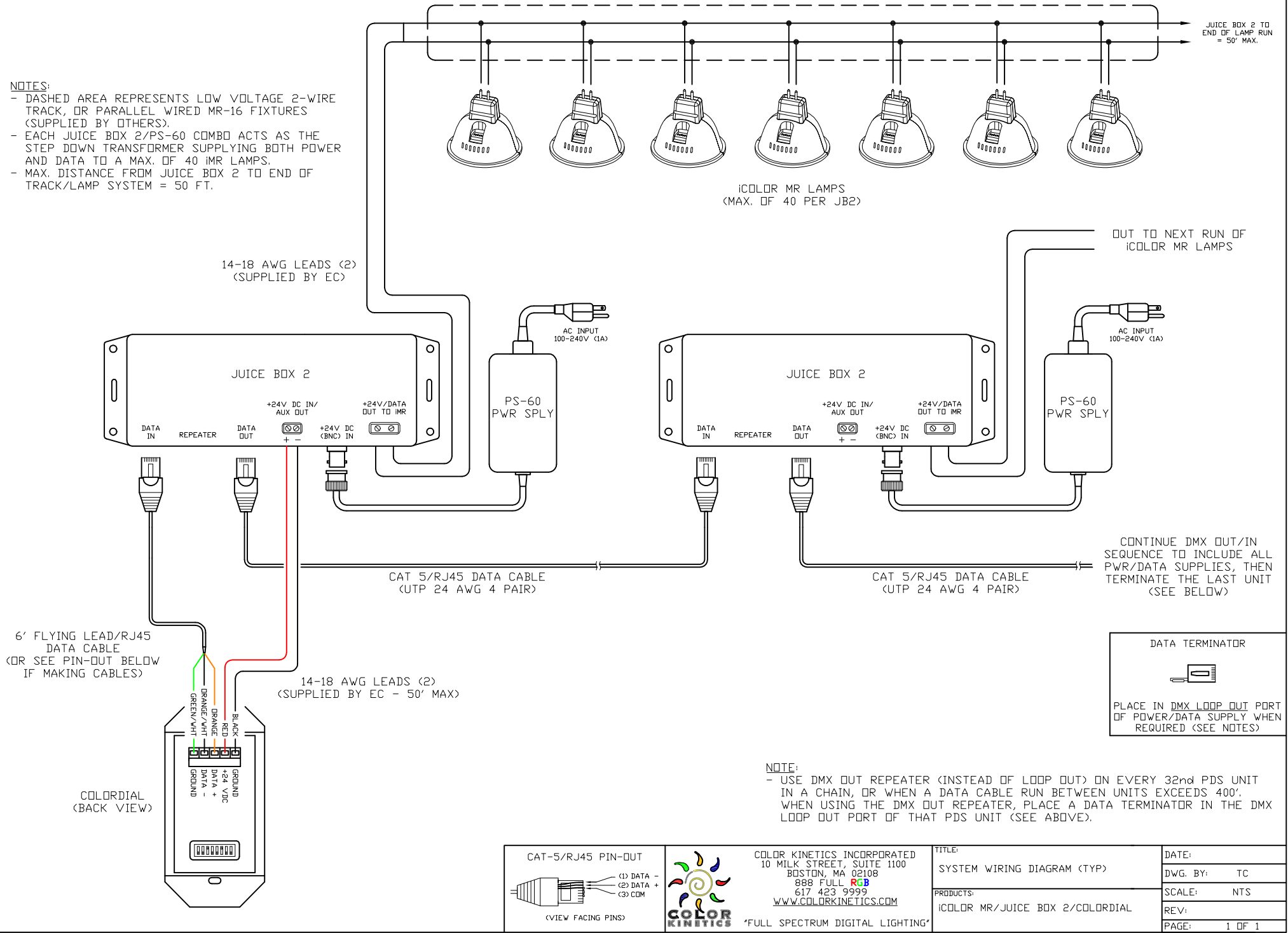


**NOTES:**

- DASHED AREA REPRESENTS LOW VOLTAGE 2-WIRE TRACK, OR PARALLEL WIRED MR-16 FIXTURES (SUPPLIED BY OTHERS).
- EACH JUICE BOX 2/PS-60 COMBO ACTS AS THE STEP DOWN TRANSFORMER SUPPLYING BOTH POWER AND DATA TO A MAX. OF 40 IMR LAMPS.
- MAX. DISTANCE FROM JUICE BOX 2 TO END OF TRACK/LAMP SYSTEM = 50 FT.



JUICE\_BOX 2 TO  
END OF LAMP RUN  
= 50' MAX.

iCOLOR MR LAMPS  
(MAX. OF 40 PER JB2)

14-18 AWG LEADS (2)  
(SUPPLIED BY EC)

OUT TO NEXT RUN OF  
iCOLOR MR LAMPS

AC INPUT  
100-240V (1A)

AC INPUT  
100-240V (1A)

JUICE BOX 2

JUICE BOX 2

PS-60  
PWR SPLY

PS-60  
PWR SPLY

DATA IN REPEATER DATA OUT

DATA IN REPEATER DATA OUT

+24V DC IN/  
AUX OUT

+24V DC IN/  
AUX OUT

+24V/DATA  
OUT TO IMR

+24V/DATA  
OUT TO IMR

+24V DC  
(BNC) IN

+24V DC  
(BNC) IN

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


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

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

6' FLYING LEAD/RJ45  
DATA CABLE  
(OR SEE PIN-OUT BELOW  
IF MAKING CABLES)

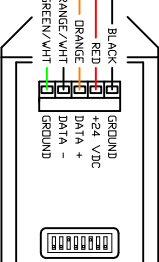
14-18 AWG LEADS (2)  
(SUPPLIED BY EC - 50' MAX)

**DATA TERMINATOR**



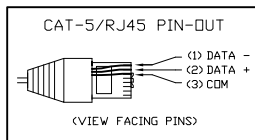
PLACE IN DMX LOOP OUT PORT  
OF POWER/DATA SUPPLY WHEN  
REQUIRED (SEE NOTES)

COLORDIAL  
(BACK VIEW)



**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).




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BOSTON, MA 02108  
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617 423 9999  
[www.COLORKINETICS.COM](http://www.COLORKINETICS.COM)

\*FULL SPECTRUM DIGITAL LIGHTING\*

|  |              |
|--|--------------|
| TITLE:<br>SYSTEM WIRING DIAGRAM (TYP)        | DATE:        |
| PRODUCTS:<br>iCOLOR MR/JUICE BOX 2/COLORDIAL | DWG. BY: TC  |
|  | SCALE: NTS   |
|  | REV:         |
|  | PAGE: 1 OF 1 |