LED WALL WASHER RGB SERIES
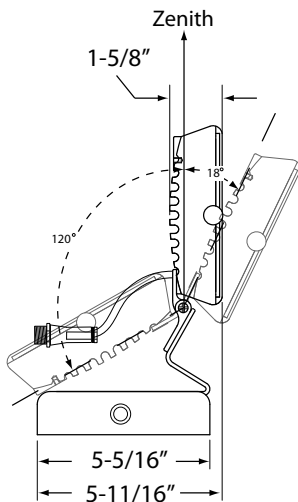
Even, bright and dynamic color changing effect lighting
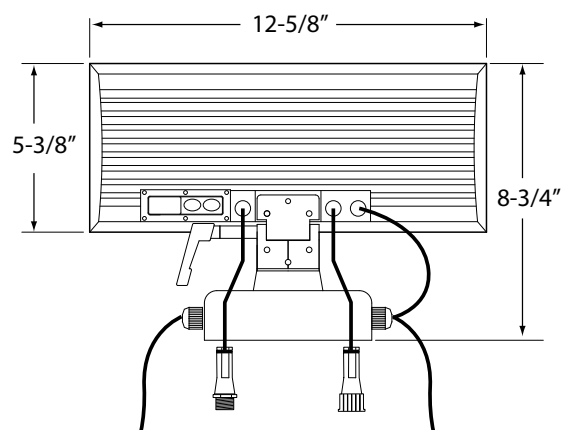
LED WALL WASHER RGB SERIES

High power LEDs are rated for up to 100,000 hours and require virtually no maintenance, saving energy and labor costs. The durable DMX 512 compatible housings are sealed, rated IP65 and manage heat dissipation efficiently, keeping the LEDs cool. The fixtures meet the needs of lighting designers, architects and specifiers by offering an exciting new array of effect lighting possibilities, both interior and exterior.

FEATURES

- Full RGB color mixing produces 16 million colors
- High brightness LEDs create a bright wash of light, projecting up to 65 feet
- Link up to 30 Wall Washers in a single run or use new wireless receiver/transmitter and stand alone controller when cable-free floor space is needed (see facing page for details)
- Link multiple controllers together to create large scale synchronized lighting effects (consult factory for assistance)
- Adjustable angle design and easy installation maximizes on site flexibility
- Long life, low maintenance LEDs last up to 100,000 hours
- All units feature durable aluminum alloy housing with IP65 rating for plug-in use in wet locations (provide GFCI protection)
- Housing design keeps cool and protects electronics and LEDs from heat, prolonging life
- Suitable for heavy duty use (more than 12 hours per day)
- Three year warranty

LW36-RGB, SIDE VIEW

LW36-RGB, REAR VIEW

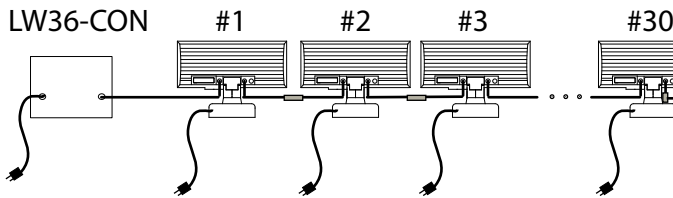# Using LW36-CON with RGB Wall Washers for Pre-programmed Colors and Fade Control

LW36-CON Fade Controller

Features
- Seven preset colors (Red, Green, Yellow, Blue, Purple, Cyan and White)
- Multiple pre-programmed color sequences and fades
- Controls up to 30 fixtures
- Six foot 120V AC power cord
- Signal lead connects to first fixture via data input cable (LW36-EC15)

Compatible items
- LW36-RGB
- LW36X1-RGB, LW24X1-RGB, LW36X1-RGB
- LW36-EC15 (up to 1,500 feet)
- LW36-EX15 (up to ten fixtures)
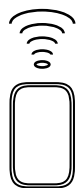
LW36-CON #1 #2 #3 #30

The LW36-CON will control up to 30 fixtures. Use LW-END to cap off last "signal out" cable to prevent signal bounce-back. Indoors, power can be linked via LW36-EX-15, up to 10 fixtures maximum.
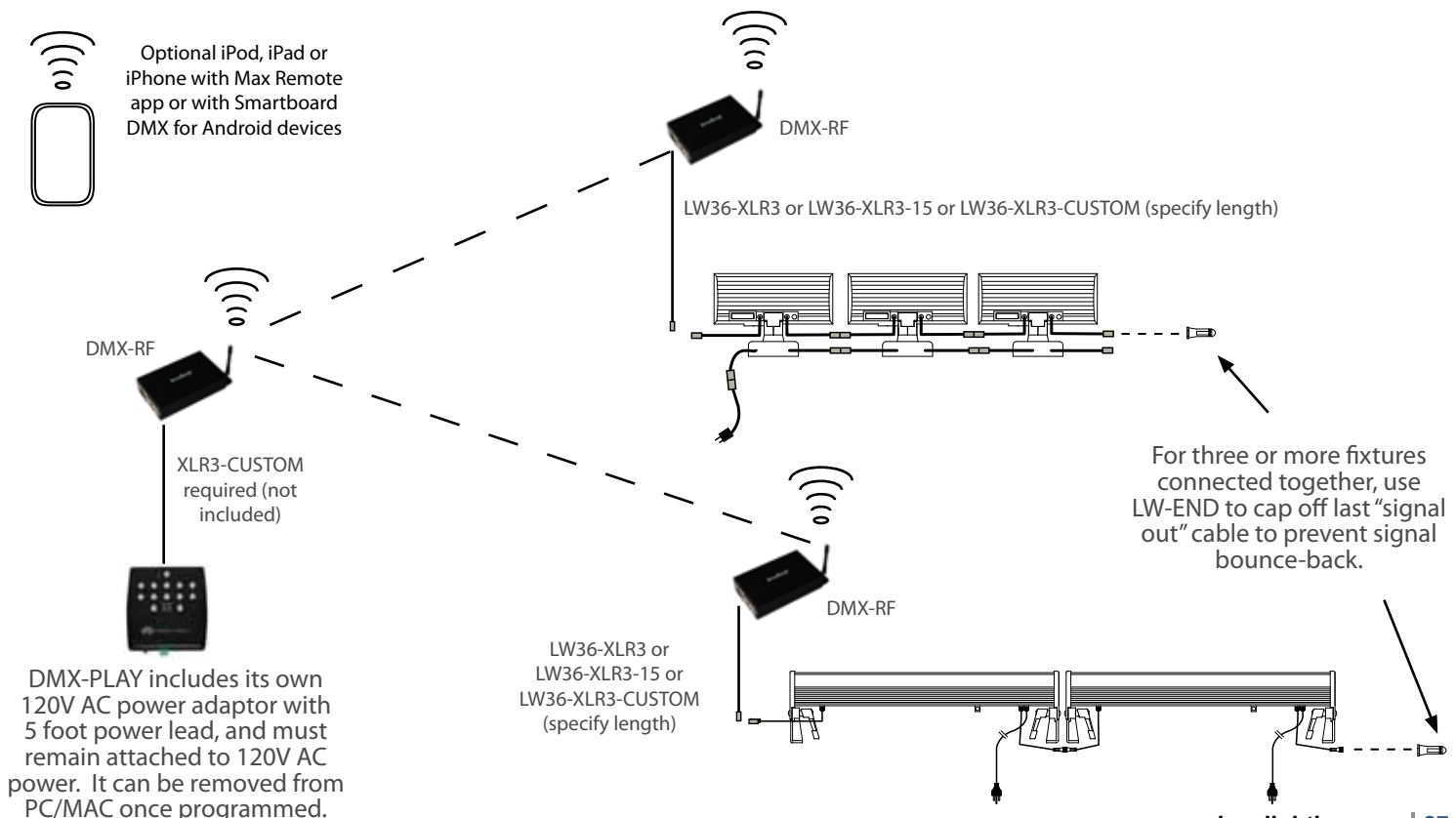
Using DMX-RF Wireless Transmitter/Receiver with RGB Wall Washers for DMX Control

The DMX-RF wireless unit will function as either a trasmitter for 512 channels, or as a receiver picking up the signal for the channel(s) for all its connected Wall Washers. Maximum wireless distance is 200 feet for line of sight situations between transmitter and receiver, and 100 feet when obstacles exist between units. DMX-RF is compatible with DMX-USB, DMX-PLAY, and any addressable unit or fixture (LW Wall Washers, LED-4WR-90CTRL and LED-4WR-490CTRL-24V).

Multiple Wall Washers can be set to different channels and the connected wireless unit will sort out signals for each fixture automatically.

Optional iPod, iPad or iPhone with Max Remote app or with Smartboard DMX for Android devices

DMX-RF

LW36-XLR3 or LW36-XLR3-15 or LW36-XLR3-CUSTOM (specify length)

DMX-RF

XLR3-CUSTOM required (not included)

For three or more fixtures connected together, use LW-END to cap off last "signal out" cable to prevent signal bounce-back.

DMX-RF

LW36-XLR3 or LW36-XLR3-15 or LW36-XLR3-CUSTOM (specify length)

DMX-PLAY includes its own 120V AC power adaptor with 5 foot power lead, and must remain attached to 120V AC power. It can be removed from PC/MAC once programmed.
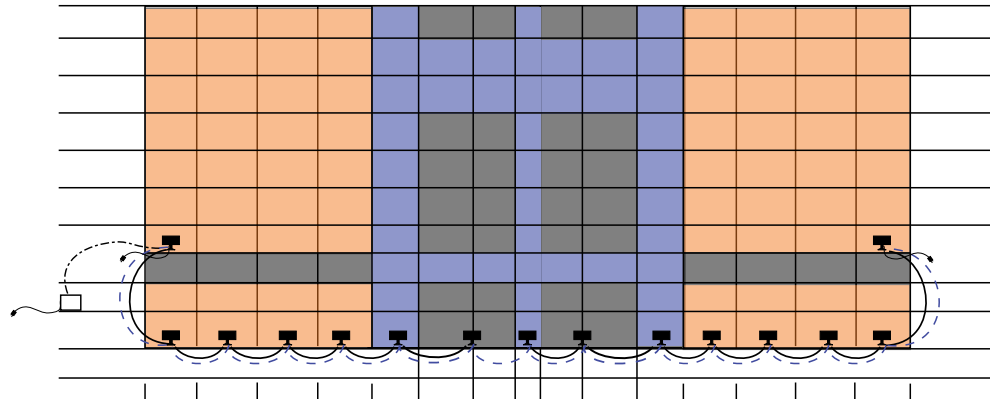
LED WALL WASHER RGB SERIES

FIXTURE

LW36-RGB

Color Changing Array

See page 29 for RGB Linear fixtures.

Bill of materials for Invesco Field at Mile High installation:

- (15) LW36-RGB
- (13) LW36-EC15
- (14) LW36-EX15
- (1)   DMX-PLAY
- (1)   LW36-XLR3-15

LEGEND:

▼	WALL WASHER FIXTURE	(LW36-RGB)
☐	DMX INTERFACE	(DMX-PLAY)
⌐∨⌐	SIGNAL CABLE	(LW36-EC15)
∿	POWER CABLE	(LW36-EX15)
⌐∨⌐	XLR3 ADAPTER CABLE	(CUSTOMCABLE)

ACCESSORIES

XLR3-CUSTOM
XLR3 male to XLR3 female
Specify length

LW-END
DMX terminator for three or more fixtures to prevent signal bounce back

LW36-EC15, LW36-EC-CUSTOM
15' or custom length signal extension cable; male and female mini 3-pin connectors connect data between fixtures; can be interconnected to create longer lengths

LW36-EX15
15' power extension cable for inter-connecting 120V power up to ten wall washers only

LW36-XLR3, LW36-XLR3-CUSTOM
2' or custom length adaptor cable for DMX; male mini 3-pin connects to first fixture, female XLR3 connects to DMX-USB OR DMX-PLAY

LW36-XLR3-15
15' adaptor cable for DMX; male mini 3-pin connects to first fixture, female XLR3 connects to DMX-USB or DMX-PLAY
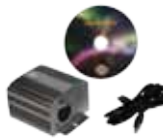
DMX-PLAY
MAC/PC DMX software with pre-programmable interface and USB adaptor cable; features calendar up to one year and "stand alone" capability; requires XLR3-CUSTOM cable (sold separately)

LW36-CON   (see page 27 for more details)
Controller for LED Wall Washer, seven preset colors, some stored functions including fade and speed control, 120V AC, 6' power cord

DMX-USB
MAC/PC DMX software with pre-programmable interface and USB adaptor cable; requires XLR3 cable
No calendar or "stand alone" functionality

DMX-RF   (see page 27 for more details)
Wireless RF receiver/transmitter (one unit can transmit 512 channels); for use with any addressable fixture, 6 foot power cord
Requires XLR3-CUSTOM (sold separately)

Not every installation requires DMX. Factory presets allow multiple static colors and simple fade operations. Specify DMX equipment when specific color matching is required and/or when fixtures need to have different colors and values simultaneously. Call distributor for details.

TECHNICAL SPECIFICATIONS

Voltage	120V AC, 60 Hz
Construction	Aluminum alloy housing and integrated driver with IP65 rating, fully sealed for use in wet locations, black enamel finish (for LW36-RGB) silver enamel for Linear Wall Washers
Mounting	Integrated mounting holes in housing legs/brackets
Dimensions	LW36-RGB: H = 8-3/4", W = 12-5/8", D = 5-11/16"
Control leads	12" input power and 12" output power adaptor lead (LW36-RGB only); 12" input signal and 12" output signal, mini 3-pin signal connector
Switching	Use switched outlet to control power or control via laptop or mobile (see page 27)
Wattage	LW36-RGB = 48 watts
Maximum run	For signal: 1,500 feet between controller and final fixture; for "daisy-chaining" indoors 120V power (LW36-RGB): 10 wall washers
Linking data	Interconnect directly for 18" spacing; use fifteen foot signal cables (interconnectable to create longer lengths) for linking multiples; custom length cables also available
LED specs	100,000 hour rated life, high power (1-watt) LEDs, Red: 2.4V, Green and Blue: 3.6V, 350mA, 5mm, 25° beam angle
Dimmers	Use with DMX interface/software or LW36-CON controller; not dimmable with wall dimmers
Diffuser	Clear polycarbonate lens
DMX	Three channels (Red, Green and Blue), compatible with USITT standard DMX512 output control software
Packaging	White box

120

AC

P