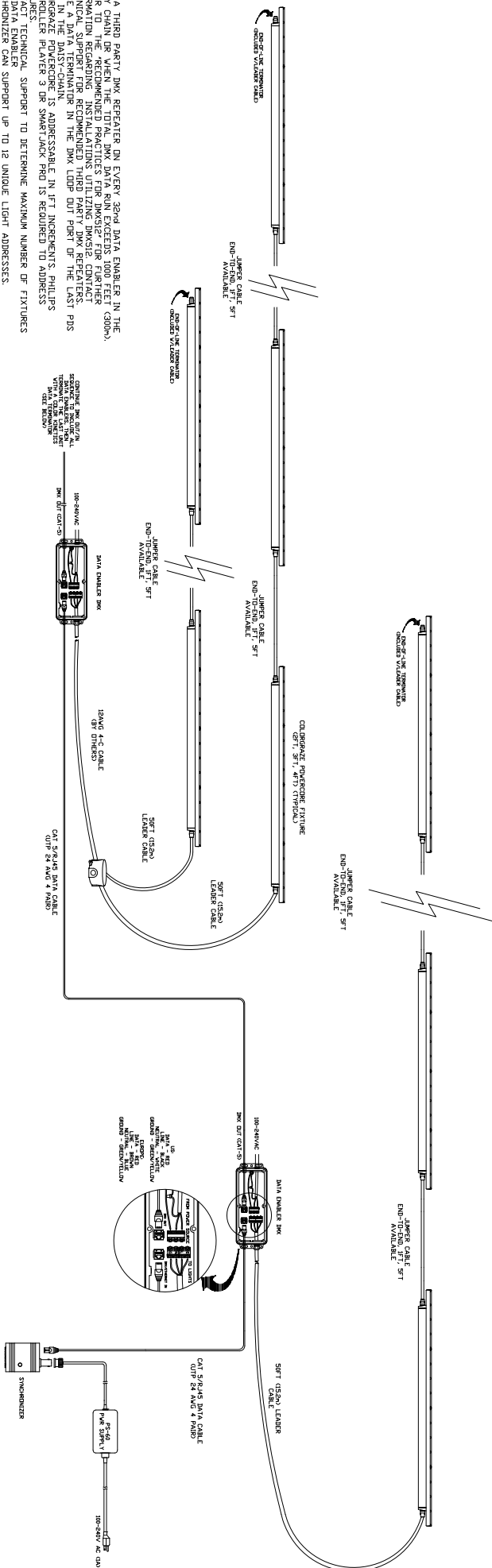


MAXIMUM TOTAL FIXTURE LENGTH: 65FT (19.8m) @ 100VAC, 90FT (27.4m) @ 120VAC, 160FT (48.7m) @ 240VAC . 175FT(53.3m) MAXIMUM SINGLE RUN - 400FT (122m) MAXIMUM TOTAL CABLE RUN PER DATA ENABLER



**NOTE:**  
 -USE A THIRD PARTY DMX REPEATER ON EVERY 32nd DATA ENABLER IN THE DMSY CHAIN OR WHEN THE TOTAL DMX DATA RUN EXCEEDS 1000 FEET (300m). REFER TO THE RECOMMENDED PRACTICES FOR DMX512 FOR FURTHER INFORMATION ON DMX512. THIS IS A STANDARD REQUIREMENT FOR ALL TECHNICAL SUPPORT FOR RECOMMENDED THIRD PARTY DMX REPEATERS.  
 -PLACE A DATA TERMINATOR IN THE DMX LOOP OUT PART OF THE LAST PDS UNIT IN THE DMX CHAIN.  
 -DMX INLET: ADDRESSABLE IN FT INCREMENTS PHILIPS CONTROLLER PLAYER 3 OR SMARTJACK PRO IS REQUIRED TO ADDRESS FIXTURES. TECHNICAL SUPPORT TO DETERMINE MAXIMUM NUMBER OF FIXTURES PER DATA ENABLER.  
 -SYNCHRONIZER CAN SUPPORT UP TO 12 UNIQUE LIGHT ADDRESSES.

**PHILIPS**

**PHILIPS COLOR KINETICS**

3 BURLINGTON WOODS DRIVE BURLINGTON, MA 01803

TECHNICAL SUPPORT: 1-888-385-5742

**DATA TERMINATOR**

**CAT5/RJ45 PINOUT**

**DATA ENABLER BOX**

**DMX LOOP OUT PORT**

**DMX INLET**

**DMX REPEATERS**

**CAT5 RJ45 DATA CABLE**

**SYNCHRONIZER**

**TITLE: SYSTEM WIRING DIAGRAM - TYPICAL**

**DATE: 1-7-2009**

**DWG. BY: BHG**

**SCALE: NTS**

**REV: 1**

**PRODUCTS: COLORGRAZE POWERCORE/DATA ENABLER/ SYNCHRONIZER/P/S-60**

**1 OF 1**

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