LIGHTRONICS

LIGHT.CONTROL.SOLUTIONS

Product Selection Guide 2013

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What's NEW

Unity Architectural Ballast Drivers
LED & Fluorescent

- 3 and 6 Circuit Models
- Selectable Dimming Curves
- Accepts DMX or Unity Architectural Control Protocol
- Adjustable Closure Percentage per Relay (3-99%)

AB Series
page 10

Lighting Fixtures
LEDs

- 5in1 Color LEDs - Red, Green, Blue, White and Amber
- Powercon In and Out
- 5 Pin and 3 Pin DMX In/Out
- 5 / 6 / 8 Channel Operation

FXLD1018FRP5I4
page 16

Lighting Fixtures
Ellipsoidals

- LED Color Temperature: 3200K
- LED Lifespan: >50,000 Hours
- 3 Pin DMX In/Out
- 2 Channel Operation

FXLE1232W
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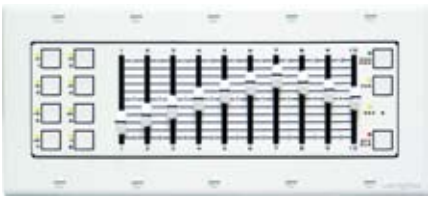
Unity Architectural Control

- Full DMX-512 Operation
- Recordable Scene Presets
- Programmable Fade Times
- LED Status Indicators



DF5512
coming soon

To stay up to date with our
newest product information,
please scan our QR Code or visit
www.lightronics.com/new_products.html

Lighting Consoles
12 to 48 / 96 Channels

TL2448
DMX-512 LED Compatible

TL5024
DMX-512 LED Compatible

TL4016
LED Compatible

TL4008
LED Compatible

TL3012
LED Compatible

FC1612

FC816

SM192
LED Compatible

	TL2448	TL5024	TL4016	TL4008	TL3012	FC1612	FC816	SM192
Fixtures	-	-	-	-	-	16	-	-
Channels	48 + 96	24 + 1	32	16	12	80	16	16
2 Scene Mode	Yes	Yes	Yes	Yes	-	-	-	-
Dipless Crossfade	Yes	Yes	Yes	Yes	Yes	Yes	-	-
Bump Buttons	Yes	Yes	Yes	Yes	Yes	-	-	-
Softpatch Tables	2	2	-	-	-	2	-	-
Scene Memories	600 + 600	192	16	8	24	12	8	240
Scene Faders	12	12	16	8	-	-	-	-
Scene Banks	50	16	1	1	2	3	1	30
Chases	36	12	2	2	12	8	4	6
Steps per Chase	40	20	23	40	12	40	14	240
Chase Fading	Yes	Yes	-	-	Yes	Yes	-	Yes
Chase Level Memory	Yes	Yes	-	-	Yes	Yes	-	Yes
Audio Chase Sync	-	Yes	-	-	Yes	Yes	Yes	Yes
Cue Stack	600	240	-	-	-	-	-	-
Go Button	Yes	Yes	-	-	-	-	-	-
Time Fades	Yes	Yes	-	-	Yes	Yes	Yes	Yes
MIDI Interface	-	-	-	-	-	Yes	-	-
LMX Channels	128	64	32	16	12	-	128	-
DMX Channels	512	256 Opt.	32 Opt.	16 Opt.	12 Opt.	192	-	192
LED Compatible	Yes	Yes	Yes	Yes	Yes	-	-	Yes
Wireless DMX Capability	Built In Opt.	Built In Opt.	WSTXF	WSTXF	WSTXF	Built In Opt.	-	WSTXF
Weight (boxed)	25 pounds	9 pounds	9 pounds	6 pounds	6 pounds	5 pounds	4 pounds	7 pounds

OPTIONS	
WSTX	Built In Wireless Transmitter for TL2448, TL5024 and FC1612
DMX01	DMX-512 Output / 120 Volt Operation for TL5024, TL4016, TL4008 and TL3012
DMX02	DMX-512 Output / 230 Volt Operation for TL5024, TL4016, TL4008 and TL3012
230V	230 Volt Operation for TL2448 Console

Custom Dimmer Racks

Standard Equipment

Welded aluminum frame with steel reinforced corner joints for lightweight strength. Heavy duty 2 inch casters. Inner shell mounted on eight shock mount isolators. Laminated birch panels for sides and doors and 1 inch HD caster board bottom. 24" x 30" footprint for easy truck pack. DMX and LMX Control In & Out.

Custom Optional Equipment

Single or Three Phase Camlock In, Out or Thru
Single and Three Phase Selector Switch
120V or 240V Operation
Mains Breaker Panel
Courtesy Panel - 10 Amp or 20 Amp
Built In Wireless DMX Receiver DMX-512

Output Options

Edison
Stagepin
Socapex

Custom Dimmer Rack Rear Panels

EP82

SP82

SP121

PX306

PX406

CM121

CM131

Rack Mount Dimming

8 or 12 Channels @ 1200 or 2400 Watts

RA Series

RD Series

RE Series

Stagepin

Socapex

Powerlock

Edison Duplex

Terminal / Barrier Connector Strip

	RA122	RA121	RD122	RD121	RD82	RE82	RE121
Channels	12	12	12	12	8	8	12
Watts/Channel	2400	1200	2400	1200	2400	2400	1200
Total Wattage	28800	14400	28800	14400	19200	19200	14400
Control Protocol	DMX-512 / Remote Stations	DMX-512 / Remote Stations	DMX and LMX	DMX and LMX	DMX and LMX	DMX or LMX	DMX or LMX
Built-In Chaser	-	-	8 Chases	8 Chases	8 Chases	-	-
Dim/Non-Dim Control	Yes						
Soft Start	Yes						
Softpatch	Yes	Yes	Yes	Yes	Yes	-	-
Set Levels	Yes	Yes	Yes	Yes	Yes	ON / OFF Only	ON / OFF Only
Local Scene	100 Scenes	100 Scenes	1	1	1	-	-
Power Input	120/208VAC Three Phase, 80A each Leg OR 120/240VAC Single Phase, 120A each Leg	120/208VAC Three Phase, 40A each Leg OR 120/240VAC Single Phase, 60A each Leg	120/240 VAC, 120A/Phase, 50/60 Hz Two Phase	120/240 VAC, 60A/Phase, 50/60 Hz Two Phase	120/240 VAC, 80A/Phase, 50/60 Hz Two Phase	120/240 VAC, 80A/Phase, 50/60 Hz Two Phase	120/240 VAC, 60A/Phase, 50/60 Hz Two Phase
Power Input Connections	Terminal Block						
Load Output Connections	Duplex or Terminal Strip Optional Patchbay or Socapex	Duplex or Terminal Strip Optional Patchbay or Socapex	Duplex or Terminal Strip Optional Socapex	Duplex or Terminal Strip Optional Stagepin, Patchbay or Socapex			
Overload Protection	20A Magnetic Circuit Breakers	10A Magnetic Circuit Breakers	20A Magnetic Circuit Breakers	10A Magnetic Circuit Breakers	20A Magnetic Circuit Breakers	20A Magnetic Circuit Breakers	10A Fuses
Filter Rise Time	450 uSec	350 uSec	350 uSec	350 uSec	350 uSec	350 uSec	350 uSec
UL-508 Compliant	Yes	No	No	Yes	Yes	Yes	Yes
Weight (boxed)	50 pounds	29 pounds	50 pounds	31 pounds	32 pounds	32 pounds	29 pounds

OPTIONS	
CB	Circuit Breaker Option Available for RE121D and RE121L
230V	230 Volt Operation
ST	Stagepin Outlet Panel
SO	Socapex Outlet Panel *Non UL-508 Compliant
PL	Powerlock Outlet Panel *Non UL-508 Compliant
DP	Edison Duplex Outlet Panel
XT	Terminal / Barrier Connector Strip with Knockout Cover

Distributed Dimming Bars - DB Series
6 Channels x 2400W & 6 Channels x 1200W

DB612

DB624

	DB624	DB612
Channels	6	6
Watts/Channel	2400	1200
Total Wattage	14400	7200
Control Protocol	DMX-512	
DMX Assign	Start Address - Any Channel	
Dim / Non-Dim	Yes	
Set Levels Locally	ON / OFF Only	
Power Input Connections	Terminal Block	
Power Input	120/208VAC Three Phase, 40A each Leg OR 120/240VAC Single Phase, 60A each Leg	120/208VAC Three Phase, 20A each Leg OR 120/240VAC Single Phase, 30A each Leg
Load Output Connections	Duplex Optional Stagepin or Twistlock	
Protection	20A Magnetic Circuit Breakers	10A Magnetic Circuit Breakers
Filter Rise Time	450 uSec	
UL-508 Compliant	-	Yes
Weight (boxed)	40 pounds	33 pounds

OPTIONS	
W/ B	Specify White or Black
DP	Edison Outlets
ST	Stagepin Outlets
TL	Twistlock Outlets

Unity Architectural Dimmers
Wall Mount

AR Series

DMX-512

Complete Architectural Control System built-in.

*Shown with Optional Built In Wireless DMX Receiver

AE Series

FL Series

AT Series

Unity Architectural Dimmers
Rack Mount - Compact Installations

RA Series

12 Channels
1200 or 2400 Watts per Channel
Remote Network Control
DMX-512 Control
UL-508 Listed by MET Laboratories
Single or Three Phase Power

*Refer to Rack Mount Dimming Comparison Chart on page 6

RA Series OPTIONS	
230V	230 Volt Operation
SO	Socapex Outlet Panel *Non UL-508 Compliant
PL	Powerlock Outlet Panel *Non UL-508 Compliant
DP	Edison Duplex Outlet Panel
XT	Terminal / Barrier Connector Strip with Knockout Cover

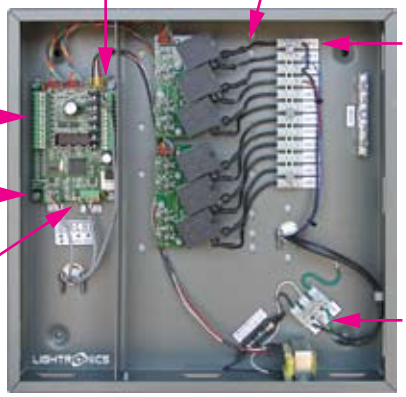
Unity Architectural Dimmers
Wall Mount - Comparison Chart

	AR1202	AR602	AE4020	FL2020	FL4020	AT402
Style	Architectural / Theatrical		AR Expansion Module	Fluorescent Ballast AR Expansion Module		Architectural
Channels	12	6	4	2	4	4
Wattage/Channel	2400		2400	2400		2400
Total Wattage	28800	14400	9600	4800	9600	9600
Control Protocol	DMX-512 / Remote Stations		PWM via AR1202/602	Fluorescent Dimmer Slave		DMX-512/ Contact Closures
Programmable Scenes	100		via AR1202/602	via AR1202/602		4
Scene Memory	64		via AR1202/602	via AR1202/602		16
Scene Fade Time	0.5 - 99 Seconds		via AR1202/602	via AR1202/602		1.0 - 99 Seconds
Remote Stations	32		via AR1202/602	via AR1202/602		-
Closure Inputs	8		via AR1202/602	via AR1202/602		16
DMX Assign	Softpatch		via AR1202/602	via AR1202/602		Channels 1-4
Dim/Non-Dim	Yes		via AR1202/602	via AR1202/602		-
Set Levels Locally	Yes		via AR1202/602	via AR1202/602		Yes
Expansion	384/512 Channels & 255 Scenes		-			
Remote Station Protocol	Lightronics Architectural Network (bidirectional RS-485)		-			
Remote Station Connections	Low capacitance, shielded, two twisted pair data cable		-			
Power Input	120/208VAC Three Phase, 80A each Leg OR 120/240VAC Single Phase, 120A each Leg	120/208VAC Three Phase, 40A each Leg OR 120/240VAC Single Phase, 60A each Leg	4 Hots of 120VAC, 20A each + Neutral and Ground	2 Hots of 120VAC, 20A each + Neutral and Ground	4 Hots of 120VAC, 20A each + Neutral and Ground	4 Hots of 120VAC, 20A each + Neutral and Ground
Power Hookup	Terminal Block		Terminal Block			
Output Connections	Terminal Block		Terminal Block			
Protection	20A Magnetic Circuit Breakers		20A Magnetic Circuit Breakers			
Filter Rise Time	600 uS min		500 uS min	-		500 uS min
UL-508 Compliant	Yes		-	-		Yes
Weight (boxed)	70 pounds	50 pounds	27 pounds	27 pounds		28 pounds

OPTIONS	
WSRX	Built In Wireless Receiver for AR1202 and AR602
230V	230 Volt Operation
SS	STAINLESS STEEL CHASSIS FOR SHIPBOARD / CORROSIVE ENVIRONMENTS

AB Series

LED & Fluorescent Ballast drivers are really Green and eco-friendly.



Inside View

3 or 6 Channels
2400 Watts Maximum per Channel
Control Options: DMX-512, Unity Architectural Remote Stations, Contact Closure
Softpatch DMX Addressing per Channel
Stores 64 Programmable Scenes
"Snapshot" Recording of Scenes
Single Pole 20 Amp Feed per Relay
"ON" and "OFF" Threshold Adjustment per Channel (255 steps)
Selectable Dimming Curve per Channel Includes: Incandescent, CFL, LED and Fluorescent
UL-508 Compliant

	AB0302A	AB0302D	AB0302N
Channels	3		
Watts/Channel	2400		
Total Wattage	7200		
Control Protocol	DMX-512 / Remote Stations		
Softpatch	Yes		
Closure Inputs	9		
Output	AC dimmed - Switched HOT / Dimmed HOT	DC dimmed - Switched HOT / 0-10VDC Dimmed Class II output	Non-Dim - Switched HOT only

	AB0602A	AB0602D	AB0602N
Channels	6		
Watts/Channel	2400		
Total Wattage	14400		
Control Protocol	DMX-512 / Remote Stations		
Softpatch	Yes		
Closure Inputs	9		
Output	AC dimmed - Switched HOT / Dimmed HOT	DC dimmed - Switched HOT / 0-10VDC Dimmed Class II output	Non-Dim - Switched HOT only

Unity Architectural Control

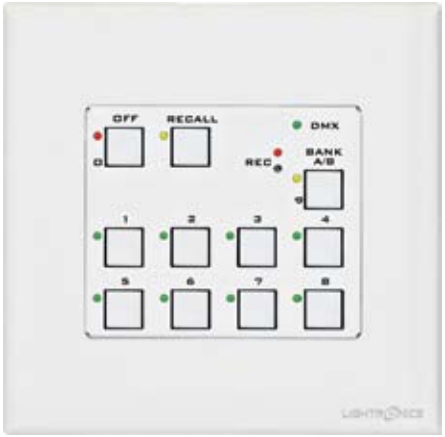
Your dimmers with our Unity Architectural Stations

SR Series

DMX-512 Pile-On Operation
16 Scenes w/ Fade Times to 99 Minutes
Multiple Remote Station Control
Show Mode Station Lockout via DMX
Scene Grouping - Mutually Exclusive
Last Scene Recall
3 Configurable Contact Closures
Optional Emergency On Contact Closure

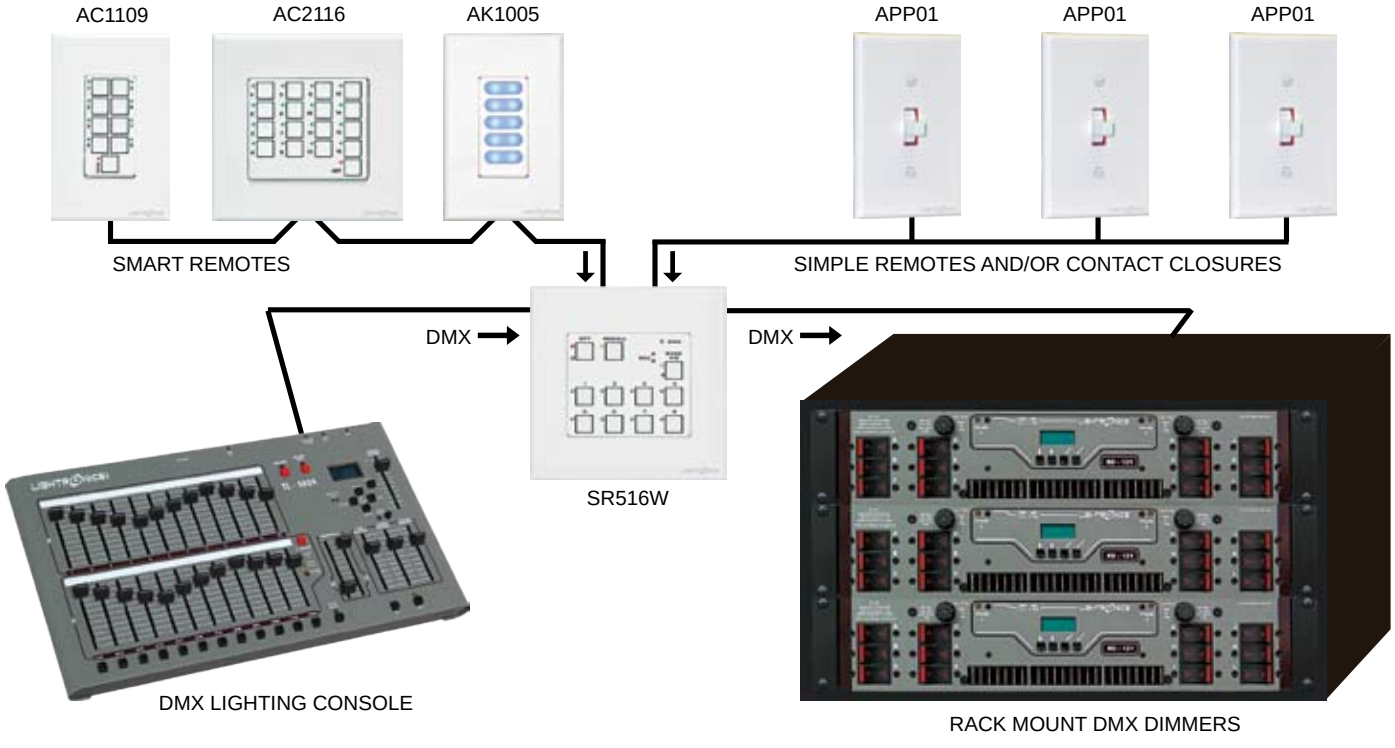
Protect your Main Theatrical Lighting Console
with our 16 Preset Recall System.
Record your presets and turn the main console OFF.

SR516W
2 Gang Wall Box Installation



SR516D
Desktop Version

TYPICAL SYSTEM DIAGRAM



Unity Architectural Remote Stations
Buttons and Sliders

AK1005

AK1003

AK1002

AC1109

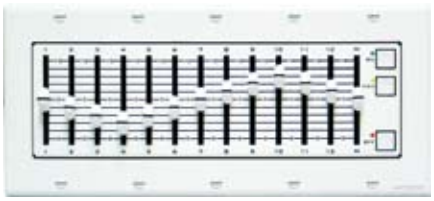
AC2116

AF2104

	AK Series	AC1109	AC2116	AF2104
Style	Button	Button	Button	Fader
Scenes	5, 3 or 2	8	16	4
Functions	5, 3 or 2 Scenes	8 Scenes and OFF	16 Scenes and OFF	4 Scenes + ON, OFF
Controls	5, 3 or 2 Scene Buttons	8 Scenes, 1 OFF	16 Scenes, 1 OFF	4 Faders + ON, OFF
Indicators	Backlit in Buttons	8 Scenes, 1 OFF	16 Scenes, 1 OFF	On, Off and Manual
Color	White	White	White	White
Addressability	6 Scene Blocks	6 Scene Blocks	6 Scene Blocks	3 Scene Blocks
Protocol	Lightronics Architectural Network (bidirectional RS-485)			
Connections	Low capacitance, shielded, two twisted pair data cable			
Wall Box Size	1 gang	1 gang	2 gang	2 gang
Weight (boxed)	1 pound			
OPTIONS				
PORT01	Portable Chassis Option for Architectural Stations with 4 pin male XLR connector			

AF3107

AF5113



AI1001

AX0009

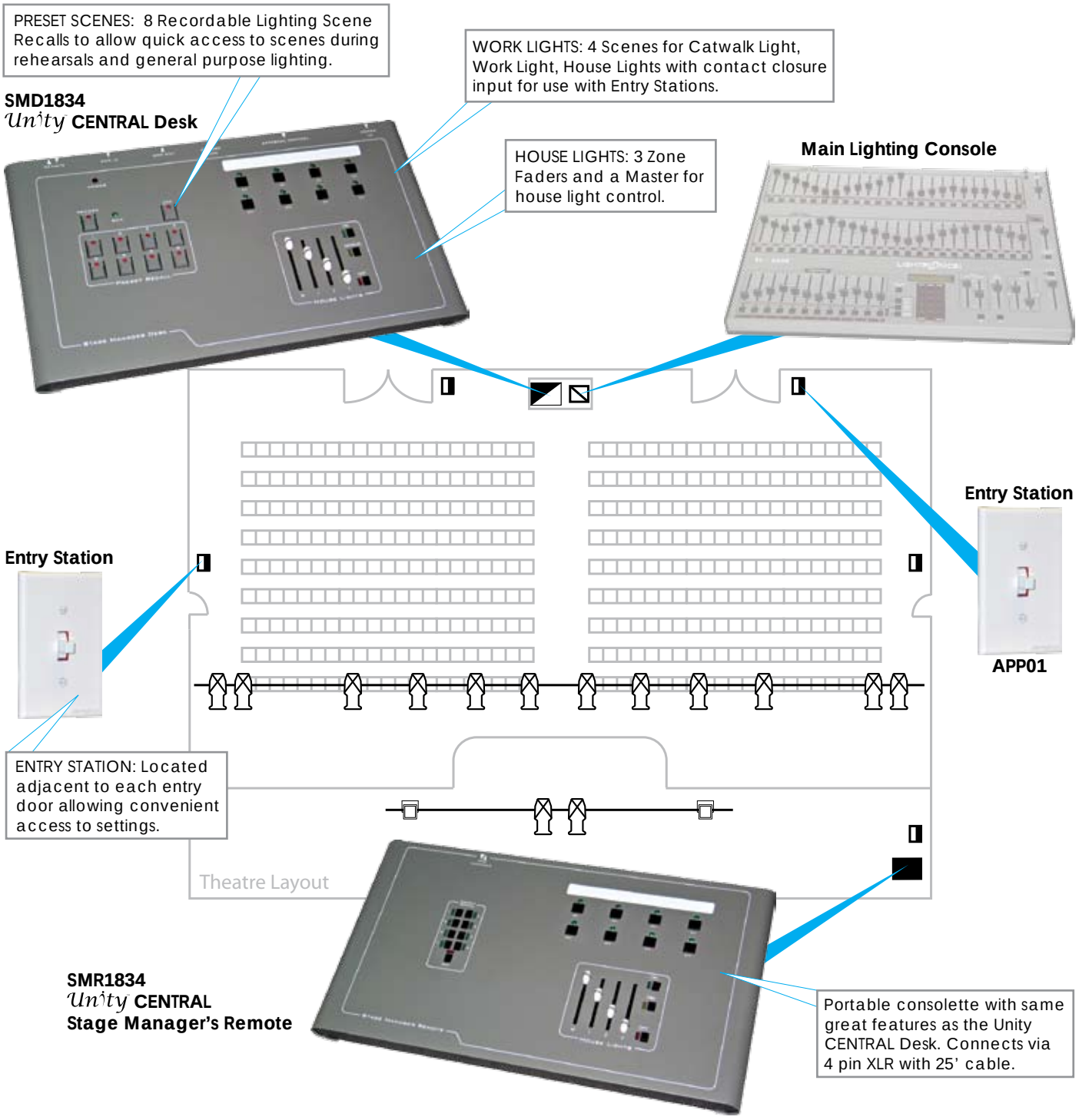
APP01

	AF3107	AF5113	AI1001	AX0009	APP01
Style	Fader	Fader	Infrared	Interface	Switch
Scenes	6	12	13	8	2
Functions	6 Scenes and Master	12 Scenes and Master	13 Scenes and OFF	8 Scene, Off Closure Input	2 Scenes or 1 Scene + OFF
Controls	7 Faders + ON, OFF	13 Faders + ON, OFF	Handheld Remote	9 Inputs	Toggle Switch
Indicators	On, Off and Manual	On, Off and Manual	Remote Reception	9 Scene Outputs	-
Color	White	White	White	Black	White
Addressability	3 Scene Blocks	3 Scene Blocks	6 Scene Blocks	4 Addresses	-
Protocol	Lightronics Architectural Network (bidirectional RS-485)				Contact Closure
Connections	Low capacitance, shielded, two twisted pair data cable				3 Conductor Cable
Wall Box Size	3 gang	5 gang	1 gang	-	1 gang
Weight (boxed)	1 pound				
OPTIONS					
PORT01	Portable Chassis Option for Architectural Stations with 4 pin male XLR connector				

Unity CENTRAL Desk & Stage Manager's Remote

Complete Lighting control from the control booth, backstage and entry locations while keeping your theatrical lighting console safe and secure. Works equally well for either Retrofits or New installations.

The Unity CENTRAL Desk provides full access to all lighting in your theatre from convenient locations. Use the Main Lighting Console to edit and record eight preset scenes that may combine house and theatrical lighting to create looks for meetings, seminars, concerts, etc. These preset scenes are then easily recalled via Unity CENTRAL.



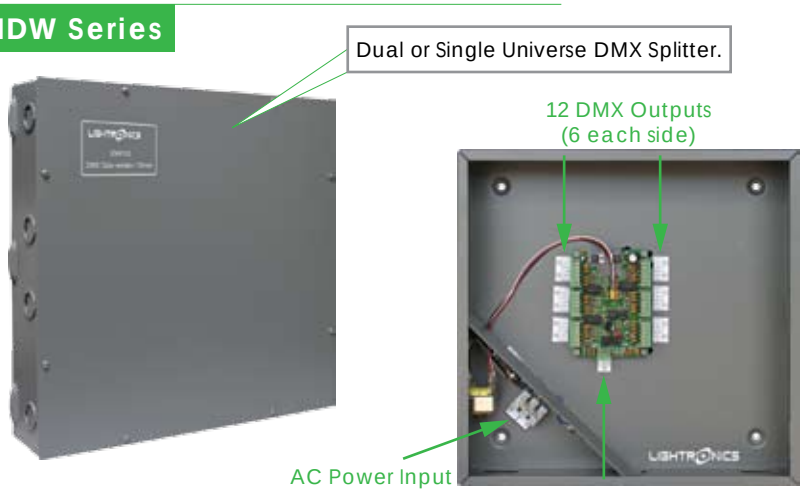
The Unity CENTRAL Desk and Stage Manager's Remote offer a complete system of control for your theatre or place of worship. The design of this product makes it perfect for new projects, as well as existing facilities that currently lack proper access to your lighting system. Simply insert the CENTRAL Desk in between the main theatrical console and the dimming system, program your cues and you're ready to go.

DMX Opto-isolation and Distribution

IDP104

Optical Isolation
Protected Outputs
Provided with UL Listed Power Supply

IDW Series



Optical Isolation
Protected Outputs
Provided with UL Listed Power Supply

	DMX Universes	DMX Output	Output Protection	Style
IDP104	1	4	Self Resetting Fuse	Portable or Wallmount
IDW104	1	4	Self Resetting Fuse	Wallmount
IDW112	1	12	Self Resetting Fuse	Wallmount
IDW206	2	6 per Universe	Self Resetting Fuse	Wallmount
IDW212	2	12 per Universe	Self Resetting Fuse	Wallmount

Unity Architectural Accessories/Installation

Wall Connectors

CP521

Dual Universe Faceplate MALE.

DUAL 5 Pin Male

CP522

Dual Universe Faceplate FEMALE.

DUAL 5 Pin Female

CP501

5 Pin Male

CP502

5 Pin Female

CP401

4 Pin Male

CP402

4 Pin Female

Wireless DMX

WSTXF

Free Standing Wireless DMX Transmitter
Box for ANY DMX Console
5 Pin DMX-512 Input
AC Adapter

WSRXF

Free Standing Wireless DMX Receiver
Box for ANY DMX Dimmer
5 Pin DMX-512 Output
AC Adapter

Converters & Translators

DMX-512, LMX-128, AMX-192, 0-10VDC, etc.

UMX24

Front

Back

DMX-512 or LMX-128 Input Channels
24 Analog Output Channels
0 - 10VDC Output
Output Hold Function
Provided with UL Listed Power Supply

TX30

DMX-512 Input
LMX-128 Output
192 Channels Out
Optional AMX-192 Output
Provided with UL Listed Power Supply

MX32

0 - 10VDC Input
LMX-128 Output
32 Channels Out

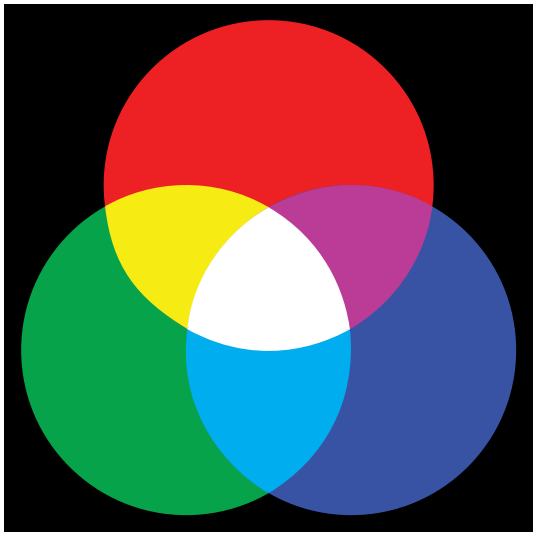
OPTIONS	
DC1524	0-15V, 0-20V, 0-24V Optional Output for UMX24
TX192	AMX-192 Output Option for TX30, Includes External Power Supply
PORTABLE	Available for most Converters and Translators
WALL MOUNT	Available for most Converters and Translators

LED Lighting Fixture - Color & Types

Discreet - Single color in each LED cell.
Individual LEDs can be much more powerful by having a single emitter within a single lens. A five Watt LED cell is a full five Watts of one color. In this type of fixture the quantities of LEDs, lens angle and placement is important to create even color mixing and uniform beam spread.

2in1 - Combination of warm white and cool white LEDs in each cell.
This LED is preferred to re-create white light similar to what's emitted from an incandescent source. Two sources or color, 2600K and 4600K, give you the ability to adjust the color temperature from warm white (living room) to bright white approaching that sunlight on a cloudless day. A warmer white light gives a subject a more natural skin tone especially when using a home video camera.

3in1 - Combination of red, green and blue LEDs in each cell.
Red, green and blue LEDs create the seven basic colors of the rainbow with rich saturated hues. Achieving soft pastels and normal warm white light is challenging.

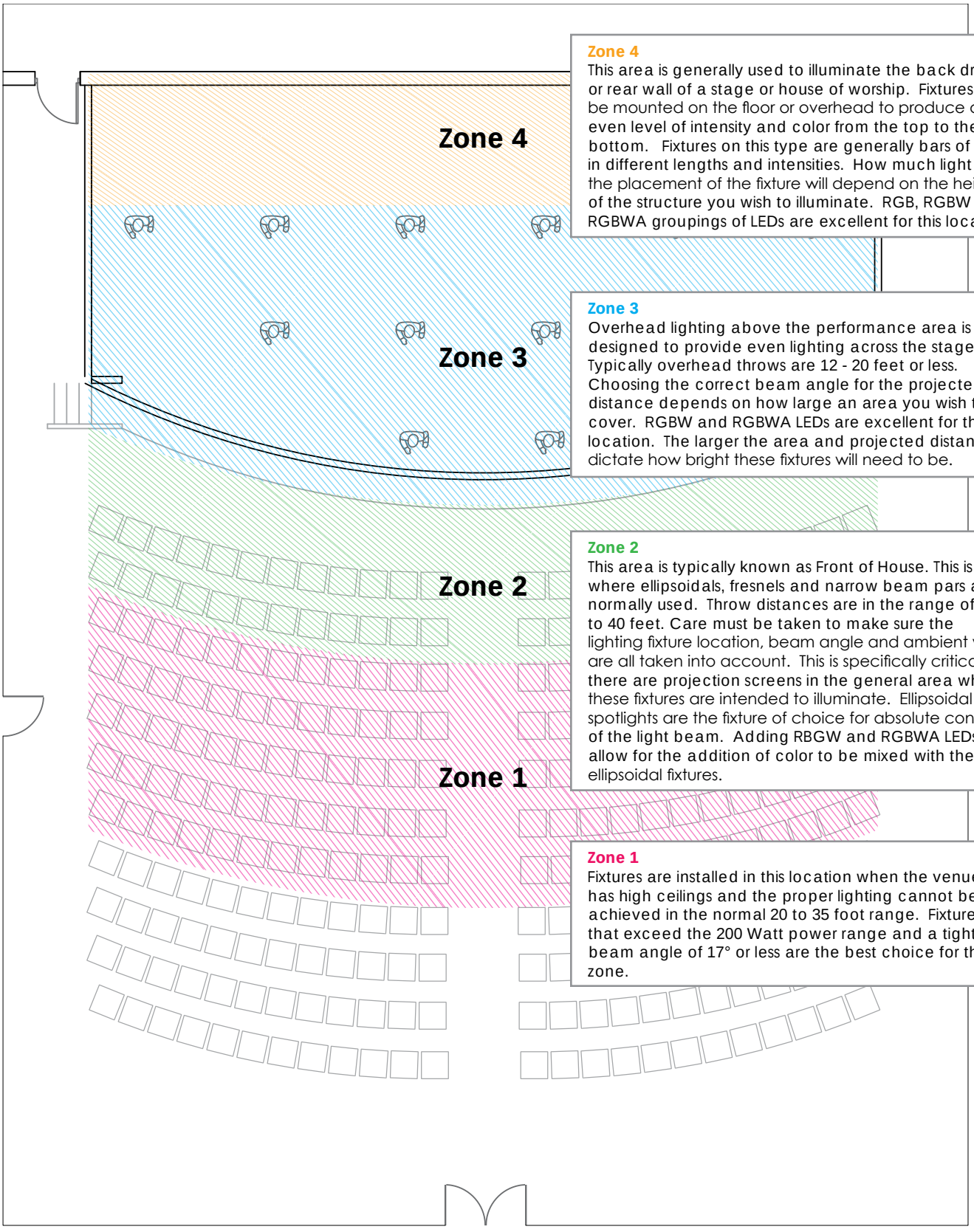


4in1 - Combination of red, green, blue and white LEDs in each cell.
Red, green and blue, with the addition of white LEDs add to the range of colors that can be achieved by this type of fixture. Pastels can now be created and with the correct setting of red, green and blue color levels, a full color white can be produced. Pre-mixing the colors within the LED lens produces a single color of light along with uniform shadows.

5in1 - Combination of red, green, blue, white & amber LEDs in each cell.
These new fixtures add amber to the color pallet. This fixture can achieve the complete range of colors within the rainbow. Specifically the additional of the amber opens up the golden and deep amber colors used in most theatrical productions. Simulation of the colors in a bonfire can now be produced.

LED Lighting for your Venue
On the next page you will see a typical theater/worship layout. This diagram is to help you select the fixture that meets your needs for each location or zone. Our trained staff can assist you with selecting the appropriate LED fixtures to meet the requirements of your facility.

Theater Layout - LED Lighting Fixture Zones



Zone 4
This area is generally used to illuminate the back drop or rear wall of a stage or house of worship. Fixtures can be mounted on the floor or overhead to produce an even level of intensity and color from the top to the bottom. Fixtures on this type are generally bars of LEDs in different lengths and intensities. How much light and the placement of the fixture will depend on the height of the structure you wish to illuminate. RGB, RGBW and RGBWA groupings of LEDs are excellent for this location.

Zone 3
Overhead lighting above the performance area is designed to provide even lighting across the stage. Typically overhead throws are 12 - 20 feet or less. Choosing the correct beam angle for the projected distance depends on how large an area you wish to cover. RGBW and RGBWA LEDs are excellent for this location. The larger the area and projected distance dictate how bright these fixtures will need to be.

Zone 2
This area is typically known as Front of House. This is where ellipsoidals, fresnels and narrow beam pars are normally used. Throw distances are in the range of 20 to 40 feet. Care must be taken to make sure the lighting fixture location, beam angle and ambient wash are all taken into account. This is specifically critical if there are projection screens in the general area where these fixtures are intended to illuminate. Ellipsoidal spotlights are the fixture of choice for absolute control of the light beam. Adding RBGW and RGBWA LEDs allow for the addition of color to be mixed with the LED ellipsoidal fixtures.

Zone 1
Fixtures are installed in this location when the venue has high ceilings and the proper lighting cannot be achieved in the normal 20 to 35 foot range. Fixtures that exceed the 200 Watt power range and a tight beam angle of 17° or less are the best choice for this zone.

LIGHTRONICS

An incredible performer at a great price.

FXLE1260W

Daylight Dimmable LED Ellipsoidal
Black Fixture (White Upgrade)
Available in 50°, 36°, 26°, and 19° Beam Spreads
150 Total Watts
120W Edison LED
LED Color Temperature: 5500K
LED Lifespan: >50,000 Hours
High Quality Optical System
Glass Reflector
High Impact Plastic Housing
FX Slot
Center Beam Lux at 1 Meter Projection Distance: 50°: 7500 lux, 36°: 12650 lux, 26°: 16200 lux, 19°: 23500 lux

FXLE1232W

Warm White Dimmable LED Ellipsoidal
Black Fixture (White Upgrade)
Available in 50°, 36°, 26°, and 19° Beam Spreads
150 Total Watts
120W Edison LED
LED Color Temperature: 3200K
LED Lifespan: >50,000 Hours
High Quality Optical System
Glass Reflector
High Impact Plastic Housing
FX Slot
Center Beam Lux at 1 Meter Projection Distance: 50°: 7500 lux, 36°: 12650 lux, 26°: 16200 lux, 19°: 23500 lux

FXELPA

Available in 10°, 19°, 26°, 36° and 50° Beam Spreads
High Quality Optical System
Glass Reflector
Die-Cast Aluminum Housing
Variable Focus
Insulated Rear Handles
Interchangeable Lens Tube
Includes Gel Frame and Gobo Holder
Tool Free Lamp Replacement

Lens Tubes Available in Black or White

Ellipsoidal COMPLETE Includes:
Pipe Clamp
Safety Cable
Connector (choice of Edison, Stagepin or Twistlock)
GLA575 or GLD750 Lamp

FXPAR4B

Four Interchangeable Lenses
Includes Gel Filter Holder
Aluminum Alloy Housing
Available in Black or White
Power Supply: 120VAC, 60Hz
Power Consumption: 800 Watts max
Dimensions: 10" x 11" x 11.4"
Weight: 8 lbs
Max Ambient Temp: 45° C
Max Housing Temp: 160° C
Lamp: Osram GLA575 or GLD750 (G9.5base)

PAR[4] COMPLETE Includes:
Pipe Clamp
Safety Cable
GLA575 or GLD750 Lamp
Connector (choice of Edison, Stagepin or Twistlock)

PAR CAN

Available in 64, 56 or 38
UL Listed
Silver Only (38)
White, Black or Silver (56 & 64)

ACCESSORIES

Barndoors for PAR[4]

Reflector Kit

Lamps

Safety Cable

Clamp

Portable Dimming

AS42 Series Portable Dimming			
	AS42DC	**AS42D**	**AS42L**
Channels	4		
Watts/Channel	1200		
Total Wattage	4800		
Control Protocol	DMX/LMX	DMX/LMX	LMX
Built-In Chaser	8 Chases		
Dim/Non-Dim Control	Yes		
Soft Start	Yes		
Power Input	Dual 120VAC, 20A each, 50/60 Hz		
Power Input Connections	Dual Edison Optional Circuit Breakers Available		
Load Output Connections	Dual Edison per Channel		
Overload Protection	10A Circuit Breakers	10A Fuses	10A Fuses
Filter Rise Time	350 uSec minimum		

OPTIONS	
ST	Stagepin Output for AS42D and AS42L
UB	UL-508 Compliant - 12A Mains Circuit Breaker, 2880 Watts Total Load
UT	UL-508 Compliant - Twistlock Power Input Connector
230V	230 Volt Operation

AS40 Series **Show*Pro Series** Portable Dimming				
	AS40M	**AS40D**	**AS40L**	**SD4102**
Channels	4			
Watts/Channel	600	600	600	750
Total Wattage	2400	2400	2400	1800
Control Protocol	DMX	DMX	LMX	DMX
Built-In Chaser	8 Chases	8 Chases	8 Chases	16 Chases
Local Control	Yes	-	-	-
Dim/Non-Dim Control	Yes	Yes	Yes	-
Soft Start	Yes	Yes	Yes	-
Power Input	120VAC, 20A, 50/60 Hz	120VAC, 20A, 50/60 Hz	120VAC, 20A, 50/60 Hz	120VAC, 15A, 50/60 Hz
Power Input Connections	Edison			
Load Output Connections	One Edison/Channel	One Edison/Channel	One Edison/Channel	Dual Edison/Channel
Overload Protection	5A Fuses			
Filter Rise Time	150 uSec minimum			

OPTIONS	
UB	UL-508 Compliant - 12A Mains Circuit Breaker, 1440 Watts Total Load for AS40 Series
UT	UL-508 Compliant - Twistlock Power Input Connector for AS40 Series
230V	230 Volt Operation for AS40 Series

Portable Dimming

Lose the control cable.
Go WIRELESS with confidence.

XC Series Portable Dimming			
	XC62	**XC42**	**XC40**
Channels	6	4	4
Watts/Channel	1200	1200	600
Total Wattage	4800	4800	2400
Control Protocol	DMX		
Built-In Chaser	Yes		
Dim/Non-Dim Control	Yes		
Soft Start	Yes		
Power Input	Dual 120VAC, 20A each, 50/60 Hz	Dual 120VAC, 20A each, 50/60 Hz	120VAC, 20A, 50/60 Hz
Power Input Connections	Dual Edison Plugs	Dual Edison Plugs	Edison Plug
Load Output Connections	Dual Edison Sockets/Channel	Dual Edison Sockets/Channel	Single Edison Socket/Channel
Overload Protection	10A Fuses	10A Fuses	5A Fuses
Filter Rise Time	350 uSec		
OPTIONS			
WSRX UB UT 230V	**Built In Wireless Receiver** UL-508 Compliant - 12A Mains Circuit Breaker, 1440 Watts Total Load - PENDING UL-508 Compliant - Twistlock Power Input Connector - PENDING 230 Volt Operation		

AS62 Series Portable Dimming					
	AS62DCSL	**AS62DCSK**	**AS62DC**	**AS62D**	**AS62L**
Channels	6				
Watts/Channel	1200				
Total Wattage	7200	7200	4800	4800	4800
Control Protocol	DMX/LMX	DMX/LMX	DMX/LMX	DMX/LMX	LMX
Built-In Chaser	8 Chases				
Dim/Non-Dim Control	Yes				
Soft Start	Yes				
Power Input	120/240VAC, 2 Hots, 30A each, 50/60 Hz		Dual 120VAC, 20A each, 50/60 Hz		
Input Connections	2' cable stub, 4 Conductor, AWG#10		Dual Edison Plugs		
Output Connections	19 Pin LINK© Socapex	19 Pin KUPO© Socapex	6 Dual Edison Sockets		
Overload Protection	10A Circuit Breakers			10A Fuses	
Filter Rise Time	350 uSec minimum				
OPTIONS					
ST 230V	Stagepin Output for AS62DC, AS62D, AS62L 230 Volt Operation				

Lighting in a Box / System in a Box

LB51

LB60

LB61

LB62

LB13

LB12

LB11

LB20

LB01

LB02

LB05

SB01

SB02

Lighting in a Box / System in a Box
Comparison Charts

	LB51	LB60	LB61	LB62
Console	TL5024 Wireless	-	-	-
Dimmer	XC42 Wireless	XC40 Wireless	XC42 Wireless	XC62 Wireless
Fixtures	4 - PAR38			
Lamps	4 - 150W Lamps			
Gels	4 - Color Gels			
Light Stand	1 - 9' Tripod with T-Bar			
Fixture/Lamp Upgrade	Optional PAR56/Lamp Upgrade			

	LB13	LB12	LB11	LB20
Console	TL4008	TL3012	FC816	-
Dimmer	AS40L			
Fixtures	4 - PAR38			
Lamps	4 - 150W Lamps			
Gels	4 - Color Gels			
Light Stand	1 - 9' Tripod with T-Bar			
Microphone Cable	1 - 25' Microphone Cable			
Fixture/Lamp Upgrade	Optional PAR56/Lamp Upgrade			
DMX Upgrade	Optional DMX Upgrade (Console/Dimmer/Cable)		-	Optional DMX Upgrade (Dimmer/Cable)

	LB01	LB02	LB05
Console	SM192	SM192	-
Dimmer	1 - SD4102	2 - SD4102	1 - SD4102
Fixtures	4 - PAR38	8 - PAR38	4 - PAR38
Lamps	4 - 150W Lamps	8 - 150W Lamps	4 - 150W Lamps
Gels	4 - Color Gels	8 - Color Gels	4 - Color Gels
Light Stand	1 - 9' Tripod with T-Bar	2 - 9' Tripods with T-Bar	1 - 9' Tripod with T-Bar
Microphone Cable	1 - 25' Mic Cable	2 - 25' Mic Cables	1 - 25' Mic Cable
Fixture/Lamp Upgrade	Optional PAR56/Lamp Upgrade		

	SB01	SB02
Console	SM192	SM192
Dimmer	1 - SD4102	2 - SD4102
Microphone Cable	1 - 25' Mic Cable	2 - 25' Mic Cables

Special Thanks to Rob Snyder Productions

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LIGHTRONICS

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