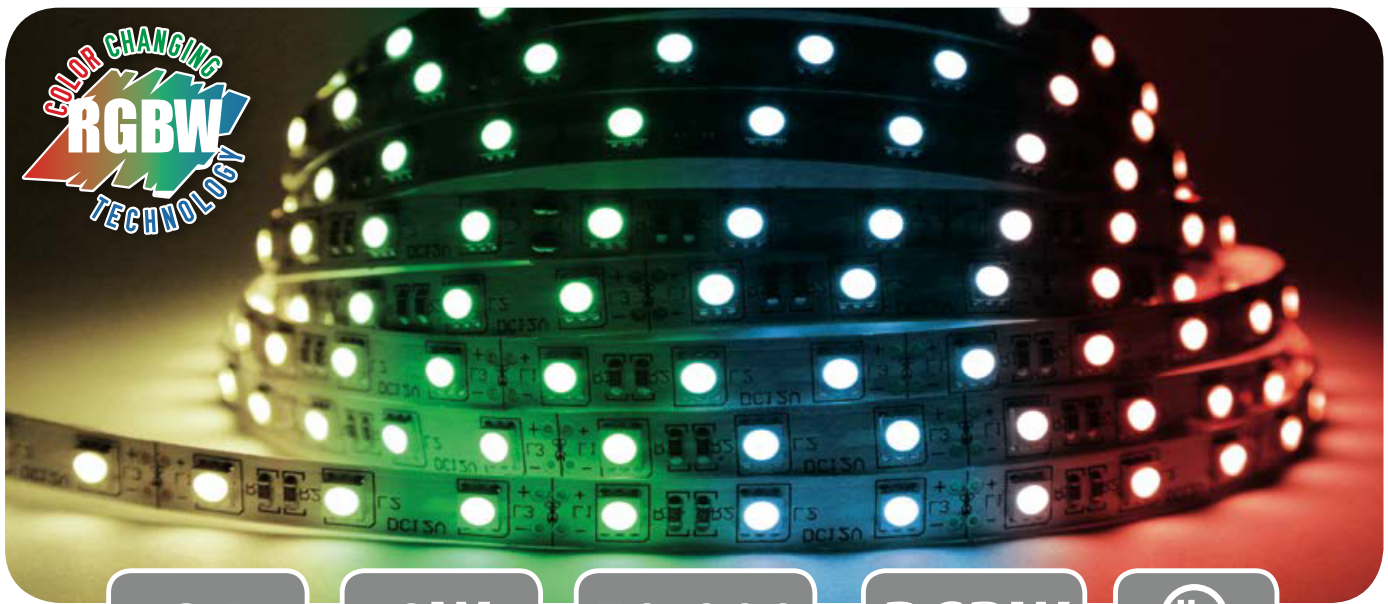
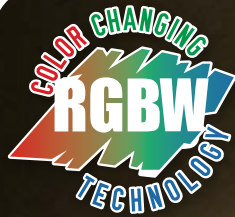




24

Voltage

9W

Watts/Ft

50,000

Life (hours)

RGBW

LED Type



Listing

LB102-RGB/W (Indoor)

Features:

- Make use of SMD LED which size is 3.5mm x 2.8mm x 1.85mm
- The height is 4.5mm only; can be used in small areas
- Super bright 3528 SMD LED
- Excellent flexibility
- Transparent silicone tube, UV resistant

Applications:

- Elite LED tape light must use electronic transformer to power up one run at 15' (5m).
- Elite LED color changing RGB/W tape light controller has 11 different modes and can be controlled via a remote control device. (part number LB2819S Controller).
- Forward Voltage Drop: 1.92-2.2 V

No. of LED/Foot	> 18
Wattage/Foot	> 9W
mA/Foot	> 360mA
Color Temperature	> RGBW 65K Red Green Blue White
Beam Angle	> 120°
Spacing between LED's	> .65"
Cutting Lengths	> 2"
Max. Continuous Run (1 power)	> 16 ft w/ one end power
Listing/Rating	> UL

Descriptions:

Just one quarter inch high and one third of an inch wide, these strip lights can be installed easily in any indoor interior, from homes and retail locations.

Interconnectors

LB102-RGBW-ACC-1



LB102-RGBW-ACC-2



Power connectors

LB102-RGBW-ACC-12



LB102-RGBW-ACC-8



Coupling

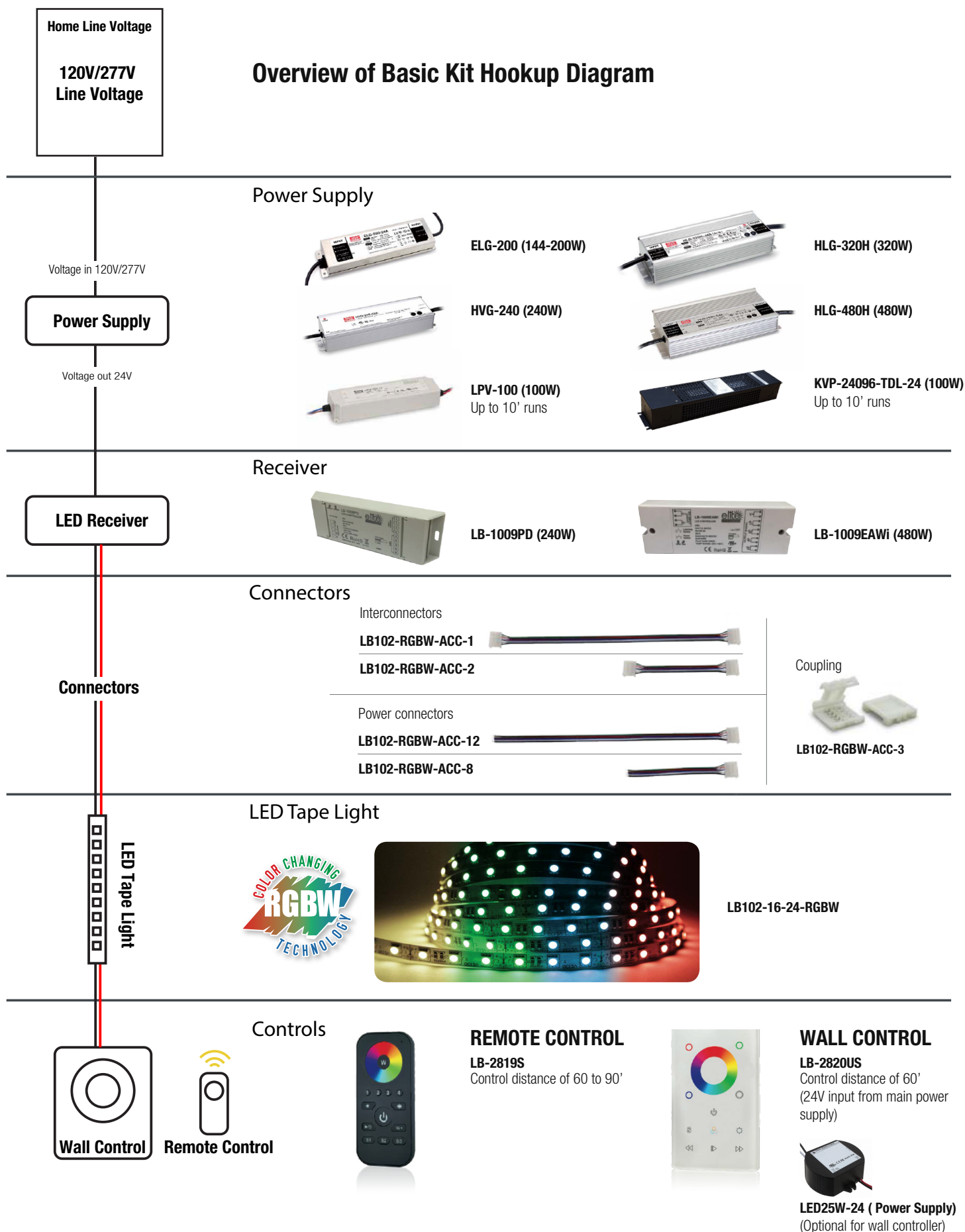


LB102-RGBW-ACC-3

ORDERING SAMPLE: LB102-15-RGBW

SERIES	LENGTH	VOLTAGE	COLOR	CONTROLLER OPTIONS	RECEIVER	ACCESSORIES
LB102	15-15'	24V	RGB/W	REMOTE CONTROL	☐ LB-1009PD (240W) ☐ LB-1009EAWi (480W)	☐ LB102-RGBW-ACC-1 12" interconnector ☐ LB102-RGBW-ACC-2 4" interconnector ☐ LB102-RGBW-ACC-12 12" power connector ☐ LB102-RGBW-ACC-8 4" power connector ☐ LB102-RGBW-ACC-3 Coupling ☐ LB102-RGBW-ACC-5 24" Interconnector
				☐ LB-2819S Control distance of 60 to 90'		
				WALL MOUNTED CONTROLLER	POWER SUPPLY	
				☐ LB-2820US Control distance of 60'	☐ ELG-200 (144-200W) ☐ HVG-240 (240W) ☐ LPV-100 (100W) ☐ HLG-320H (320W) ☐ HLG-480H (480W) ☐ KVP-24096-TDL-24V (100W)	

Overview of Basic Kit Hookup Diagram



RF AND WIFI RGBW REMOTE CONTROL



LB-2819S FEATURES

- User-friendly interface, easy and simple operation.
- Operation return function.
- Control up to 4 or 6 zones, each zone can be set endless receivers, each receiver maximally be controlled by 8 different remotes.
- Set 3 or 6 scenes at each zone.
- Preset 10 changing modes, with pause function.
- Synchronization function of pattern changes ensure consistent change forever.
- Receivers can work with RF-WIFI converter after installing software on IOS and Android system.
- Enable to dim brightness of each R, G, B, W channel, in order to mix millions colors.

SERIES	VOLTAGE	RECEIVER
LB-2819S	4.5VDC (3*1.5V AAA BATTERIES)	LB-1009PD LB-1009EAWi

RF AND WIFI RGBW WALL MOUNTED CONTROLLER



LB-2820US FEATURES

- Operation return function
- Control 1 zone, can be set endless receiver, each receiver maximally be controlled by 8 different remotes
- Preset 10 changing modes, with pause function.
- Synchronization function of pattern changes ensure consistent change forever.
- Receivers can work with WiFi RF converter after installing software on IOS and Android system.
- Enable to dim brightness of each RGBW channel in order to mix millions colors.
- Works with LB-1009PD or LB-1009EAWi series receivers.

SERIES	VOLTAGE	RECEIVER
LB2820US	12-24VDC	LB-1009PD LB-1009EAWi

LED
TAPE

LB-LED FLEXIBLE LED TAPE LIGHT

RF WIRELESS WALL MOUNTED RGB/W CONTROLLER



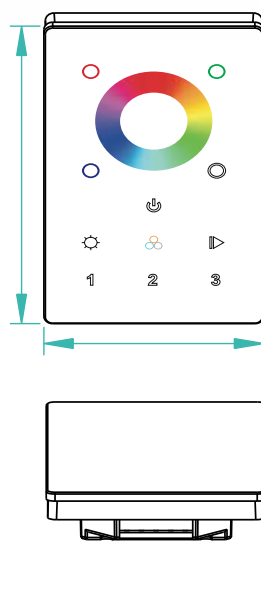
FEATURES

- 1 Zone for saving 4 colors or 4 modes
- RGBW Glass Touch remote Panel
- Work with LB-1009EAWi series receivers.

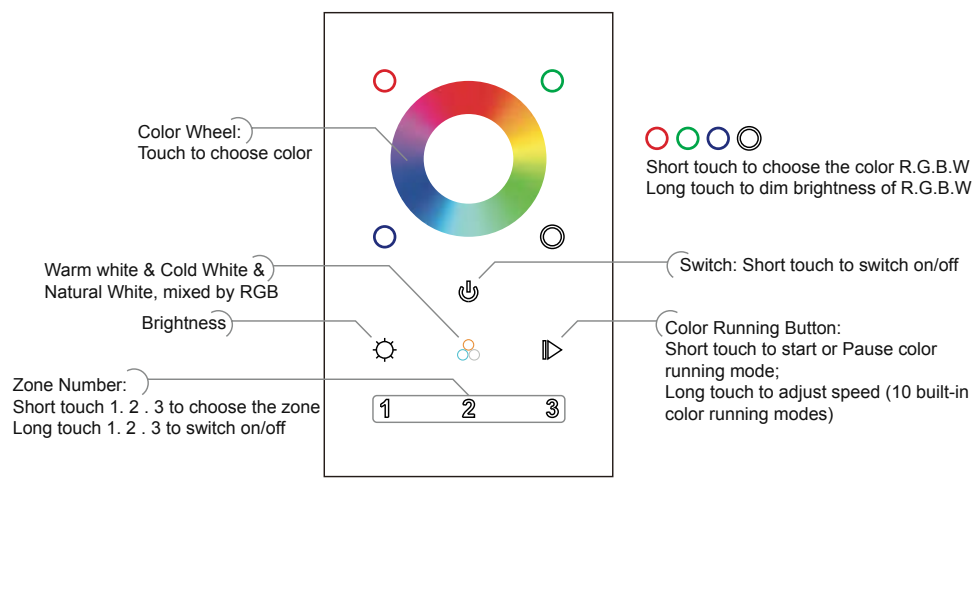


SERIES	VOLTAGE	OPERATION FREQUENCY	TEMPERATURE	APPROVAL
LB-2820US	12-24VDC	434MHz/868MHz	-20°C~+50°C	CE, FCC, RoHS

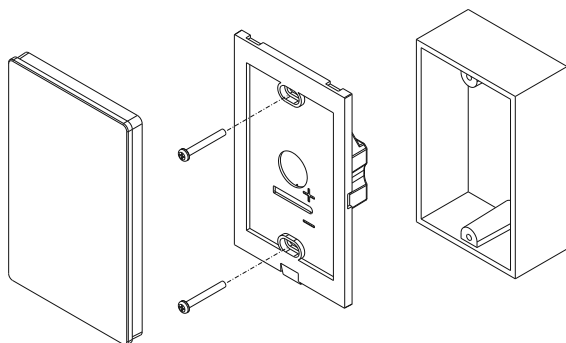
DIMENSIONS



BUTTON INSTRUCTIONS

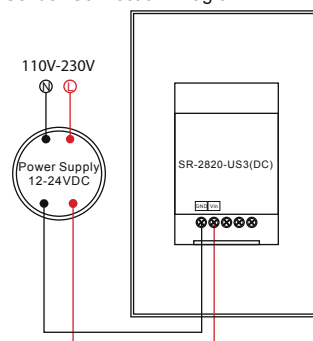


INSTALLATION



SENDER WIRING DIAGRAM

Sender Connection Diagram



LB-1009PD RECEIVER



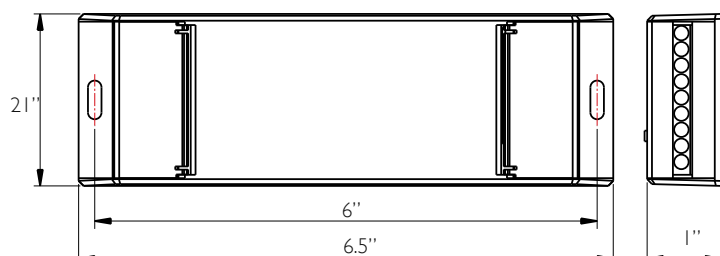
FEATURES

- RF receiver, 24V, 240W
- Signal repeater to avoid voltage drop

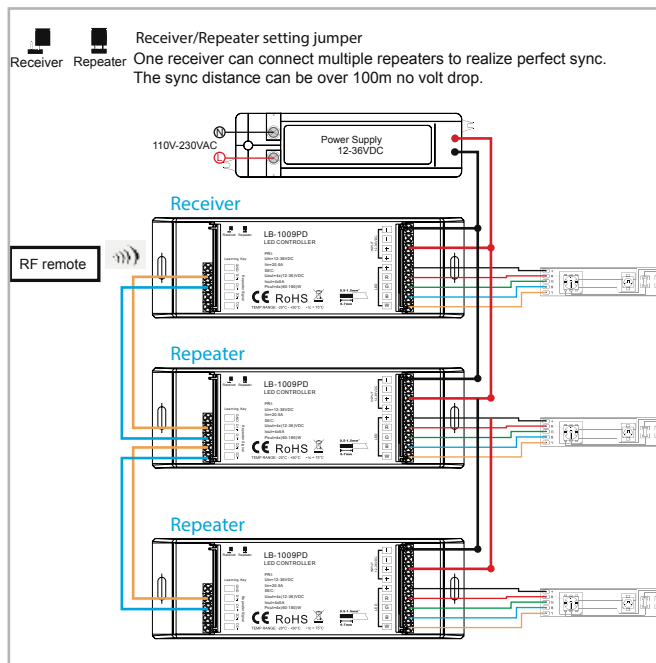
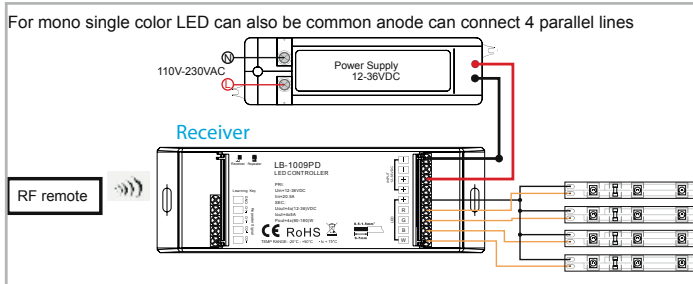
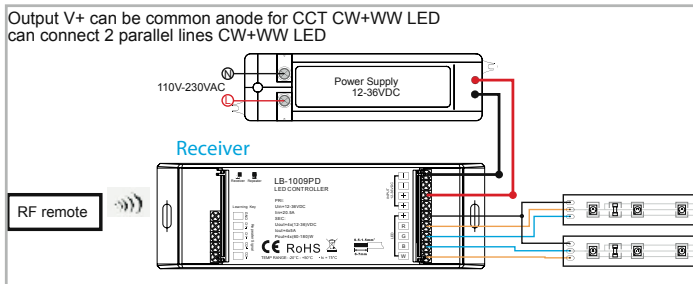
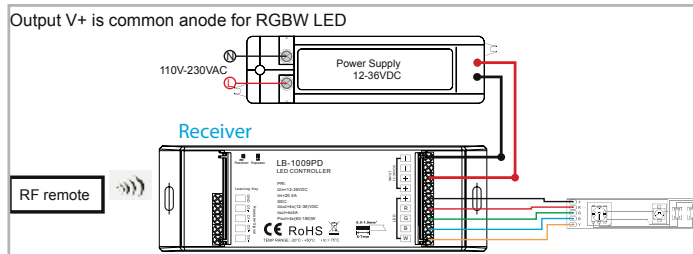


SERIES	VOLTAGE	MAX LOAD	OUTPUT	LOAD TYPE
LB-1009PD	12-36VDC	4ch x 5A	240W	REGULAR LED(0.04-0.1W)

DIMENSIONS



WIRING DIAGRAM



LB-1009EAWi

RECEIVER



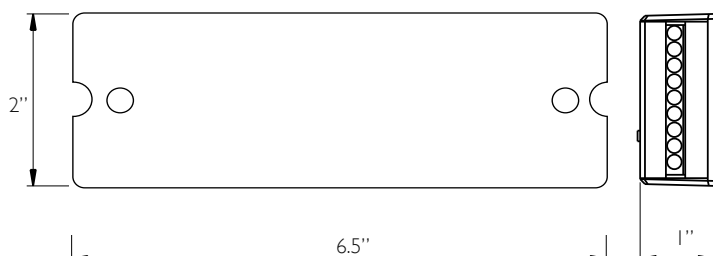
FEATURES

- RF receiver, 24V, 480W
- Signal repeater to avoid voltage drop



SERIES	VOLTAGE	MAX LOAD	OUTPUT	LOAD TYPE
LB-1009EAWi	12-36VDC	4ch x 8A	480W	REGULAR LED(0.04-0.1W)

DIMENSIONS



WIRING DIAGRAM

