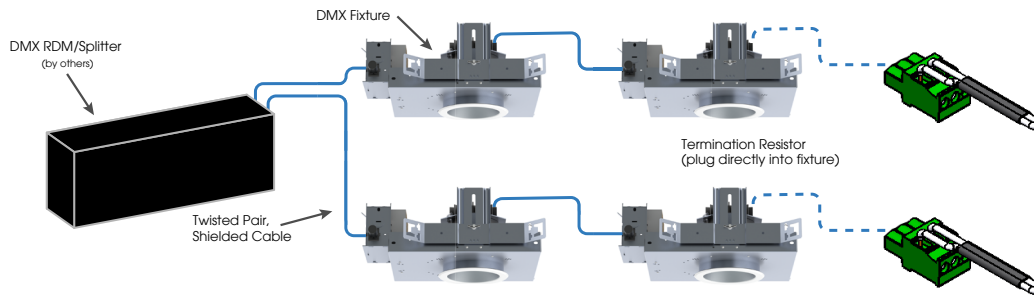
dimming options

DMXS - STANDARD CONNECTIONS/ADDRESSING (RECESSED & SURFACE/PENDANT)

- PHOENIX CONNECTORS
- LOGARITHMIC DIMMING
- 100% OUTPUT WITH NO DMX SIGNAL
- 8-BIT NETWORK RESOLUTION
- ADDRESS OF 1
- WILL DIM TO DARK

Figure 1 - STANDARD CONNECTIONS

RECESSED	SURFACE/PENDANT

DMX wiring must be daisy chained from fixture to fixture.

- Customer is responsible for providing two sets of low impedance cables to the fixtures.
- Customer is responsible for accounting for various state and local building codes when handling wiring applications for DMX signals.
- For recessed fixtures, removable Phoenix connectors with screw terminals will be used to secure the flying leads from the DMX cable (cable by others). (For more details on the pluggable terminals, refer to Phoenix Contact 1792537)
- For Surface/Pendant fixtures, customer will pull the appropriate RS485 rated cable either through or below the ceiling into the fixture's CQD canopy assembly. Removable Phoenix connectors with screw terminals will be used to secure the flying leads from the DMX cable (cable by others). (For more details on the pluggable terminals, refer to Phoenix Contact 1792537).
- A RDM is required for assigning DMX addresses, only.
- Customer is responsible for providing 120 Ohm termination resistor(s) for fixtures at the end of each fixture string.

DMXC - CUSTOM DIM CURVE CONNECTOR, OR RESOLUTION

DMXC OPTION MAY INCREASE COST & LEAD TIME, CONSULT FACTORY FOR MORE INFORMATION
CUSTOM OPTIONS MUST MAKE A SELECTION IN EACH COLUMN

CUSTOM DIM CURVE	CUSTOM CONNECTORS	CUSTOM RESOLUTION
LINEAR	RJ45	16 BIT
LOGARITHMIC STANDARD DEFAULT	PHOENIX CONNECTORS STANDARD DEFAULT	8 BIT STANDARD DEFAULT

SPECTRUM LIGHTING INC.