MAXIMUM LIGHTS PER DATA ENABLER: 70 (DEPENDING ON INSTALLATION PARAMETERS)

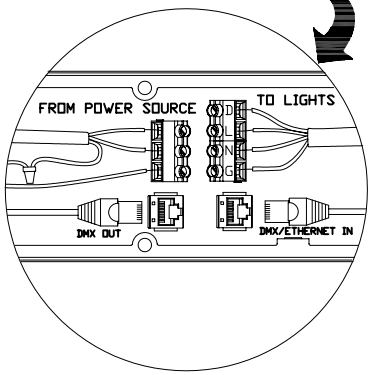
END-TO-END CONNECTION

50-FOOT LEADER CABLE

100-240VAC

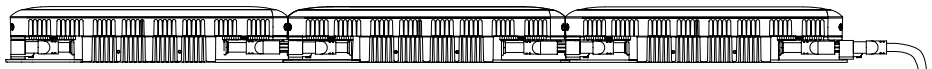
DMX OUT
(CAT-5)

CONTINUE DMX OUT/IN SEQUENCE TO INCLUDE ALL DATA ENABLERS, THEN TERMINATE THE LAST UNIT WITH A COLOR KINETICS DATA TERMINATOR (SEE BELOW)



MAXIMUM LIGHTS PER DATA ENABLER: 70 (DEPENDING ON INSTALLATION PARAMETERS)

END-TO-END CONNECTION



50-FOOT LEADER CABLE

100-240VAC

DMX OUT
(CAT-5)

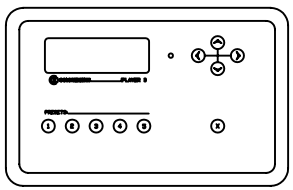
CAT 5/RJ45 DATA CABLE
(UTP 24 AWG 4 PAIR)

U.S.
DATA - RED
LINE - BLACK
NEUTRAL - WHITE
GROUND - GREEN/YELLOW

EUROPE
DATA - RED
LINE - BROWN
NEUTRAL - BLUE
GROUND - GREEN/YELLOW

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

FACEPLATE VIEW



CONNECTION VIEW

TO SERIAL INTERFACE
(50' MAX CABLE LENGTH)

100-240VAC

NOTE:
-USE A THIRD PARTY DMX REPEATER ON EVERY 32nd DATA ENABLER IN THE DAISY CHAIN OR WHEN THE TOTAL DMX DATA RUN EXCEEDS 1000 FEET (300m). REFER TO THE "RECOMMENDED PRACTICES FOR DMX512" FOR FURTHER INFORMATION REGARDING INSTALLATIONS UTILIZING DMX512. CONTACT TECHNICAL SUPPORT FOR RECOMMENDED THIRD PARTY DMX REPEATERS.
-PLACE A DATA TERMINATOR IN THE DMX LOOP OUT PORT OF THE LAST PDS UNIT IN THE DAISY-CHAIN.
-FOR CONDUIT CONNECTIONS REFER TO USER GUIDE AT WWW.COLORKINETICS.COM/SUPPORT/USERGUIDES

PHILIPS

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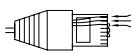
DATA TERMINATOR

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

CAT5/RJ45 PINOUT



(VIEW FACING PINS)

TITLE:	SYSTEM WIRING DIAGRAM (TYP)
PRODUCTS:	COLORCAST 14/DMX DATA ENABLER/iPLAYER 3
DATE:	9-10-2007
DWG. BY:	BHG
SCALE:	NTS
REV:	
PAGE:	1 OF 1

PHILIPS SOLID-STATE LIGHTING SOLUTIONS 3 BURLINGTON WOODS DRIVE BURLINGTON, MA 01803 TEL 1.888.FULL.RGB (1.888.385.5742) FAX 1.617.482.8610 WWW.COLORKINETICS.COM