



OPERATING TEMP.: -25 ~ 71°C
 RELATIVE HUMIDITY: 20 ~ 95%
 INPUT: 100-240V AC, 47-63 HZ, 2200mA
 OUTPUT: 24VDC 91W

STANDARD RJ45 CONNECTOR DMX PIN OUT TABLE

PIN #	WIRE COLOR	DMX SIGNAL
8	BROWN	NO CONN
7	WHITE/BROWN	REFERENCE
6	GREEN	NO CONN
5	WHITE/BLUE	NO CONN
4	BLUE	NO CONN
3	WHITE/GREEN	NO CONN
2	ORANGE	DATA -
1	WHITE/ORANGE	DATA +

LIGHTWILD DMX DIRECTOR R45 CONNECTOR DMX PIN OUT TABLE

PIN #	WIRE COLOR	DMX SIGNAL
8	BROWN	NO CONN
7	WHITE/BROWN	REFERENCE
6	GREEN	NO CONN
5	WHITE/BLUE	DATA -
4	BLUE	DATA +
3	WHITE/GREEN	REFERENCE
2	ORANGE	NO CONN
1	WHITE/ORANGE	NO CONN

STANDARD MALE CONNECTOR XLR-5PIN DMX CABLE PIN OUTS

PIN#	DMX SIGNAL
1	REFERENCE
2	DATA -
3	DATA +
4	NO CONN
5	NO CONN

LOAD AT 24VDC		LIGHTWILD MAXIMUM CABLE LENGTH FOR A SINGLE RUN MAXIMUM CABLE LENGTH TO THE LAST FIXTURE IN A CABLE RUN BY WIRE SIZE							
WATTS	AMPS	#18	#16	#14	#12	#10	#8	#6	#5
0-12	0.0-0.5	150 ft	240 ft	300 ft	300 ft	300 ft	300 ft	300 ft	300 ft
12-24	0.5-1.0	75 ft	120 ft	190 ft	300 ft	300 ft	300 ft	300 ft	300 ft
24-36	1.0-1.5	50 ft	80 ft	120 ft	200 ft	300 ft	300 ft	300 ft	300 ft
36-48	1.5-2.0	35 ft	60 ft	95 ft	150 ft	240 ft	300 ft	300 ft	300 ft
48-60	2.0-2.5	N/A	45 ft	75 ft	120 ft	190 ft	300 ft	300 ft	300 ft
60-72	2.5-3.0	N/A	40 ft	60 ft	100 ft	160 ft	250 ft	300 ft	300 ft
72-84	3.0-3.5	N/A	30 ft	55 ft	85 ft	130 ft	220 ft	300 ft	300 ft
84-90*	3.5-4.0	N/A	30 ft	55 ft	85 ft	120 ft	190 ft	300 ft	300 ft

*90 WATTS IS THE MAX WATTAGE PER RUN FOR CLASS 2 INSTALLATIONS

LEGEND

- PREINSTALLED
- FIELD INSTALLED
- - - PREINSTALLED OPTION
- · · · · FIELD INSTALLED OPTION

WIRING DIAGRAMS ARE GENERIC FOR MULTIPLE PART NUMBERS. EQUIPMENT AND OPTIONS SHOWN ON THE DIAGRAM MAY NOT BE INCLUDED AS PART OF THE EQUIPMENT PROVIDED.

FIXTURES ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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LIGHTWILD
 7320 W 162ND ST.
 OVERLAND PARK, KS 66085
 913-851-3000

PART NUMBERS
 LW-SERIESC-PSI-N1-1/2
 LW-SERIESC-PSI-N4-1/2

WIRING DIAGRAM
 LW SERIES C WIRING DIAGRAM
 NO SCALE
 REV: 01 DATE: 05/21/09
 SCALE: NONE SHEET: 1 OF 1