


**CAUTION:** CONNECT ONLY 1 FIXTURE RUN (12 L.F.) TO A FUSE GROUP

- NOTES:**
- EACH PDS-150e WILL SUPPORT TWO (2) RUNS OF iCOLOR FRESKO.
  - EACH RUN CAN CONTAIN A MAX. OF 12 LINEAR FT. OF iCOLOR FRESKO FIXTURES, FOR A TOTAL OF 24 L.F. PER PDS-150e.
  - USE 3 CONDUCTOR, 14-16 AWG LEAD CABLES (SUPPLIED BY OTHERS) FROM PDS-150e TO FIRST JUNCTION BOX.
  - MAX. CABLE RUN FROM PDS-150e TO LAST LIGHT: 50 FEET (15m).

CONTINUE DMX OUT/IN SEQUENCE TO INCLUDE ALL PWR/DATA SUPPLIES, THEN TERMINATE THE LAST UNIT (SEE BELOW)

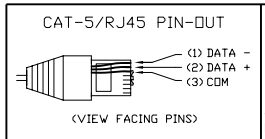
**DATA TERMINATOR**



PLACE IN DMX LOOP OUT PORT OF POWER/DATA SUPPLY WHEN REQUIRED (SEE NOTES)

**NOTE:**

- USE DMX OUT REPEATER (INSTEAD OF LOOP OUT) ON EVERY 32nd PDS UNIT IN A CHAIN, OR WHEN A DATA CABLE RUN BETWEEN UNITS EXCEEDS 400'. WHEN USING THE DMX OUT REPEATER, PLACE A DATA TERMINATOR IN THE DMX LOOP OUT PORT OF THAT PDS UNIT (SEE ABOVE).



COLOR KINETICS INCORPORATED  
 10 MILK STREET, SUITE 1100  
 BOSTON, MA 02108  
 888 FULL RGB  
 617 423 9999  
 WWW.COLORKINETICS.COM

\*FULL SPECTRUM DIGITAL LIGHTING\*

**TITLE:**  
 SYSTEM WIRING DIAGRAM (TYP)

**PRODUCTS:**  
 iCOLOR FRESKO/PDS-150e/iPLAYER 2/  
 CONTROLLER KEYPAD/PS-60

**DATE:**

**DWG. BY:** TC

**SCALE:** NTS

**REV:**

**PAGE:** 1 OF 1

100-240V AC (1A)

PS-60  
 PWR SUPPLY

iPLAYER 2

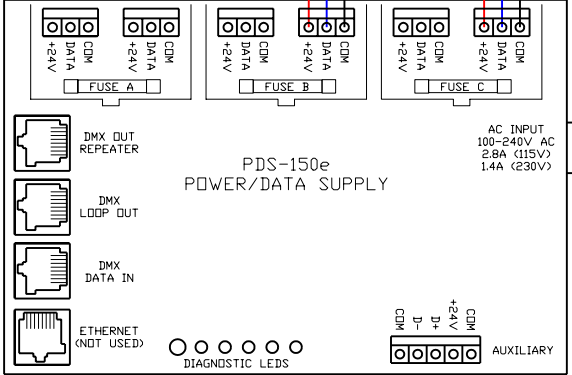
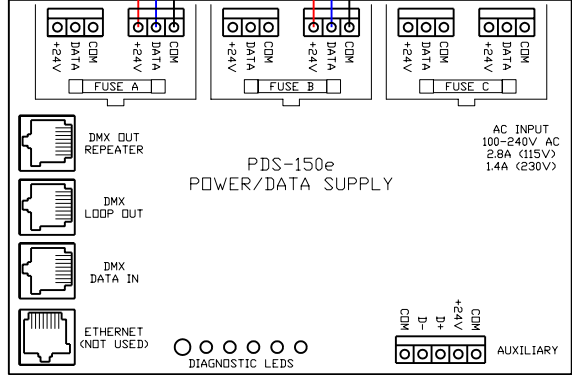
CONTROLLER KEYPAD

CAT 5/RJ45 DATA CABLE  
 (UTP 24 AWG 4 PAIR)

CAT 5/RJ45 DATA CABLE  
 (UTP 24 AWG 4 PAIR)

PDS-150e  
 POWER/DATA SUPPLY

PDS-150e  
 POWER/DATA SUPPLY



CONDUIT OR JACKETED CABLE\*  
 (IF REQUIRED)

\* SUPPLIED BY OTHERS

1/2" THREADED PIPE \*  
 JUNCTION BOX COVER \*  
 GASKET \*  
 WATERPROOF JUNCTION BOX \*

CAP OFF FIRST RUN, THEN  
 CONNECT SECOND RUN TO LEAD  
 CABLE IN JUNCTION BOX.  
 DO NOT CONNECT RUNS TOGETHER.

iCOLOR FRESKO  
 (1', 2' OR 4' LENGTHS)

MAX. 50' LEAD RUN

OUT TO NEXT RUN OF  
 iCOLOR FRESKO FIXTURES

MAX. RUN = 12 LINEAR FT.

MAX. RUN = 12 LINEAR FT.

L JOINT

T JOINT