CONTROLS
& POWER SUPPLIES

FOURTH EDITION

JESCO
LIGHTING GROUP

Project: Tropicana Casino, Atlantic City, NJ, North Tower Casino
Architect: SOSH Architects
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Photographer: John DiMaio

JESCO offers an extensive array of Control Solutions as well as Power Supplies for all our Low Voltage and Line Voltage LED Fixtures and Flexible Linear Products. Controls range from a simple dimming driver solution for Static White lighting to sophisticated DMX options for RGBWW lighting with or without a Mobile App. The following pages provide best-practices solutions to control and power various types of LEDs to meet your design needs. Our experienced technical team is available to further assist you in the specification process.

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STATIC WHITE DIMMING

JESCO DIMMING DRIVERS

JESCO's large offering of dimmable drivers are compatible with most TRIAC, MLV, ELV and 0-10V dimmers in the market.

- Large selection of drivers in various wattages, inputs, dry and wet location options.
- May be dimmed with most readily available Dimming Controls by others such as Lutron and Leviton. See spec sheet for complete list.
- Only requires a JESCO Dimmable Driver and a third-party dimmer.
- Universal Input

TRIAC DIMMING

Input Power Dimming Controller Dimmable Drivers

L N Dim+ Dim− + −

24V DC Output Dimmable Fixture

Power Connector Cable (Hardwire to Hardwire or Plug & Play)

10 15
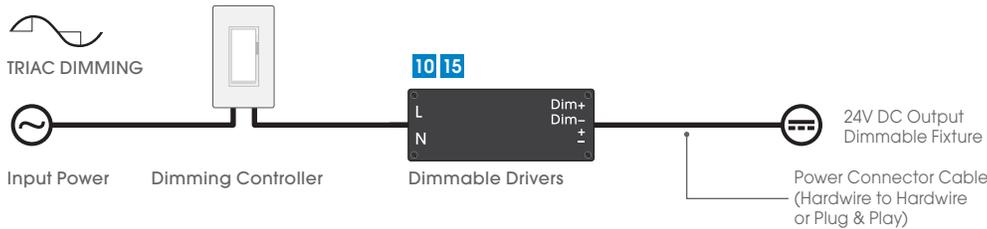
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10 DL-PS-40/24-JB-DIM-A
DL-PS-60/24-JB-DIM-A
DL-PS-96/24-JB-DIM-A
15 DL-PS-30/24-JB-OD-UNI-DIM
DL-PS-60/24-JB-OD-UNI-DIM
DL-PS-96/24-JB-OD-UNI-DIM
DL-PS-96x2/24-JB-OD-UNI-DIM
DL-PS-96x3/24-JB-OD-UNI-DIM
DL-PS-96x4/24-JB-OD-UNI-DIM

ELV DIMMING

Input Power Dimming Controller Dimmable Drivers

L N Dim+ Dim− + −

24V DC Output Dimmable Fixture

Power Connector Cable (Hardwire to Hardwire or Plug & Play)

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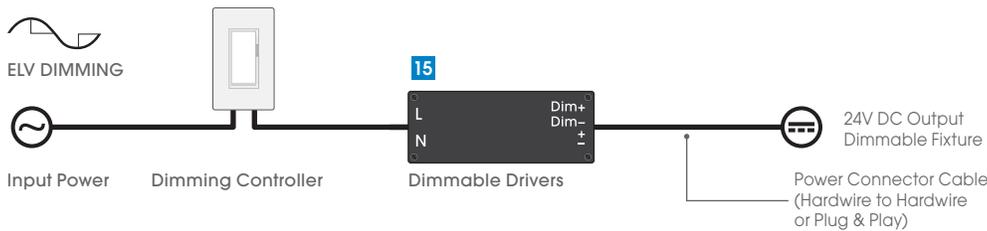
LED DRIVERS page 24-25

15 DL-PS-30/24-JB-OD-UNI-DIM
DL-PS-60/24-JB-OD-UNI-DIM
DL-PS-96/24-JB-OD-UNI-DIM
DL-PS-96x2/24-JB-OD-UNI-DIM
DL-PS-96x3/24-JB-OD-UNI-DIM
DL-PS-96x4/24-JB-OD-UNI-DIM

0-10V DIMMING

Input Power Dimming Controller Dimmable Drivers

L N Dim+ Dim− + −

24V DC Output Dimmable Fixture

Power Connector Cable (Hardwire to Hardwire or Plug & Play)

11 15
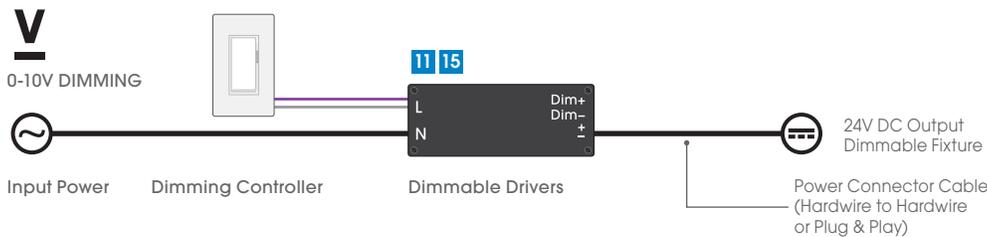
LED DRIVERS page 24-25

11 DL-PS-30/24-JB-OD-DIM
DL-PS-60/24-JB-OD-DIM
DL-PS-96/24-JB-OD-DIM
15 DL-PS-30/24-JB-OD-UNI-DIM
DL-PS-60/24-JB-OD-UNI-DIM
DL-PS-96/24-JB-OD-UNI-DIM
DL-PS-96x2/24-JB-OD-UNI-DIM
DL-PS-96x3/24-JB-OD-UNI-DIM
DL-PS-96x4/24-JB-OD-UNI-DIM

RADIO FREQUENCY ADVANCED WIRELESS HANDHELD OR WALL MOUNT CONTROLS

JESCO's Radio Frequency Wireless Controllers are paired wirelessly with the Receiver. The wireless Handheld Remote Controllers or Wireless Wall Mounted Controllers can be used within 100 feet of the Receiver.

- Handheld or wall-mounted controller options
- Wall mount controllers offer modern design with glass face plate
- Wireless pairing between Controller and Receiver
- Does not require line-of-sight

Input Power

LED Drivers

L   +
N   −

1 2 3 4 5 6 9

LC-RF-400-RCV Receiver

24V DC Output
Dimmable Fixture

Power Connector Cable
(Hardwire to Hardwire or Plug & Play)

Controller
May require batteries or separate power supply. See specs for details.

LED DRIVERS   page 24-25

1 **DL-PS-WP24/24**
2 **DL-PS-24/24**
 DL-PS-48/24
 DL-PS-60/24
3 **DL-PS-60/24-CL2**
 DL-PS-90/24-CL2
4 **DL-PS-100/24-CL2**
5 **DL-PS-96/24-HWD**
6 **DL-PS-100/24-TB**
9 **DL-PS-30/24-JB-OD-S**
 DL-PS-60/24-JB-OD-S
 DL-PS-96/24-JB-OD-S

CONTROLLERS

LC-RF-400H-DIM
Remote Controller
Dims: 4 ¾" L × 2 ³⁄₁₆" W × ¹¹⁄₁₆" H
Operating Voltage: 3.6V DC (3 × AAA batteries)
Working Frequency: 434 MHz
Remote Distance: 100ft. max

- Touch wheel
- Includes wall mount remote holder
- 4 controllable zones
- Unlimited number of receivers per zone
- 3 savable scenes/colors per zone
- Brightness control
- Does not require line-of-sight
- Requires LC-RF-400-RCV

LC-RF-400W-DIM
Single Wall Mounted Controller
Dims: 4 ¾" L × 2 ¹⁵⁄₁₆" W
Operating Voltage: 3V DC (CR2025 battery)
Working Frequency: 434 MHz
Remote Distance: 100ft. max

- Fits standard single gang switch box
- Utilizes a battery for wireless installation
- Does not require line-of-sight
- Requires LC-RF-400-RCV
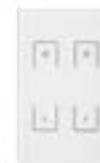
LC-RF-402W-DIM
Double Wall Mounted Controller
Dims: 4 ¾" L × 2 ¹⁵⁄₁₆" W
Operating Voltage: 12-24V DC
Working Frequency: 434 MHz
Remote Distance: 100ft. max

- Allows for 2 zone dimming
- Fits standard single gang switch box
- Does not require line-of-sight
- Requires LC-RF-400-RCV
- Requires DL-PS power supply

RF RECEIVER

LC-RF-400-RCV
Receiver / Interface
Dims: 7 ¹⁄₁₆" L × 1 ¹³⁄₁₆" W × ¾" H
Input: 12-24V DC
Channels: 4
Output: 384 Watts max
   96W max per channel
        5A max per channel

- Hardwire*
- Receiver can be hidden
- May use more than one per location that can be synchronized with one another
- Requires DL-PS hardwire power supply

RADIO FREQUENCY ADVANCED WIRELESS HANDHELD OR WALL MOUNT CONTROLS

JESCO's Radio Frequency Wireless Controllers are paired wirelessly with the Receiver. The wireless Handheld Remote Controllers or Wireless Wall Mounted Controllers can be used within 100 feet of the Receiver.

- Handheld or wall-mounted controller options
- Wall mount controllers offer modern design with glass face plate
- Wireless pairing between Controller and Receiver
- Does not require line-of-sight

5 9

L +
N –

Input Power

LED Drivers

LC-RF-400-RCV Receiver

CW
WW
V+

24V DC Output
CTA Controlled Fixture

Power Connector Cable
(Hardwire to Hardwire)

**CTA Controller
May require batteries.
See specs for details.**
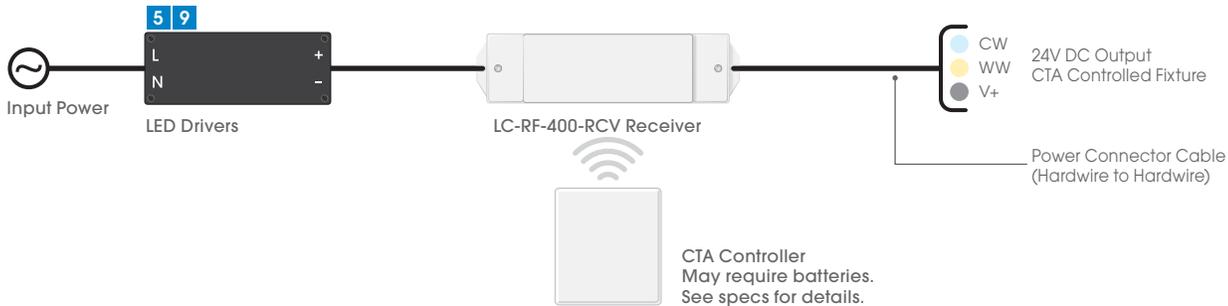
LED DRIVERS   page 24-25

- **5** **DL-PS-96/24-HWD**
- **9** **DL-PS-30/24-JB-OD-S**
  DL-PS-60/24-JB-OD-S
  DL-PS-96/24-JB-OD-S

CTA CONTROLLERS

LC-RF-400H-CTA
Remote Controller
Dims: 4 ¾" L × 2 ³⁄₁₆" W × ¹¹⁄₁₆" H
Operating Voltage: 3.6V DC (3 × AAA batteries)
Working Frequency: 434 MHz
Remote Distance: 100ft. max

- Touch wheel
- Includes wall mount remote holder
- 4 controllable zones
- Unlimited number of receivers per zone
- 3 savable scenes/colors per zone
- Brightness control
- Does not require line-of-sight
- Requires LC-RF-400-RCV

LC-RF-400W-CTA
Wall Mounted Controller
Dims: 4 ¾" L × 2 ¹⁵⁄₁₆" W
Operating Voltage: 3V DC (CR2025 battery)
Working Frequency: 434 MHz
Remote Distance: 100ft. max

- Fits standard single gang switch box
- Utilizes a battery for wireless installation
- Does not require line-of-sight
- Requires LC-RF-400-RCV

RF RECEIVER

LC-RF-400-RCV
Receiver / Interface
Dims: 7 ¹⁄₁₆" L × 1 ¹³⁄₁₆" W × ¾" H
Input: 12-24V DC
Channels: 4
Output: 384 Watts max
       96W max per channel
       5A max per channel

- Hardwire*
- Receiver can be hidden
- May use more than one per location that can be synchronized with one another
- Requires DL-PS hardwire power supply

The LC-PC-500 advanced DMX controller provides precise selection of colors and color transitions as well as brightness in multiple areas with easy multiple pre-set scenes

RADIO FREQUENCY ADVANCED WIRELESS HANDHELD OR WALL MOUNT CONTROLS

JESCO's Radio Frequency Wireless Controllers are paired wirelessly with the Receiver. The wireless Handheld Remote Controllers or Wireless Wall Mounted Controllers can be used within 100 feet of the Receiver.

- Handheld or wall-mounted controller options
- Wall mount controllers offer modern design with glass face plate
- Wireless pairing between Controller and Receiver
- Does not require line-of-sight

Input Power

LED Drivers

LC-RF-400-RCV Receiver

R
G
B
W
V+

24V DC Output
RGB Controlled Fixture

Power Connector Cable
(Hardwire to Hardwire)

RGB Controller
May require batteries or separate
power supply. See specs for details.

LED DRIVERS   page 24-25

5 **DL-PS-96/24-HWD**
9 **DL-PS-30/24-JB-OD-S**
   DL-PS-60/24-JB-OD-S
   DL-PS-96/24-JB-OD-S

RGB CONTROLLERS

LC-RF-400H-RGB
Remote Controller
Dims: 4 ¾" L × 2 ³⁄₁₆" W × ¹¹⁄₁₆" H
Operating Voltage: 3.6V DC (3 × AAA batteries)
Working Frequency: 434 MHz
Remote Distance: 100ft. max

- Touch wheel for RGB and RGBW control
- Includes wall mount remote holder
- 4 controllable zones
- Unlimited number of receivers per zone
- 3 savable scenes/colors per zone
- Brightness control
- 10 built-in color changing modes
- Does not require line-of-sight
- Requires LC-RF-400-RCV

LC-RF-410W-RGB
Wall Mounted Controller
Dims: 4 ¾" L × 2 ¹⁵⁄₁₆" W
Operating Voltage: 12-24V DC
Working Frequency: 434 MHz
Remote Distance: 100ft. max
Power Supply not included

- Touch wheel for RGB and RGBW control
- Allows for single zone color control with 3 savable colors
- Can also be used as a hardwired RGB Control
- Does not require line-of-sight
- Requires LC-RF-400-RCV

RF RECEIVER

LC-RF-400-RCV
Receiver / Interface
Dims: 7 ¹⁄₁₆" L × 1 ¹³⁄₁₆" W × ¾" H
Input: 12-24V DC
Channels: 4
Output: 384 Watts max
         96W max per channel
         5A max per channel

- Hardwire*
- Receiver can be hidden
- May use more than one per location that can be synchronized with one another
- Requires DL-PS hardwire power supply

COLOR CHANGING - RGB

BASIC RADIO FREQUENCY KIT

JESCO's Basic Radio Frequency Kit includes both the Handheld Remote and the Receiver which can be paired wirelessly. The wireless Handheld Remote controllers can be used within 30 feet of the Receiver.

- 15 pre-set color changing modes, on/off function, brightness and speed control - Space saving
- Does not require line-of-sight
- Includes both the Handheld Remote and the Receiver
- Cost-effective solution

Input Power

LED Driver

Receiver

Handheld Remote

R
G
B
V+

24V DC Output
RGB Controlled Fixture

Power Connector Cable
(Hardwire to Hardwire)
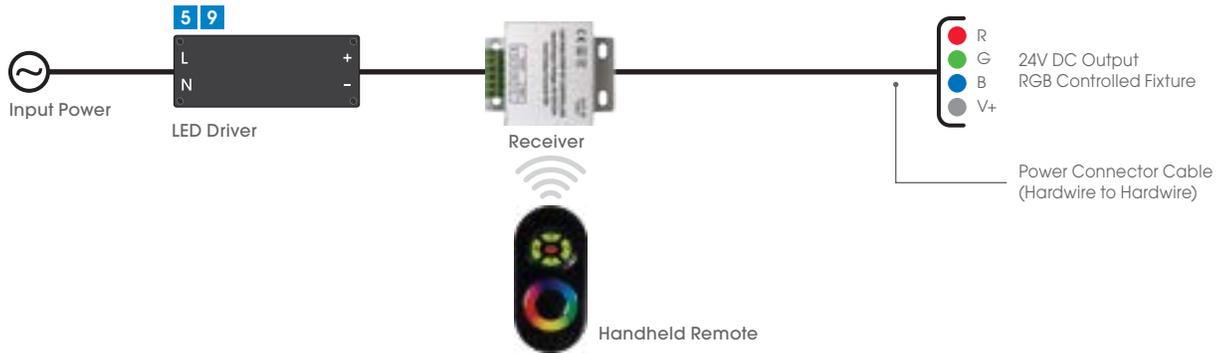
LED DRIVERS   page 24-25

5 **DL-PS-96/24-HWD**
9 **DL-PS-30/24-JB-OD-S**
       DL-PS-60/24-JB-OD-S
       DL-PS-96/24-JB-OD-S

RGB RECEIVER / REMOTE CONTROLLER KIT

LC-RF-300
Receiver Dims: 3 ¼" L × 2 ½" W × 1" H
Output: 432 Watts max
         6A per channel max
Remote Distance: 30' max

- Touch wheel RGB control on remote
- 15 pre-set color changing modes, on/off function, brightness and speed control
- Does not require line-of-sight
- Max one per location and cannot be synchronized with one another
- Remote receiver included
- Receiver requires DL-PS hardwire power supply*
- (2) AAA Batteries included for remote controller

BASIC INFRARED KIT

JESCO's Basic Infrared Kit includes both the Handheld Remote and the Receiver which can be paired wirelessly. The wireless Handheld Remote controllers can be used within 30 feet of the Receiver.

- Receiver must be visible to remote
- Includes both the controller and the interface
- Cost-effective solution

Input Power
LED Driver
Receiver
IR Sensor
Handheld Remote

R
G
B
V+
24V DC Output
RGB Controlled Fixture

Power Connector Cable
(Hardwire to Hardwire)
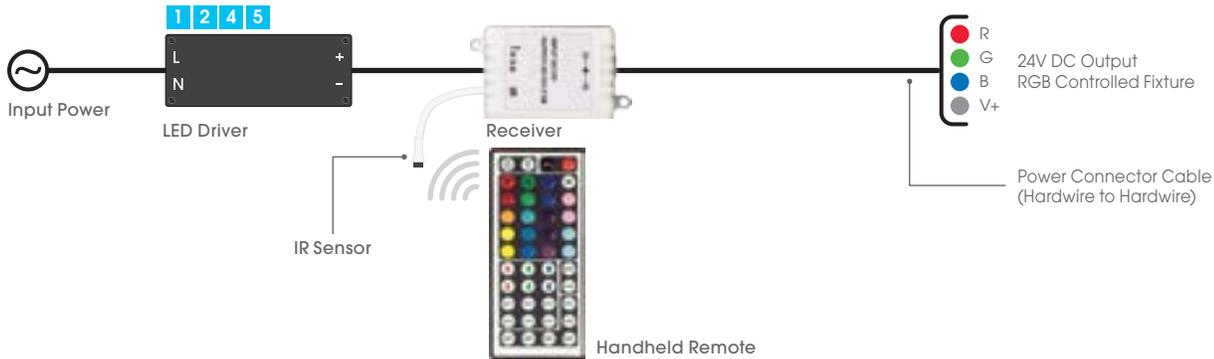
LED DRIVERS   page 24-25

1	**DL-PS-WP24/24**
2	**DL-PS-24/24**
	DL-PS-48/24
	DL-PS-60/24
4	**DL-PS-60/24-CL2**
	DL-PS-90/24-CL2
5	**DL-PS-100/24-CL2**

RGB INFRARED RECEIVER / REMOTE CONTROLLER KIT

LC-IR-300
Receiver Dims: 2 ½" L × 1 ⅜" W × ⅞" H
Output: 144 Watts max
          2A per channel max
Remote Distance: 30' max

- Receiver must be visible to remote - requires line of sight to function
- Multiple controllers possible per location
- 44 key remote control with multiple modes and programming
- 6 user-defined buttons for savable colors
- Terminal block included
- Max one per location and cannot be synchronized with one another
- Remote receiver included
- Receiver requires DL-PS plug & play power supply*
- CR2025 Battery included for remote controller

COLOR CHANGING - RGBW

RADIO FREQUENCY ADVANCED WIRELESS HANDHELD OR WALL MOUNT CONTROLS

JESCO's Radio Frequency Wireless Controllers are paired wirelessly with the Receiver. The wireless Handheld Remote controllers or Wireless Wall Mounted Controllers can be used within 100 feet of the Receiver.

- Handheld or wall-mounted controller options
- Wall Mount Controllers offer modern design with glass face plate
- Wireless pairing between Controller and Receiver
- Does not require line-of-sight

5 9

Input Power

LED Drivers

LC-RF-400-RCV Receiver

L   +
N   –

R
G
B
W
V+

24V DC Output
RGB Controlled Fixture

Power Connector Cable
(Hardwire to Hardwire)

RGB Controller
May require batteries or separate
power supply. See specs for details.

LED DRIVERS   page 24-25

5 DL-PS-96/24-HWD
9 DL-PS-30/24-JB-OD-S
   DL-PS-60/24-JB-OD-S
   DL-PS-96/24-JB-OD-S

RGB CONTROLLERS

LC-RF-400H-RGB
Remote Controller
Dims: 4 ¾" L × 2 ³⁄₁₆" W × ¹¹⁄₁₆" H
Operating Voltage: 3.6V DC (3 × AAA batteries)
Working Frequency: 434 MHz
Remote Distance: 100ft. max

- Touch wheel for RGB and RGBW control
- Includes wall mount remote holder
- 4 controllable zones
- Unlimited number of receivers per zone
- 3 savable scenes/colors per zone
- Brightness control
- 10 built-in color changing modes
- Does not require line-of-sight
- Requires LC-RF-400-RCV

LC-RF-410W-RGB
Wall Mounted Controller
Dims: 4 ¾" L × 2 ¹⁵⁄₁₆" W
Operating Voltage: 12-24V DC
Working Frequency: 434 MHz
Remote Distance: 100ft. max
Power Supply not included

- Touch wheel for RGB and RGBW control
- Allows for single zone color control with 3 savable colors
- Can also be used as a hardwired RGB Control
- Does not require line-of-sight
- Requires LC-RF-400-RCV

RF RECEIVER

LC-RF-400-RCV
Receiver / Interface
Dims: 7 ¹⁄₁₆" L × 1 ¹³⁄₁₆" W × ¾" H
Input: 12-24V DC
Channels: 4
Output: 384 Watts max
      96W max per channel
      5A max per channel

- Hardwire*
- Receiver can be hidden
- May use more than one per location that can be synchronized with one another
- Requires DL-PS hardwire power supply

BASIC RADIO FREQUENCY KIT

JESCO's Basic Radio Frequency Kit includes both the Handheld Remote and the Receiver which can be paired wirelessly. The wireless Handheld Remote can be used within 98.4 feet of the Receiver.

- Does not require line-of-sight
- Includes both the Handheld Remote and the Receiver
- Touch wheel control
- Brightness control and pre-set color changing modes
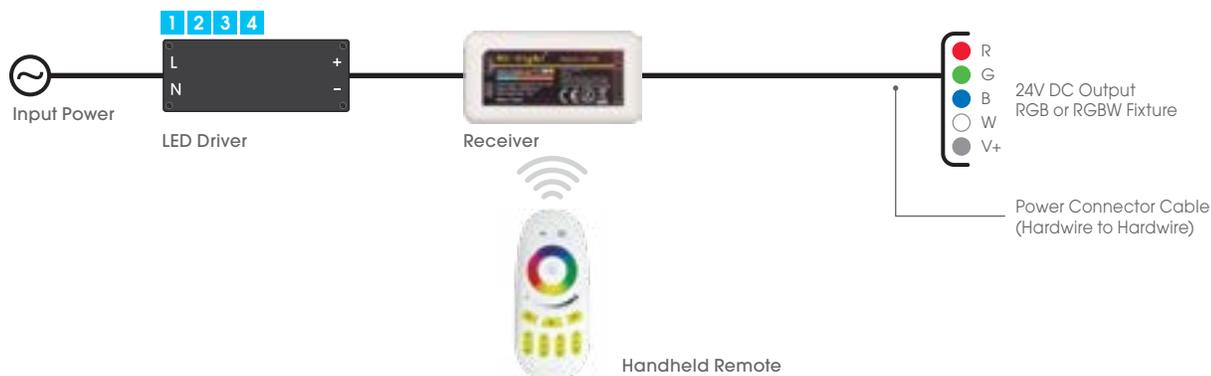
Input Power

1 2 3 4
L   +
N   –

LED Driver

Receiver

Handheld Remote

R
G
B
W
V+

24V DC Output
RGB or RGBW Fixture

Power Connector Cable
(Hardwire to Hardwire)

LED DRIVERS   page 24-25

1   DL-PS-WP24/24
2   DL-PS-24/24
     DL-PS-48/24
     DL-PS-60/24
3   DL-PS-60/24-CL2
     DL-PS-90/24-CL2
4   DL-PS-100/24-CL2

RGBW RECEIVER / REMOTE CONTROLLER KIT

LC-RF-450
Receiver Dims: 3 $\frac{5}{16}$" L × 1 $\frac{3}{4}$" W × $\frac{7}{8}$" H
Input: 12-24V DC
Working Frequency: 2.4 GHz
Max Output: 240 Watts max
           144W max per channel
           6A max per channel
           10A max total
Remote Distance: 98.4' max

- Touch wheel control
- 4 controllable zones
- Unlimited number of receivers per zone
- Pre-set color changing modes
- Brightness control
- Does not require line-of-sight
- Max one per location and cannot be synchronized with one another
- Remote receiver included
- Receiver requires DL-PS plug & play power supply

COLOR CHANGING - RGBWW

ADVANCED WALL MOUNT CONTROLS

JESCO's advanced wall mount RGBWW controller offers a
modern aesthetic with glass face plate and touch controls.

Input Power

5 **9**

L +
N −

LED Driver

Interface

Input Power

L +
N −

DL-PS-12/24

Wall Mounted Controller

R
G
B
CW
WW
V+

24V DC Output
RGB, RGBW or RGBWW
Controlled Fixture

Power Connector Cable
(Hardwire to Hardwire)
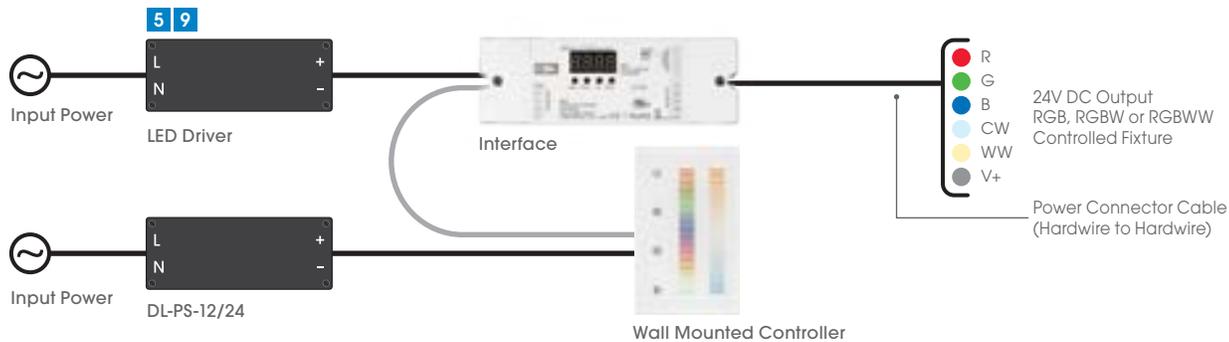
LED DRIVERS page 24-25

5 **DL-PS-96/24-HWD**
9 **DL-PS-30/24-JB-OD-S**
    DL-PS-60/24-JB-OD-S
    DL-PS-96/24-JB-OD-S

RGBWW CONTROLLER

LC-RF-510W-RGBWW
Wall Mounted Controller
Dims: 4 ¹¹⁄₁₆" L × 2 ¹⁵⁄₁₆" W
Operating Voltage: 12-24V DC
Working Frequency: 916.5 MHz
Remote Distance: 100ft. max

- Touch pad control
- 1 controllable zone
- Unlimited number of receivers
- Brightness control
- Can also be used as a hardwired
  RGBWW Control
- 10 built-in RGB effects
- External power supply required,
  not included
- Requires LC-RF-400-RCV or LC-
  200-INT, LC-300-INT or LC-500-INT
- Also works as controller for CTA,
  RGB and RGBW
- Controller can be RF controlled for
  use with RGB and RGBW.
  See specification sheet

RGBWW INTERFACE

LC-500-INT
Receiver / Interface
Dims: 6 ¹¹⁄₁₆" L × 2 ⁵⁄₁₆" W ×1 ⅛" H
Input: 12-24V DC
Channels: 5
Output: 960 Watts max
        60W-180W per channel
        5A max per channel

- Hardwire*
- Works with LC-RF-510W-RGBWW
- Receiver can be hidden
- Requires DL-PS hardwire power
  supply
- Also works with RGB, RGBW
  and CTA

BASIC RADIO FREQUENCY KIT

JESCO's Basic Radio Frequency Kit includes both the Handheld Remote and the Receiver which can be paired wirelessly. The wireless Handheld Remote can be used within 98.4 feet of the Receiver.

- Does not require line-of-sight
- Touch wheel control

Input Power

1 2 3 4

L   +
N   −

LED Driver

Receiver

Handheld Remote

R
G
B
CW
WW
V+

24V DC Output
RGB, RGBW or RGBWW Fixture

Power Connector Cable
(Hardwire to Hardwire)

LED DRIVERS   page 24-25

RGBWW RECEIVER / REMOTE CONTROLLER KIT

LC-RF-RGBWW
Receiver Dims: 3 ¹¹/₃₂" L × 1 ¾" W × ⅞" H
Input: 12-24V DC
Working Frequency: 2.4 GHz
Max Output: 240 Watts max
          144W max per channel
          6A max per channel
          10A max total
Remote Distance: 98.4' max

- Touch wheel control
- 4 controllable zones
- Unlimited number of receivers per zone
- Pre-set color changing modes
- Brightness control
- Does not require line-of-sight
- Max one per location and cannot be synchronized with one another
- Remote receiver included
- Receiver requires DL-PS plug & play power supply
- Also works as controller for RGB and RGBW

DMX CONTROL
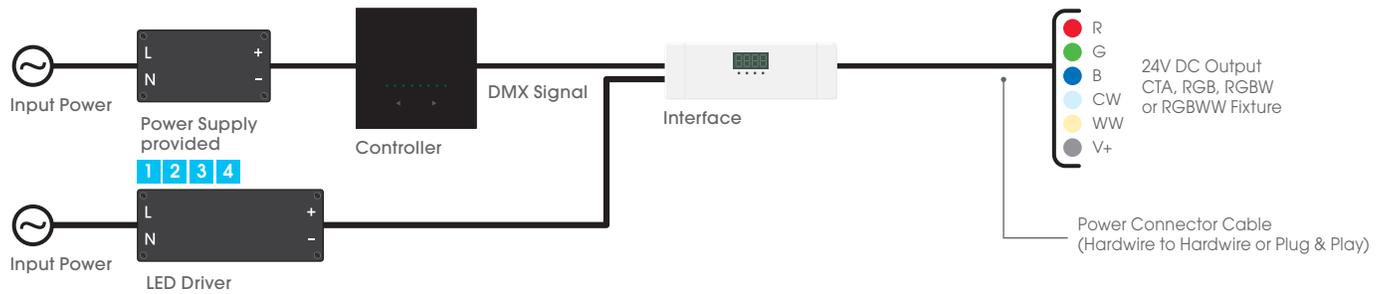
Input Power

Power Supply provided

1 2 3 4

LED Driver

Input Power

Controller

DMX Signal

Interface

Power Connector Cable
(Hardwire to Hardwire or Plug & Play)

R
G
B
CW
WW
V+

24V DC Output
CTA, RGB, RGBW
or RGBWW Fixture

LED DRIVERS page 24-25

1	**DL-PS-WP24/24**
2	**DL-PS-24/24**
	DL-PS-48/24
	DL-PS-60/24
3	**DL-PS-60/24-CL2**
	DL-PS-90/24-CL2
4	**DL-PS-100/24-CL2**

DMX INTERFACE

LC-200-INT
3 Channel DMX Interface
Dims: 7" L × 1 ½" W × 1 ⅛" H
Input: 12V / 24V DC
Channels: 3
Max Current: 5A per channel
180W @ 12V DC
360W @ 24V DC

• Assigns a DMX address to RGB or CTA LED flexible light sources
• Requires a DMX controller
• RJ45 connector for DMX input
• 170 unique DMX addresses
• 512 channels
• Requires additional DL-PS hardwire power supply*

LC-300-INT
3 or 4 Channel DMX Interface
Dims: 6 ½" L × 2 ²⁵⁄₆₄" W × 1 ⁹⁄₃₂" H
Input: 12V-36V DC
Channels: 3 or 4
Max Load: 96W-288W per channel
Max Current: 8A per channel

• Assigns DMX address to CTA, RGB, and RGBW flexible light sources strips
• RJ45 connector for DMX input
• Requires a DMX controller
• Requires additional DL-PS hardwire power supply*

LC-500-INT
3/4/5 Channel DMX Interface
Dims: 6 ¹¹⁄₁₆" L × 2 ⁵⁄₁₆" W ×1 ⅛" H
Input: 12-24V DC
Channels: 5
Output: 960 Watts max
60W-180W per channel
5A max per channel

• Assigns DMX address to CTA, RGB, RGBW and RGBWW flexible light sources strips
• Requires a DMX controller
• Requires additional DL-PS hardwire power supply*

REPEATER

LC-200-RPT
Dims: 6 ½" L × 1 ½' W × 1" H
Input: 12V / 24V DC
Channels: 3

• For extending runs in dimming and color changing applications
• Requires additional DL-PS hardwire power supply* (Size power supply according to connected load)
• Requires signal from LC-200-INT or Dimming Interface

DMX CONTROLLERS

LC-PC-100
In-Line Controller
Dims: 2 ¾" L × 3 ⅜" W × 1 ½" H
Input: 12V / 24V DC
Consult factory for required programming.

• Simple desktop DMX controller pre-programmed for basic functionality
• Simple on-board 2 button interface for scene selection
• Best for single RGB lighting systems
• Architectural lighting control programmed via software installed in a computer
• 16 million colors to program
• User can create their own scenes, color changes, fades via computer

LC-PC-400
Wall Mounted Controller
Dims: 3 ⅜" L × 3 ⅜" W × ⁷⁄₁₆" H
Input: 12V / 24V DC
Consult factory for required programming.

• Simple wall mount DMX controller with touch sensitive glass faceplate
• Touchscreen features 3 modes: color selection, scene selection and dimmer mode
• Best for single RGB lighting systems
• Architectural lighting control programmed via software installed in a computer
• 16 million colors to program
• User can create their own scenes, color changes, fades via computer


LC-PC-500
Wall Mounted Controller
Dims: 6 ⅝" L × 5" W × ½" H
Input: 7V DC power supply included
Consult factory for required programming.

• Advanced wall mount DMX controller with touch sensitive glass faceplate
• 5 different lighting systems may be controlled simultaneously
• Features Ethernet network ability to allow control with Apple IOS or Google Android devices
• Architectural lighting control via software installed in a computer
• 16 million colors to program
• User can create their own scenes, color changes, fades via computer
• Can control multiple lighting systems independently

DMX CONTROL WITH MOBILE APP

Input Power

Power Supply provided

5 **9**

LED Driver

Input Power

LC-PC-500

DMX Signal

Interface

iOS and Android device by others

Note: a direct wired connection from the controller to the router is also necessary for phone control.

R
G
B
CW
WW
V+

24V DC Output
CTA, RGB, RGBW
or RGBWW Fixture

Power Connector Cable
(Hardwire to Hardwire or Plug & Play)
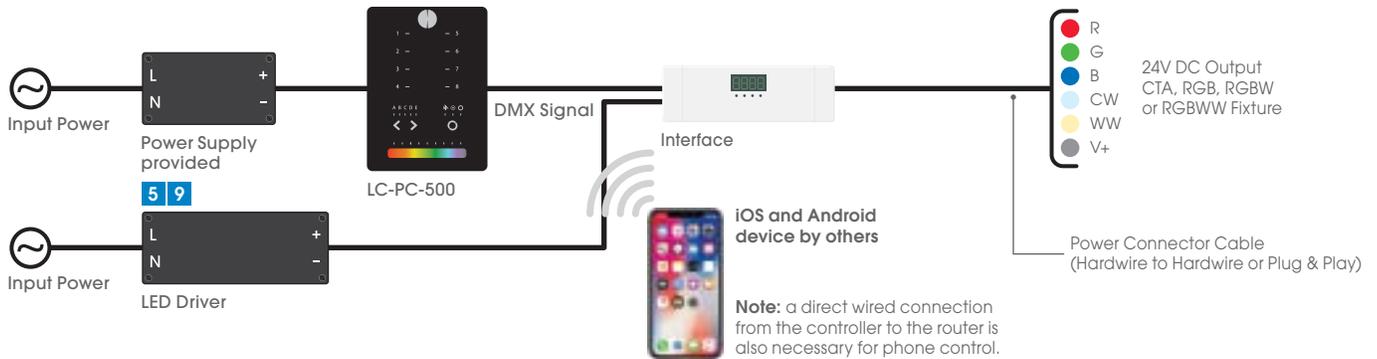
LED DRIVERS page 24-25

5 **DL-PS-96/24-HWD**
9 **DL-PS-30/24-JB-OD-S**
   DL-PS-60/24-JB-OD-S
   DL-PS-96/24-JB-OD-S

DMX INTERFACE

LC-200-INT
3 Channel DMX Interface
Dims: 7" L × 1 ½" W × 1 ⅛" H
Input: 12V / 24V DC
Channels: 3
Max Current: 5A per channel
         180W @ 12V DC
         360W @ 24V DC

- Assigns a DMX address to RGB or CTA LED flexible light sources
- Requires a DMX controller
- RJ45 connector for DMX input
- 170 unique DMX addresses
- 512 channels
- Requires additional DL-PS hardwire power supply*

LC-300-INT
3 or 4 Channel DMX Interface
Dims: 6 ½" L × 2 ²⁵⁄₆₄" W × 1 ⁹⁄₃₂" H
Input: 12V-36V DC
Channels: 3 or 4
Max Load: 96W-288W per channel
Max Current: 8A per channel

- Assigns DMX address to CTA, RGB, and RGBW flexible light sources strips
- RJ45 connector for DMX input
- Requires a DMX controller
- Requires additional DL-PS hardwire power supply*

LC-500-INT
3/4/5 Channel DMX Interface
Dims: 6 ¹¹⁄₁₆" L × 2 ⁵⁄₁₆" W ×1 ⅛" H
Input: 12-24V DC
Channels: 5
Output: 960 Watts max
      60W-180W per channel
      5A max per channel

- Assigns DMX address to CTA, RGB, RGBW and RGBWW flexible light sources strips
- Requires a DMX controller
- Requires additional DL-PS hardwire power supply*

REPEATER

LC-200-RPT
Dims: 6 ½" L × 1 ½' W × 1" H
Input: 12V / 24V DC
Channels: 3

- For extending runs in dimming and color changing applications
- Requires additional DL-PS hardwire power supply* (Size power supply according to connected load)
- Requires signal from LC-200-INT or Dimming Interface

DMX CONTROLLERS

LC-PC-500
Wall Mounted Controller
Dims: 6 ⅝" L × 5" W × ½" H
Input: 7V DC power supply included
Consult factory for required programming.

- Advanced wall mount DMX controller with touch sensitive glass faceplate
- 5 different lighting systems may be controlled simultaneously
- Features Ethernet network ability to allow control with Apple IOS or Google Android devices
- Architectural lighting control via software installed in a computer
- 16 million colors to program
- User can create their own scenes, color changes, fades via computer
- Can control multiple lighting systems independently

The FRYE Company Store, Charlotte NC
CBF Commercial Bespoke Slim 6W LED Fixture
Millwork: JPMA, Montreal

LINE VOLTAGE BASIC HANDHELD CONTROL
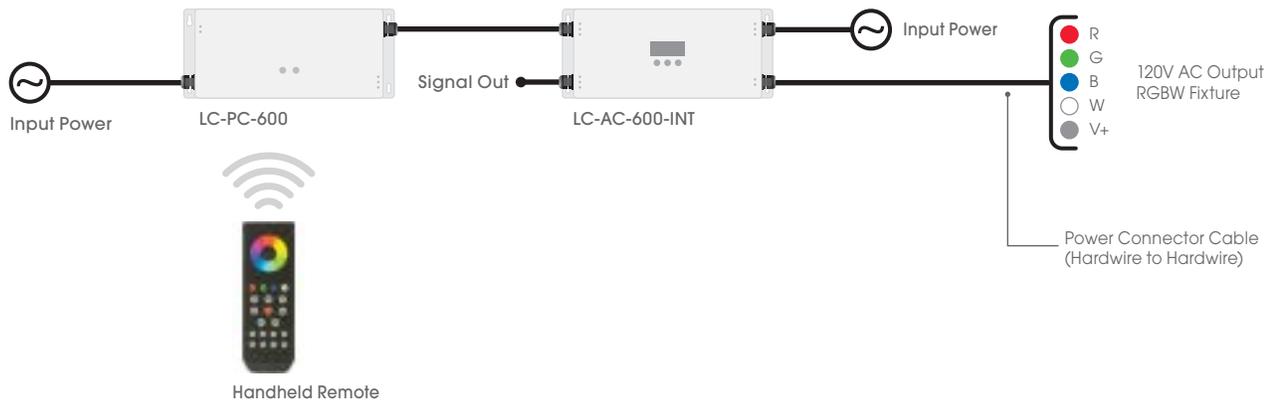
Input Power

LC-PC-600

Signal Out

LC-AC-600-INT

Input Power

R
G
B
W
V+

120V AC Output
RGBW Fixture

Power Connector Cable
(Hardwire to Hardwire)

Handheld Remote

DMX INTERFACE

LC-AC-600-INT
Line Voltage DMX512 Interface
Dims: 7 ⅛" L × 2 ⅞" W × 1 ½" H
Power Input: 120V AC
Power Output: 4 × 1.5 Amp / 180W
(Total 6 Amp 720Watt)
Signal Input: DMX512
Signal Output: DMX512
Channels: 4
Max Load: 660W @110V
1320W @220V

- Commander and replication (decoder) mode-switchable
- Built-in, 10 preset programming
- Manual on-board control for program selection, speed, brightness & color

DMX CONTROLLERS

LC-RF-600H-RGBW
Handheld Radio Frequency RGBW Controller
with 8 Zones
Dims: 5" L × 1 ¾" W × ¾" H
Power: 4.5V (3 x AAA battery)
Operation Frequency: 869.5 / 916.5 /

Touch enabled color wheel for quick color adjustment
- Individual R,G,B,W channel light intensity calibration
- One touch white color mixing with RGB for WW, NW and CW
- 8 zone control; control up to 8 DMX controllers / RF receivers
- Built-in 10 dynamic color fading options

LC-PC-600
Line Voltage Universal WIFI and RF DMX512 Controller
Dims: 7 ⅛" L 2 ⅞" W 1 ½" H
Power Input: 120-240V AC
Wireless Signal Input:
WiFi via smartphone app or RF remote controller
Signal Output: DMX512
Working Frequency: 434 / 869.5 / 916.5 MHz
Channels: 4 Channels Control RGBW
Environment: Indoor/ Outdoor – Wet

- Smartphone app control via WiFi
- Remote controller via radio frequency
- Room assignments with compatible interfaces
- Universal DMX512 protocols output
- Supports both line voltage and low voltage interfaces
- Supports JESCO Wall Washers

LINE VOLTAGE DMX CONTROLS

LINE VOLTAGE DMX WITH MOBILE APP
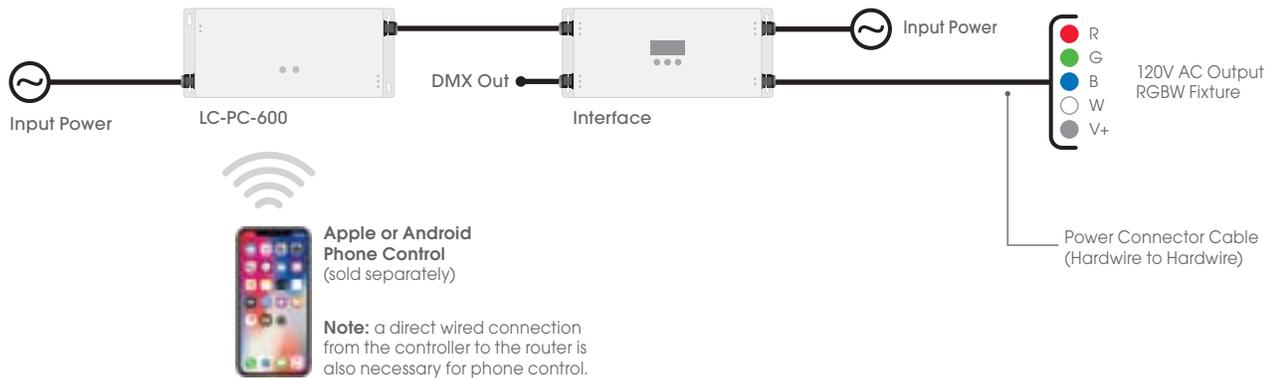
Input Power

LC-PC-600

DMX Out

Interface

Input Power

R
G
B
W
V+

120V AC Output
RGBW Fixture

Apple or Android Phone Control (sold separately)

Note: a direct wired connection from the controller to the router is also necessary for phone control.

Power Connector Cable (Hardwire to Hardwire)

DMX INTERFACE

LC-AC-600-INT
Line Voltage DMX512 Interface
Dims: 7 ⅛" L × 2 ⅞" W × 1 ½" H
Power Input: 120V AC
Power Output: 4 × 1.5 Amp / 180W
(Total 6 Amp 720Watt)
Signal Input: DMX512
Signal Output: DMX512
Channels: 4
Max Load: 660W @110V
1320W @220V

• Commander and replication (decoder) mode-switchable
• Built-in, 10 preset programming
• Manual on-board control for program selection, speed, brightness & color

DMX CONTROLLERS

LC-PC600
Line Voltage Universal WIFI and RF DMX512 Controller
Dims: 7 ⅛" L 2 ⅞" W 1 ½" H
Power Input: 120-240V AC
Wireless Signal Input:
WiFi via smartphone app
or RF remote controller
Signal Output: DMX512
Working Frequency: 434 / 869.5 / 916.5 MHz
Channels: 4 Channels Control RGBW
Environment: Indoor/ Outdoor – Wet

• Smartphone app control via WiFi
• Remote controller via radio frequency
• Room assignments with compatible interfaces
• Universal DMX512 protocols output
• Supports both line voltage and low voltage interfaces
• Supports JESCO Wall Washers

LINE VOLTAGE DMX WITH WALL MOUNTED CONTROL
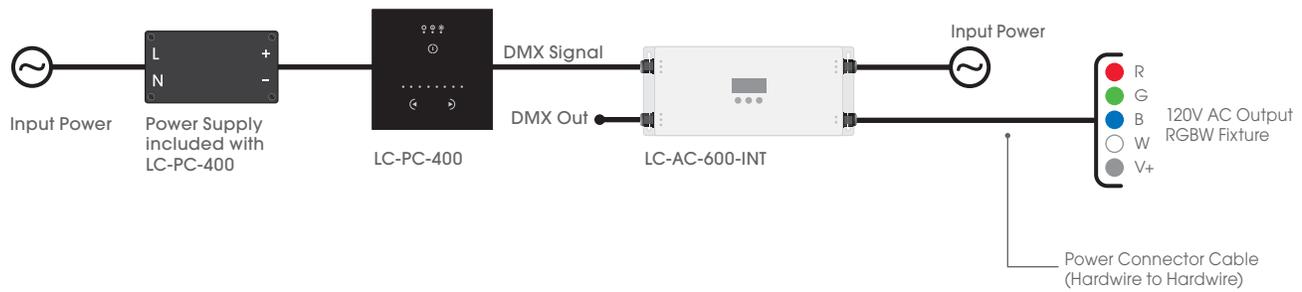
Input Power

Power Supply included with LC-PC-400

LC-PC-400

DMX Signal

DMX Out

LC-AC-600-INT

Input Power

R
G
B
W
V+

120V AC Output RGBW Fixture

Power Connector Cable (Hardwire to Hardwire)

DMX INTERFACE

LC-AC-600-INT
Line Voltage DMX512 Interface
Dims: 7 ⅛" L × 2 ⅞" W × 1 ½" H
Power Input: 120V AC
Power Output: 4 × 1.5 Amp / 180W
          (Total 6 Amp 720Watt)
Signal Input: DMX512
Signal Output: DMX512
Channels: 4
Max Load: 660W @110V
          1320W @220V

• Commander and replication (decoder) mode-switchable
• Built-in, 10 preset programming
• Manual on-board control for program selection, speed, brightness & color

DMX CONTROLLER

LC-PC-400
Wall Mounted Controller
Dims: 3 ⅜" L × 3 ⅜" W × ⁷⁄₁₆" H
Input: 12V / 24V DC
Power Supply included
Consult factory for required programming.

• Simple wall mount DMX controller with touch sensitive glass faceplate
• Touchscreen features 3 modes: color selection, scene selection and dimmer mode
• Best for single RGB lighting systems
• Architectural lighting control programmed via software installed in a computer
• 16 million colors to program
• User can create their own scenes, color changes, fades via computer

LINE VOLTAGE DMX WALL MOUNTED CONTROL WITH OPTIONAL MOBILE APP

Input Power | Power Supply included with LC-PC-500

LC-PC-500

DMX Signal

DMX Out

LC-AC-600-INT

Input Power

120V AC Output RGBW Fixture

R
G
B
W
V+

Power Connector Cable (Hardwire to Hardwire)

iOS and Android device by others

Note: a direct wired connection from the controller to the router is also necessary for phone control.

Computer App

Wireless Router

DMX INTERFACE

LC-AC-600-INT
Line Voltage DMX512 Interface
Dims: 7 ⅛" L × 2 ⅞" W × 1 ½" H
Power Input: 120V AC
Power Output: 4 × 1.5 Amp / 180W
(Total 6 Amp 720Watt)
Signal Input: DMX512
Signal Output: DMX512
Channels: 4
Max Load: 660W @110V
1320W @220V

• Commander and replication (decoder) mode-switchable
• Built-in, 10 preset programming
• Manual on-board control for program selection, speed, brightness & color

DMX CONTROLLER

LC-PC-500
Wall Mounted Controller
Dims: 6 ⅝" L × 5" W × ½" H
Input: 7V DC power supply included
Consult factory for required programming.

• Advanced wall mount DMX controller with touch sensitive glass faceplate
• 5 different lighting systems may be controlled simultaneously
• Features Ethernet network ability to allow control with Apple IOS or Google Android devices
• Architectural lighting control via software installed in a computer
• 16 million colors to program
• User can create their own scenes, color changes, fades via computer
• Can control multiple lighting systems independently

CITY THEATRICAL REMOTE DMX

JESCO LIGHTING is an authorized distributor of City Theatrical interfaces that allow for remote control with wall mounted DMX control panels as well as a suite of mobile phone applications. Contact us for more information.

24V POWER SUPPLIES

24V DC PLUG & PLAY ELECTRONIC LED POWER SUPPLIES

Model	Rated Wattage	Dimensions	Input Voltage	Output Voltage	Dimming	Indoor - DRY	UL Listed	LPS	Class 2
1 **DL-PS-WP24/24**	24W	3 ¼" L × 1 ¾" W × 1 ¼" H	120V AC	24V DC	0-10V [1]	●	●	●	
2 **DL-PS-24/24**	24W	3 ½" L × 1 ½" W × 1" H	100-240V AC	24V DC	0-10V [1]	●	●	●	
DL-PS-48/24	48W	4 ⅜" L × 2" W × 1 ½" H	100-240V AC	24V DC	0-10V [1]	●	●	●	
DL-PS-60/24	60W	4 ⅜" L × 2" W × 1 ½" H	100-240V AC	24V DC	0-10V [1]	●	●	●	
3 **DL-PS-60/24-CL2**	60W	5 ⅛" L × 2 ⅛" W × 1 ⅜" H	90 ~ 264V AC	24V DC	0-10V [1]	●	●		●
DL-PS-90/24-CL2	90W	6 ¾" L × 2 ½" W × 1 ⅕" H	90 ~ 264V AC	24V DC	0-10V [1]	●	●		●
4 **DL-PS-100/24-CL2**	96W	7 ⅞" L × 2 ¾" W × 1 ⅜" H	100-120V AC	24V DC	0-10V [1]	●	●		●

24V DC HARDWIRE ELECTRONIC LED POWER SUPPLIES

Model	Rated Wattage	Dimensions	Input Voltage	Output Voltage	Dimming	Indoor - DRY	Indoor - DAMP	UL Listed	UL Recognized	Class 2	Class P
5 **DL-PS-96/24-HWD**	96W	9 ½" L × 1 ¹¹⁄₁₆" W × 1" H	120-277V AC	24V DC		●	●	●		●	●
6 **DL-PS-100/24-TB**	96W	8" L × 2 ⅞" W × 1 ½" H	100-240V AC	24V DC		●			●	●	

[1] May be dimmed with LC-DIM5A
See Specs for more details. Specifications are subject to change without notice

24V DC HARDWIRE ELECTRONIC LED POWER SUPPLIES IN JUNCTION BOX ENCLOSURE*

	Model	Rated Wattage	Dimensions	Input Voltage	Output Voltage	Dimming	Indoor - DRY	Outdoor - WET	UL Listed	ETL Listed	Class 2	Class P
9	DL-PS-30/24-JB-OD-S	30W	6 ¾" L × 3 ¾" W × 1 ¾" H	100-277V AC	24V DC		•	•	•		•	•
	DL-PS-60/24-JB-OD-S	60W	7 ⅝" L × 3 ¾" W × 1 ¾" H	100-277V AC	24V DC		•	•	•		•	•
	DL-PS-96/24-JB-OD-S	96W	8 ⅞" L × 3 ¾" W × 1 ¾" H	100-277V AC	24V DC		•	•	•		•	•
10	DL-PS-40/24-JB-DIM-A	40W	7" L × 2 ¾" W × 1 ⅜" H	120-277V AC	24V DC	TRIAC ELV	•			•	•	
	DL-PS-60/24-JB-DIM-A	60W	7" L × 2 ¾" W × 1 ⅜" H	120-277V AC	24V DC	TRIAC ELV	•			•	•	
	DL-PS-96/24-JB-DIM-A	96W	7" L × 2 ¾" W × 1 ⅜" H	120-277V AC	24V DC	TRIAC ELV	•			•	•	
11	DL-PS-60/24-JB-OD-DIM	60W	11 ⁷⁄₁₆" L × 2 ⅜" W × 1 ⁷⁄₁₆" H	120V AC	24V DC	0-10V	•	•	•		•	
	DL-PS-96/24-JB-OD-DIM	96W	11 ⁷⁄₁₆" L × 2 ⅜" W × 1 ⁷⁄₁₆" H	120V AC	24V DC	0-10V	•	•	•		•	
12	DL-PS-80/24-JB-OD	80W	13 ½" L × 2 ⅞" W × 1 ½" H	110-277V AC [2]	24V DC		•	•	•		•	
15	DL-PS-30/24-JB-OD-UNI-DIM	30W	6 ¾" L × 3 ¾" W × 1 ¾" H	100-277V AC	24V DC	TRIAC, ELV, 0-10V	•	•	•		•	
	DL-PS-60/24-JB-OD-UNI-DIM	60W	7 ⅝" L × 3 ¾" W × 1 ¾" H	100-277V AC	24V DC	TRIAC, ELV, 0-10V	•	•	•		•	
	DL-PS-96/24-JB-OD-UNI-DIM	96W	8 ⅞" L × 3 ¾" W × 1 ¾" H	100-277V AC	24V DC	TRIAC, ELV, 0-10V	•	•	•		•	
	DL-PS-96x2/24-JB-OD-UNI-DIM	192W	11 ⅞" L × 4 ⅛" W × 1 ¾" H	100-277V AC	24V DC	TRIAC, ELV, 0-10V	•	•	•		•	
	DL-PS-96x3/24-JB-OD-UNI-DIM	288W	12 ⅞" L × 4 ⅛" W × 1 ¾" H	100-277V AC	24V DC	TRIAC, ELV, 0-10V	•	•	•		•	
	DL-PS-96x4/24-JB-OD-UNI-DIM	384W	12 ⅞"L × 5 ¼"W × 1 ⅞"H	100-277V AC	24V DC	TRIAC, ELV, 0-10V	•	•	•		•	

24V DC HARDWIRE LUTRON™ LED POWER SUPPLIES

	Model	Rated Wattage	Dimensions	Input Voltage	Output Voltage	Dimming	Indoor - DRY	UL Listed	Class 2
13	DL-PS-L3DAE	40W	4 ¾" L × 4" W × 1 ½" H	120-277V AC	24V DC	Lutron EcoSystem	•	•	•
	DL-PS-L3DA3W	40W	4 ¾" L × 4" W × 1 ½" H	120-277V AC	24V DC	Lutron 3-Wire	•	•	•
	DL-PS-LTEA2W	40W	4 ¾" L × 4" W × 1 ½" H	120V AC	24V DC	Lutron 2-Wire	•	•	•
14	DL-PS-L3D0E	96W	10 ½" L × 5 ½" W × 1 ⅞" H	120-277V AC	24V DC	Lutron EcoSystem	•	•	•
	DL-PS-L3D03W	96W	10 ½" L × 5 ½" W × 1 ⅞" H	120-277V AC	24V DC	Lutron 3-Wire	•	•	•

[2] For 277V AC input consult factory for details
See Specs for more details. Specifications are subject to change without notice

PLUG & PLAY POWER SUPPLY ACCESSORIES

Model	Description
DL-PS-2Y	2-Way Split Power Feed Connects multiple home runs to a single power supply. May be used with other spliters. Feed: 7 ½" L Connector Runs: 10 ¾" L
DL-PS-3Y	3-Way Split Power Feed Connects multiple home runs to a single power supply. May be used with other spliters. Feed: 11 ¼" L Connector Runs: 12 ¼" L
DL-PS-PT-M	4" Male 2-Wire Input Power Connector For connecting plug-and-play supplies to hard-wire equipment or lighting controllers.
DL-PS-PT-F	12" Female 2-Wire Output Power Connector For connecting plug-and-play supplies to hard-wire equipment or lighting controllers.
DL-PS-EXT48 DL-PS-EXT48-WH	48" LED Driver Extension Cable - Black 48" LED Driver Extension Cable - White
DL-PS-EXT96 DL-PS-EXT96-WH	96" LED Driver Extension Cable - Black 96" LED Driver Extension Cable - White
DB-CV-DC/AMP3	3-Port Distribution Block (Black) Connects up to (3) Fixtures to Plug & Play Power Supply.
DB-CV-DC/AMP6	6-Port Distribution Block (Black) Connects up to (6) Fixtures to Plug & Play Power Supply.
DB-CV-DC/PG-12	12-Port distribution-block for Type G connector 12-24VDC Max. Wattage (total): 72W Max. Wattage (per channel): 72W 6" wire with Barrel connector. 3 ⅛" L × 1 ⁵⁄₁₆" W × ¹¹⁄₁₆" H
DB-CV-DC/PG-6	6-Port distribution-block for Type G connector 12-24VDC
DB-CV-DC/PG-1	Adapter to convert Type G connector to Barrel connector 20AWG 6" wire

HARDWIRE POWER SUPPLY ACCESSORIES

Model	Description
DB-OD-HW-T	Distribution Block Outdoor "T" (Black) IP67 20 Amp Max (6.5 -10mm)
DB-OD-HW-I	Distribution Block Outdoor "I" (Black) IP67 20 Amp Max (4 -8.2mm)
DL-JOINT	Waterproof Wire Connector Functions the same way as a Wire Nut
LDEC-BM	Metal Junction Box For use with LDEC-TB 2 ⅛" L × 1 ½" W × 1 ⅜" H
DB-CV-HW/AMP3	3-Port Distribution Block (Black) Connects up to (3) Fixtures to Hardwire Power Supply.
DB-CV-HW/AMP6	6-Port Distribution Block (Black) Connects up to (6) Fixtures to Hardwire Power Supply.

CONSTANT CURRENT POWER SUPPLIES

Model	Rated Wattage	Dimensions	Input Voltage	Output	Min Load	Indoor - DRY	UL Listed	UL Recognized	Class 2
PS-CC-350/8-WP	8W	3 ⅜" L × 1 ¾" W × 1" H	120V AC	350mA	1W	●	●		●
PS-CC-350/12-WP	12W	3" L × 1 ½" W × 1 ¼" H	120V AC	350mA	3W	●	●		●
PS-CC-350/12-HW-M	12W	3" L × 1 ⁹⁄₁₆" W × 1 ⅛" H	100-240V AC	350mA	3W	●		●	
PS-CC-350/16-HW-M	16W	3" L × 1 ⁹⁄₁₆" W × 1 ⅛" H	100-240V AC	350mA	4W	●		●	

CONSTANT CURRENT ACCESSORIES

Model	Description
DB-CC-PB-JP	Constant Current Jumper- Must be plugged into unused slots in distribution block to complete circuit ⅝" L × ⅛" W × ¼" H
DB-CC-R-PB/PB-6	6-Port Distribution Block with PB input and output connector. Includes 5 jumpers.
PS-CC-R-DC/PBF-3	Adapter Cable - DC to female. 3" length
PS-CC-R-EXT-PB-36	Extension Cable with PB connector. 36" length
PS-CC-R-PB/HW-36	Power supply output cable – Hardwire to PB 36" length
PS-CC-R-PBF-PBF 36	Extension Cable with PBF connector on both ends. 36" length
DL-PS-EXT48 DL-PS-EXT48-WH	48" LED Driver Extension Cable - Black 48" LED Driver Extension Cable - White
DL-PS-EXT96 DL-PS-EXT96-WH	96" LED Driver Extension Cable - Black 96" LED Driver Extension Cable - White
DL-PS-222-412	2 Conductor Lever Nut for Hardwire applications 28 to 12AWG (stranded or solid) 600V/20A max
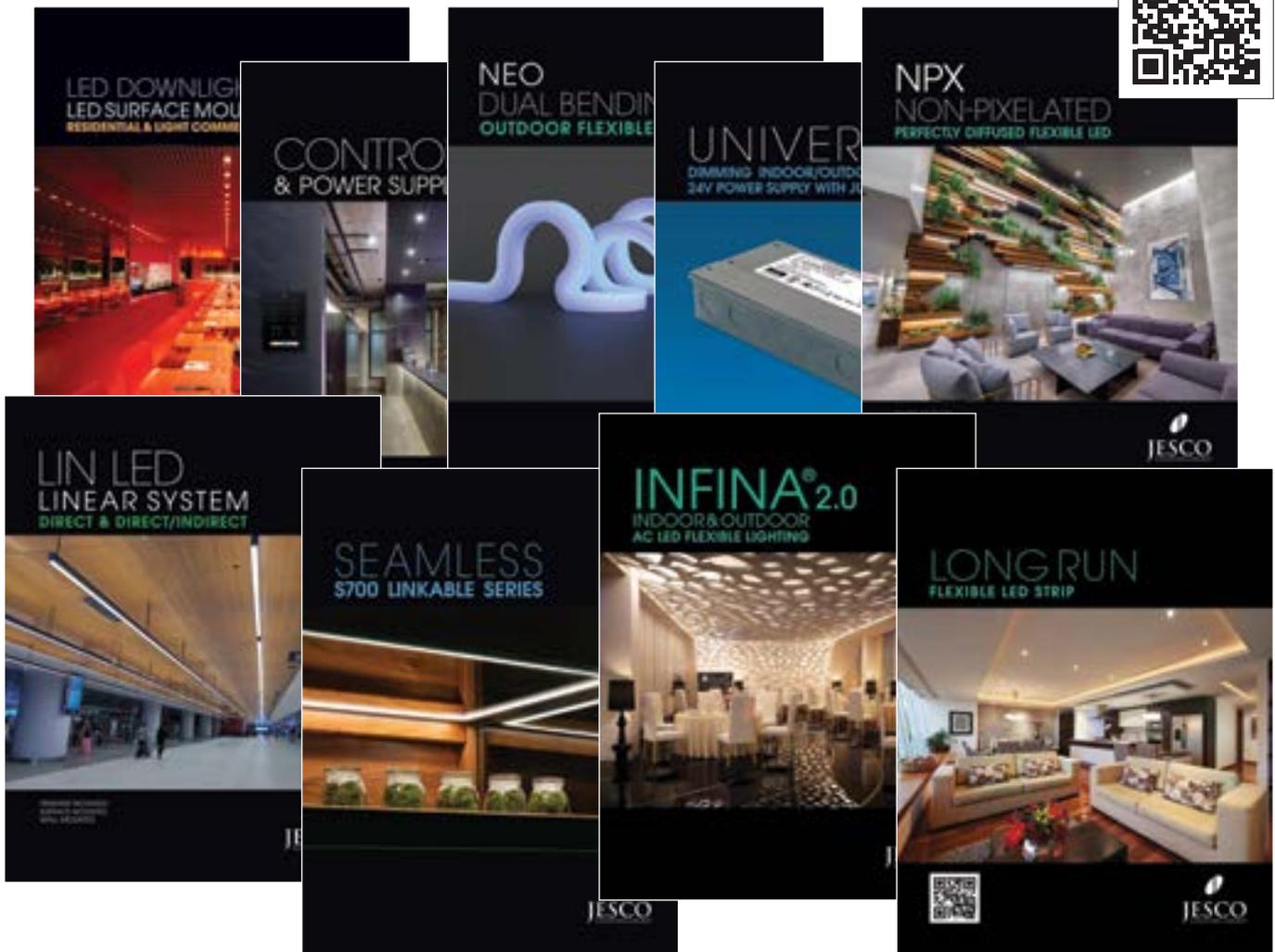
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Designer/Architect: Reza Safai, E Creative Group
Millwork: E Creative Group

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LCAT-CONTROLS4