



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

T568-B WIRE COLOR AND 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 +

STANDARD MALE CONNECTOR XLR-5PIN DMX CABLE PIN OUTS

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

LIGHTWILD MAXIMUM CABLE LENGTH FOR A SINGLE RUN	
LOAD AT 24VDC	MAXIMUM CABLE LENGTH TO THE LAST FIXTURE IN A CABLE RUN BY WIRE SIZE
WATTS	AMPS
0-12	0.0-0.5
12-24	0.5-1.0
24-36	1.0-1.5
36-48	1.5-2.0
48-60	2.0-2.5
60-72	2.5-3.0
72-84	3.0-3.5
84-90*	3.5-4.0

#18	#16	#14	#12	#10	#8	#6
150 ft	240 ft	300 ft	300 ft	300 ft	300 ft	300 ft
75 ft	120 ft	190 ft	300 ft	300 ft	300 ft	300 ft
50 ft	80 ft	120 ft	200 ft	300 ft	300 ft	300 ft
35 ft	60 ft	95 ft	150 ft	240 ft	300 ft	300 ft
N/A	45 ft	75 ft	120 ft	190 ft	300 ft	300 ft
N/A	40 ft	60 ft	100 ft	160 ft	250 ft	300 ft
N/A	30 ft	55 ft	85 ft	130 ft	220 ft	300 ft
N/A	N/A	45 ft	75 ft	120 ft	190 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
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 OVERLAND PARK, KS 66085
 913-851-3000

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

WIRING DIAGRAM	
LW SERIES B WIRING DIAGRAM	
NO SCALE	
REV: 03	DATE: 11/19/09
SCALE: NONE	SHEET: 1 OF 1