



LIGHTWILD LIGHT FIXTURES. REFER TO FIXTURE WIRING DIAGRAMS FOR ADDITIONAL INFORMATION.

24VDC CIRCUIT, 90 WATTS MAX CONNECTED LOAD ON EACH. REFER TO LIGHT FIXTURE WIRING DIAGRAMS FOR ADDITIONAL WIRING INFORMATION.

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

LIGHTWILD MAXIMUM CABLE LENGTH FOR A SINGLE RUN		MAXIMUM CABLE LENGTH TO THE LAST FIXTURE IN A CABLE RUN BY WIRE SIZE					
LOAD AT 24VDC	AMPS	#18	#16	#14	#12	#10	#6
0-12	0.0-0.5	150 ft	240 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
24-36	1.0-1.5	50 ft	80 ft	120 ft	200 ft	300 ft	300 ft
36-48	1.5-2.0	35 ft	60 ft	95 ft	150 ft	240 ft	300 ft
48-60	2.0-2.5	N/A	45 ft	75 ft	120 ft	190 ft	300 ft
60-72	2.5-3.0	N/A	40 ft	60 ft	100 ft	160 ft	250 ft
72-84	3.0-3.5	N/A	30 ft	55 ft	85 ft	130 ft	220 ft
84-90*	3.5-4.0	N/A	N/A	45 ft	75 ft	120 ft	190 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-SERIESA-PSI-N1-1/2/3
 LW-SERIESA-PSI-N4-1/2

WIRING DIAGRAM

LW SERIES A WIRING DIAGRAM

REV: 01 DATE: 05/21/09
 SCALE: NONE SHEET: 1 OF 1