## LUMENWERX

PENDANT		
CHROMAWERX -	SOLA.	DUO



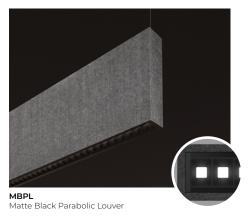


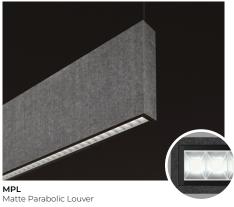
Project:

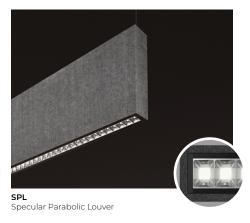
Туре:

#### **DESCRIPTION**

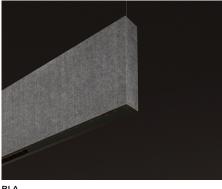
Squero Acoustix offers superior craftsmanship that is both optically impressive and sound absorbing. Coupled with excellent optical choice, the acoustic felt is cut with an ultra-fine blade to ensure flawless transitions at every cut corner and seam. Squero Acoutix is available in Sola and Duo. For static white and BIOS, please see other spec sheet.



















## LUMENWERX

## PENDANT CHROMAWERX - SOLA, DUO





Project:

Туре:

### Order Guide

LUMINAIRE ID	DISTRIBUTION	LUMINAIRE HEIGHT	DIRECT OPTIC	INDIRECT OPTIC Specify NA for Direct fixture	LIGHT SOURCE <sup>2</sup>	CRI
SQUACOP						
<b>SQUACOP</b> - Squero Acoustix Pendant	DI - Direct/Indirect D - Direct	<b>8IN</b> - 8" <b>12IN</b> - 12" <b>16IN</b> - 16"	MBPL - Matte Black Parabolic Louver MPL - Matte Parabolic Louver SPL - Specular Parabolic Louver HLO - High-Efficiency Lambertian Optic BLA 1 - Blank  ¹Can be specified as the direct optic option for a Direct/Indirect fixture.	WIO2 - Widespread Indirect Optic TIO - Translucent Indirect Optic WAI2 - Widespread Asymmetric Indirect Optic NA - Not applicable	SOLA - Dim-to-warm single channel control 35K to 22K DUO - Tunable white 2-channel control 65K to 27K <sup>2</sup> Static white and BIOS also available. Consult other spec sheet.	<b>80CRI</b> - 80 CRI <b>90CRI</b> - 90 CRI

DIRECT LUMEN PACKAGE	INDIRECT LUMEN PACKAGE Specify NA for Direct fixture	LUMINAIRE LENGTH	VOLTAGE	DRIVER 6
350LMF - Eco low output 350 lm/ft 500LMF - Low output 500 lm/ft 750LMF - Medium output 750 lm/ft 1000LMF <sup>3</sup> - High output 1000 lm/ft <sup>3</sup> Not available with MBPL optic.	350LMF - Eco low output 350 lm/ft 500LMF - Low output 500 lm/ft 750LMF - Medium output 750 lm/ft 1000LMF <sup>4,5</sup> - High output 1000 lm/ft NA - Not applicable  4 Not available with WAI2.  5 For Direct/Indirect, Direct must not exceed 750 lm/ft.	#FT#IN - Specify nominal length (#) in 2' increments  Standard nominal lengths: Single units: 4' to 8' Continuous runs: lengths over 8'	120V - 120V 277V - 277V UNV - 120V-277V	SOLA SD1 - Single 0-10V input  DUO DMX 7.8 - DMX DDA 8 - DALI DT6 DDA8 8 - DALI DT8 DD1 - Dual 0-10V input for CCT/intensity PSQ0 8 - Lutron T-Series 1% Tunable White  6 PoE (Power-over-Ethernet) compatible. Consult factory for details. 7 For more information, see pages 12 to 17. 6 On-site commissioning is required.

ELECTRICAL	MOUNTING 9	FIXTURE FINISH 10	FELT COLOR		OPTIONS
1C					
1C - 1 circuit	ACS - Aircraft cable, standard	<b>W</b> - Matte white	STANDARD COLORS	PREMIUM COLORS 11, 12	<b>FU120</b> - Fuse 120V
	STS - Stem, standard ACC() - Aircraft cable, custom	<b>AL</b> - Aluminum <b>B</b> - Matte black	FWN LVN	PKN CDN IVN BHN	<b>FU277</b> - Fuse 277V <b>CTB9</b> <sup>13</sup> - T-bar caddy clip, 9/16"
	STC() - Stem, custom	CF# - Custom	FON LEN	OGN LCN SLN CFN	CTB15 13 - T-bar caddy clip, 15/16"
	<sup>9</sup> See page 3 for ordering details.	finish, specify RAL#	ION CYN	LNN SYN CNN SRN	CTG9 <sup>13</sup> - Tegular caddy clip, 9/16" CTG15 <sup>13</sup> - Tegular caddy clip, 15/16"
		<sup>10</sup> Blank finish will match fixture finish.	TBN PMN	LMN BLN GHN MON	CST <sup>13</sup> - Screw slot caddy clip NA - None
			MDN FGN	EGN NVN CLN ESN	NA - None
				<sup>11</sup> Please consult factory for more color options. <sup>12</sup> Lead time may vary.	<sup>13</sup> Available with aircraft cable only.

### Accessories

Optional, order separately

WALL CONTROLLER	
DMX	DD1
WCW <sup>14</sup> - DMX wall controller white WCB <sup>14</sup> - DMX wall controller black	TWCW <sup>15</sup> - Dual 0-10V wall controller white TWCB <sup>15</sup> - Dual 0-10V wall controller black
<sup>14</sup> Available with DMX only. For more information, see pages 12 to 17, or consult factory.	<sup>15</sup> Available with DD1 only. For more information, see page 18, or consult factory.











PENDANT CHROMAWERX - SOLA, DUO

### Pendant Mounting Code

#### Standard

For a standard mounting, please refer to the information below.

MOUNTING	
ACS - Aircraft cable, standard	STS - Stem, standard
Ø5" for power canopy Ø3" for non-power Canopies are white Power cord is white for all fixture finishes (except black fixture is black power cord) Aircraft cable length is 36"	Ø5" for power canopy Ø5" for non-power Canopies are white Stem finish is the same color as fixture Stem length is 18" Stem is not field adjustable

#### Custom

#### Aircraft Cable

For a custom mounting, specify the options in the parentheses.

Example: ACC(3NPC-72IN-W-PCB-SLC)

MOUNTING
ACC()

	NON-POWER CANOPY SIZE	AIRCRAFT CABLE LENGTH	CANOPY FINISH	POWER CORD COLOR	OPTIONS
ACC	<b>3NPC</b> - Ø3" non-power canopy <b>5NPC</b> - Ø5" non-power canopy	36IN - 36" 72IN - 72" 120IN - 120" #IN 1 - Other lengths, specify in inches  1 Maximum length is 288". For longer lengths, please consult factory.	W - Matte white AL - Aluminum B - Matte black CF# - Custom finish, specify RAL#	PCW - White PCB - Black	SEM - Seismic mounting SLC - Sloped ceiling for aircraft cable NA - None

#### Stem

For a custom mounting, specify the options in the parentheses.

Example: STC(5NPC-36IN-W-STW-SLS)

STC()					
	NON-POWER CANOPY SIZE	STEM LENGTH	CANOPY FINISH	STEM COLOR	OPTIONS
STC	<b>5NPC</b> - Ø5" non-power canopy	<b>18IN</b> - 18" <b>36IN</b> - 36"	<b>W</b> - Matte white <b>AL</b> - Aluminum	STW - Matte white STAL - Aluminum	SLS - Sloped ceiling for stem NA - None
		#IN <sup>2</sup> - Specify length in inches <sup>2</sup> Minimum length is 6". Maximum length is 72". Stem is not field adjustable.	B - Matte black CF# - Custom finish, specify RAL#	STB - Matte black STCF# - Custom finish, specify RAL#	







# SQUERO ACOUSTIX LUMENWERX

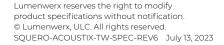
PENDANT CHROMAWERX - SOLA, DUO

### Standard Color Options















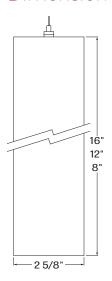
\*Please consult factory for more color options. \*Lead time may vary.



## LUMENWERX

PENDANT CHROMAWERX - SOLA, DUO

### Dimension

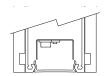


### Section Views

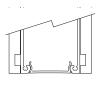
#### **DIRECT OPTICS**



MBPL, MPL & SPL Matte Black, Matte & Specular Parabolic Louver



HLO High-Efficiency Lambertian Optic

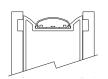


BLA Blank

#### **INDIRECT OPTICS**

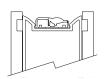


Widespread Indirect Optic



TIO Translucent Indirect Optic

Intertek



WAI2 Widespread Asymmetric Indirect Optic









# SQUERO ACOUSTIX LUMENWERX

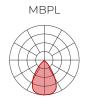
PENDANT

CHROMAWERX - SOLA, DUO

### Photometrics

Values calculated based on a 4ft fixture at 35K and 80 CRI for all optics.

#### **DIRECT OPTICS**



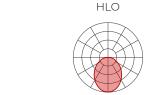
LM/FT	W/FT	LPW
350	5.2	67
500	7.5	66
750	11.7	64

SPL



LM/FT	W/FT	LPW
350	3.5	99
500	5.1	98
750	7.7	98
1000	10.6	95





LM/FT	W/FT	LPW
350	3.1	113
500	4.4	113
750	6.7	112
1000	9.1	109

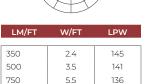


LM/F1	LM/FI VV/FI LPV	
350	3.1	112
500	4.6	108
750	7.3	103
1000	10.2	98

### INDIRECT OPTICS

1000





7.7

130



LM/FT	W/FT	LPW
350	2.8	127
500	4.0	124
750	6.3	119
1000	8.8	114



LM/FT	W/FT	LPW
350	2.5	139
500	3.7	135
750	5.8	130

#### DIRECT/INDIRECT - LPW CALCULATION

For Direct/Indirect performance values, follow the formula.

$$\frac{\left(\begin{array}{ccc} \text{DIRECT} \\ \text{LM/FT} \end{array} \right. + \left.\begin{array}{c} \text{INDIRECT} \\ \text{LM/FT} \end{array}\right)}{\left(\begin{array}{ccc} \text{DIRECT} \\ \text{W/FT} \end{array}\right. + \left.\begin{array}{c} \text{INDIRECT} \\ \text{W/FT} \end{array}\right)} = \text{LPW}$$





## LUMENWERX

PENDANT CHROMAWERX - SOLA, DUO

### Acoustic Calculator

Using the Lumenwerx Acoustix Value Calculator table, you can determine the number of acoustic luminaires required in a space by fixture type. We have three levels of recommended sound reduction: good, better, and best. Choosing one of these options will reduce the sound accordingly. The best option indicates the best acoustic improvement. Calculations are based on a standard ceiling height of 9



- $\bigcirc$  Calculate the square feet of your room (L x W).
- (2) Choose the level of acoustical improvement you are looking for, and find the corresponding value based on your room dimension and luminaire configuration.

% in reduction in reverberation time			
<b>:</b>	GOOD	25%	
⊕ ⊕	BETTER	40%	
000	BEST	50%	

		Room dimensions under 300 sq ft			Room dimensions over 300 sq ft		
LUMINAIRE	HEIGHT	GOOD	BETTER	BEST	GOOD	BETTER	BEST
	8"	19	9	6	29	15	10
4 Feet	12"	29	14	8	45	22	14
	16"	38	19	12	58	29	19
6 Feet	8"	28.5	13.5	9	43.5	22.5	15
	12"	43.5	21	12	67.5	33	21
	16"	57	28.5	18	87	43.5	28.5
8 Feet	8"	38	18	12	58	30	20
	12"	58	28	16	90	44	28
	16"	76	38	24	116	58	38

(3) Use the Lumenwerx Acoustix Value Formula to determine the number of luminaires needed in the room.

#### Square feet ÷ Value = Number of luminaires

#### Example:

Luminaires: Squero Acoustix, 4 ft long, 16" high Room square feet: L: 20 ft x W: 18 ft = 360 sq ft **Desired acoustical improvement:** Better = 29

Number of luminaires needed in the room: 360 ÷ 29 = 13 luminaires

- You can mix lit and blank fixtures
- Lumenwerx acoustic calculators were developed to act as a guide. For precise acoustic performance in a space, please consult an acoustician.











## LUMENWERX

PENDANT CHROMAWERX - SOLA, DUO

### Technical Specifications

#### DIRECT OPTICS

#### Parabolic Louvers (MBPL, MPL & SPL)

Parabolic Louver Optics provide excellent shielding and a pleasing crisp visual texture. The precisely molded louvers consist of 1" deep blades and side reflectors with shielding of 50° lengthwise and 45° crosswise.

The parabolic contour of the blades and side reflectors direct light into a comfortable downlight distribution with a spacing criterion of 1.1, while minimizing shadows from the LED array above each

Three finishes are available: matte black, matte, and specular. Specular (SPL) provides higher efficacy, sharper cut-off, and an ultra quiet appearance at shallow viewing angles. Matte (MPL) offers a softer appearance, a wider beam spread, and gentle brightness transition at cut-off. Matte black (MBPL) offers the highest UGR in Squero as the black parabolic louver is very quiet and glare free. The UGR is the best in class rating of under 10.







#### High-Efficiency Lambertian Optic (HLO)

The High-Efficiency Lambertian Optic (HLO) shielding of diffusing 0.075" thick acrylic with up to 88% transmission and good source obscuration is combined with matte white side reflectors to create an efficient optical chamber with uniform

Luminaire brightness is controlled by the flux-to-shielding area ratio. For visual comfort, avoid high lumen output unless Squero is installed in a high ceiling application. Spacing criteria: 1.2 (longitudinal) x 1.1 (lateral).



#### Blank (BLA)

Aluminum Blank covers provide spacing – functional or rhythmic - in the direct component of a Squero Combination luminaire. Covers are sized according to the Combination design, finished to match the luminaire housing, and snap into the aperture.



#### INDIRECT OPTICS

#### Widespread Indirect Optic (WIO2)

The Widespread Indirect Optic (WIO2) is a horizontal LED array with a widespread indirect micro prismatic optic that offers an impressive 160° spread. WIO2 creates an even illumination for smooth brightness on the ceiling that can achieve uniformity ratios of up to 2:1.

#### Uniformity [max/min]

Based on 18' continuous runs, in a 20' x 40' room, 10' wall height

Mounting height	Spacing (Center to center)		
from ceiling	8'	10'	12'
12"	5.5	10.0	9.0
18"	6.5	6.0	6.0
24"	2.5	4.0	4.5

#### **Translucent Indirect Optic (TIO)**

The Translucent Indirect Optic (TIO) is composed of a horizontal LED array that has a translucent lens to mask pixilation from the diodes. TIO has a 100° spread in the indirect that is ideal when the fixture is mounted farther away from the ceiling.

#### Widespread Asymmetric Indirect Optic (WAI2)

The Widespread Asymmetric Indirect Optic (WAI2) offers an upward grazing effect with a 45° forward throw. It softly highlights the ceiling in the up-light while distributing the required illumination of the rest of an interior space. For avoiding glare and enjoying visual comfort, WAI2 is an ideal solution.

#### LIGHT SOURCE

Custom linear array of alternating color temperature mid-flux LEDs are mounted directly to the housing for optimal thermal performance. For the Duo products, a color temperature range from 6500K-2700K is achievable with color points on or below the black body curve. For the Sola products, a color temperature range from 3500K-2200K is controlled synchronously with intensity. Color consistency between fixtures is maintained to within 3 SDCM. LEDs operate at reduced drive current to optimize efficacy and lumen maintenance.

All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.











## LUMENWERX

PENDANT CHROMAWERX - SOLA, DUO

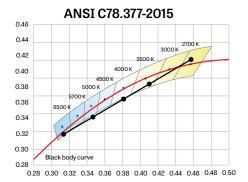
#### **CHROMAWERX**

#### Chromawerx SOLA

It is a single-channel control that dims output while warming the color temperature in a pre-determined relationship. A simple analog control sends a common signal to dual output digital drivers, which are programmed to adjust a specially populated LED array to emulate the effect of dimming a filament source. Dimming range is programmable but the default option runs from 3500K at 100% of full power to 2200K at 5% of full power. CRI is maintained above 80 throughout the dimming range.

#### Chromawerx DUO

It is a two-channel control. It uses an analog (0-10V) protocol for separate control of luminaire CCT and intensity or a digital (DMX, DALI and PSQ0) protocol for synchronous control of both warm and cool LED arrays to enable the user to set color temperature and light output. Commonly called "tunable white", Chromawerx two-channel control provides the range of cool (6500K) to warm (2700K) color that can be useful for helping to entrain circadian rhythms, stimulate alertness for improved educational and work productivity, and compensate for jet lag, among other applications. The Chromawerx drivers are programmed to limit maximum light output and power usage across all color temperatures. CRI is maintained above 80. When paired with DALI drivers (DDA/DDA8), color tuning follows a linear dimming curve.





WELL for Light - The WELL building standard focuses on light quality in several features. There are three categories that are fully attributed to the constriction and features of a luminaire. In WELL V1, it's Feature 54 Circadian Lighting, Feature 55 Glare Control, and Feature 58 Color Quality. In WELL V2, it's Feature L03 Circadian Lighting, Feature L04 Glare Control, and Feature L07 Electric Light Quality.

This fixture meets Features:

- Feature 54 or L03 when DUO is selected
- Feature 55 or L04 meets WELL glare category (a-b-c-d)
- Feature 58 or L07 when 90CRI is selected

All LED drivers used at Lumenwerx are deemed to have a low risk level of flicker, of 5 % or less below 90Hz operational as defined by IEEE standard 1789-2015 LED.



WELL for Sound - This luminaire is recommended for use as an acoustical absorption surface to limit reverberation times (RT) in a given space. This luminaire contributes to noise reduction and vibration dampening to promote focus and concentration. Reverberation needs to be calculated in each space based on the materials used.



WELL for Mind -This luminaire meets WELL for mind as it is a human centric luminaire offering quality light, excellent color, and smooth optics. If any of these features are incorporated in a luminaire, it can improve the ability to focus, concentrate, and persist longer on a given task. This fixture harmoniously operates in a space to assist the mind.

For more information, please contact well@lumenwerx.com

#### LUMINAIRE LENGTH

Squero Acoustix is made up of standard 4, 6, and 8 foot sections that may be joined together to create longer continuous run lengths. Exact run length must be noted in the product code. The minimum individual section available is 4 feet, and continuous run lengths can be ordered in 4, 6, or 8 foot sections. All individual sections are joined together onsite using the joiner kits provided. Lumenwerx offers joiner kits that are extremely simple to work with in the field and result in a fixture that appears virtually seamless with no light leak at any connection.









## LUMENWERX

#### PENDANT

### CHROMAWERX - SOLA, DUO

#### ELECTRICAL

#### **SOLA**

#### SDI

Factory-set, adjustable output current LED driver with universal (120-277VAC) input. Using a single 0-10V control signal, the light output warms in color temperature as it dims down to 1% and 2200K. At maximum driver load, efficiency<86%, PF>0.9, THD<20%.

#### DUO

#### DMX

Factory-set adjustable output current electronic driver with 120-277V AC line input. Using DMX wall controls (optionally supplied by Lumenwerx) or an existing DMX control system, both channels of LEDs are independently adjustable. Each DMX driver can be independently addressed using the built-in RDM (Remote Device Management) in the field. Dimming down to 1% is attainable. Rated life (90% survivorship) of 50,000 hours at 50°C maximum ambient temperature. At maximum driver load, efficiency<84%, PF>0.9, THD<20%.

#### DALI

Factory-set adjustable output current electronic driver with 120-277V AC line input. Using an existing DALI control system (supplied by others), one control channel adjusts the fixture color temperature, and the other control channel adjusts fixture brightness. With DALI Type 6, two DALI addresses are required to control both channels. With DALI Type 8, one DALI address is required to control both channels. Dimming down to 1% is attainable. Rated life (90% survivorship) of 50,000 hours at 50°C maximum ambient temperature. At maximum driver load, efficiency<84%, PF>0.9, THD<20%.

#### DD1

Factory-set adjustable output current LED driver with universal (120-277VAC) input. Controlled via two individual 0-10V signals, one for setting light output down to a minimum of 1% and the other for adjusting the CCT (default range of 6500K-2700K). Rated life of 50,000 hours at 70°C maximum driver case temperature and 100% load conditions. Typical efficiency of 86%, PF>0.9, THD<20% at 100% load conditions.

#### PSQ0

Lutron T-Series 2-Channel tunable white drivers enable highperformance human centric lighting (HCL) applications. Digital control of color temperature (CCT) and intensity are achieved when used with the ESN T-Series tunable white controller as a part of a Lutron Quantum System.

#### PoE

Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, Duo (tunable white), emergency battery backup, and sensor integration. These must be addressed and evaluated on a caseby-case basis.

#### MOUNTING OPTIONS

Fixtures can be pendant-mounted, using aircraft cables, or stemmounted. Unless otherwise specified, Lumenwerx provides the following hardware:

Standard aircraft cable option (ACS) - Canopies are white, Ø5" for power canopy, Ø3" for non-power. Power cord is black for black fixtures, and white for all other fixture finishes. Aircraft cable length is 36".

Standard stem option (STS) - Canopies are white, Ø5" for both power and non-power. Stem finish is the same color as fixture. Stem length is 18". Stem is not field adjustable.

Caddy clips, if required specify under OPTIONS For all other options, see the mounting code on page 3.

Interior - 95%, reflective matte powder coated white paint Exterior - Matte white, matte black, or aluminum powder coating. Custom finishes are also available.

#### ACOUSTIC FINISH

Material is 100% polyester containing up to 50% of recycled plastic bottles (PET) with an ASTM E-84 Class A fire rating and is moisture resistant.

Remove dust and debris by wiping down with a clean, dry or damp, soft, lint-free cloth, or vacuum.

#### CONSTRUCTION

Housing - Extruded aluminum (0.100" nominal) up to 90% recycled content

Interior brackets - Die formed cold rolled sheet steel 10 gauge

Joining system - Die cast aluminum

Louvers - Injection molded optical grade polycarbonate (0.100" nominal) up to 95% reflective

Light guide - Clear PMMA laminated with microstructure film formed into optical TIR/extraction form

End caps - Die cast aluminum (0.125" nominal)

Hanger - Chromed griplock securely attached in end caps and/or joiners with stainless steel hardware

Aircraft cable suspension - 7x7 braids stainless steel air craft cable 0.05" thick

Stem - 0.5" diameter threaded steel tube matte white or aluminum powder coating. Custom finishes are also available.











## LUMENWERX

PENDANT CHROMAWERX - SOLA, DUO

#### WEIGHT

	Direct/Indirect	Direct
4ft	21.5 lbs - 9.75 kg	12.57 lbs - 5.70 kg
6ft	32.25 lbs - 14.62 kg	25.14 lbs - 11.40 kg

#### **ENVIRONMENT**

Ambient temperature at fixture location shall not exceed 30°C/86°F. For indoor use only.

#### CERTIFICATION

ETL - Rated for Indoor Dry/Damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

#### WARRANTY

Lumenwerx provides a five-year limited warranty on electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.









# DUERO ACOUSTIX

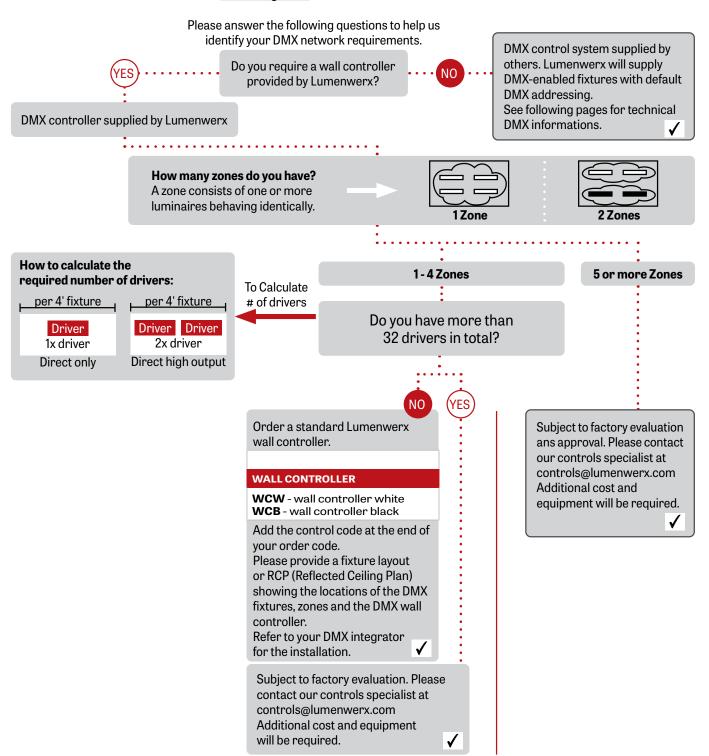
## LUMENWERX

PENDANT

CHROMAWERX - SOLA, DUO

### **DUO DMX SPECIFICATION**

A qualified DMX integrator is required to assure proper installation and commissioning of the DMX network. When placing the PO, please provide the contact information of your DMX integrator.











PENDANT CHROMAWERX - SOLA, DUO

#### GENERIC DMX NETWORK ARCHITECTURE Network & control **DMX PROTOCOL** Lumenwerx supplied **CONSIDERATIONS:** DMX controller by others DMX drivers/fixtures must be daisy chained. Maximum 32 drivers per DMX run. The end of the line must be terminated First DMX enabled fixture by a 120 $\Omega$ resistor supplied by Lumenwerx DMX IN DMX Controls J-Box **DMX OUT** Driver Driver Electrical J-Box 120/277V 2 Wire + Shield LOW CAP CABLE Next DMX enabled fixture supplied by Lumenwerx DMX IN DMX Controls J-Box DMX OUT Driver Driver Electrical J-Box 120/277V 2 Wire + Shield LOW CAP CABLE Last DMX enabled fixture supplied by Lumenwerx max 32 drivers per run **DMX IN** DMX Controls J-Box **DMX OUT** Driver Driver Electrical J-Box 120/277V 120 OHM **END OF LINE** RESISTOR





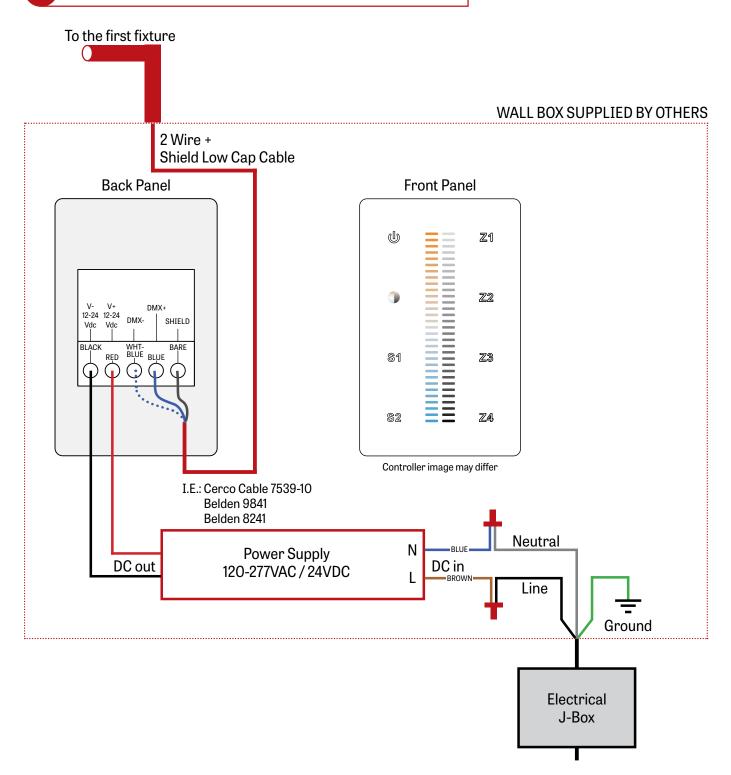




## QUERO ACOUSTIX LUMENWERX

PENDANT CHROMAWERX - SOLA, DUO

## LUMENWERX SUPPLIED DMX CONTROLLER







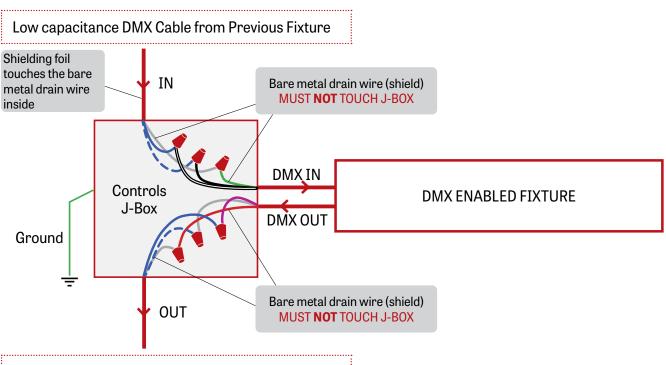




## QUERO ACOUSTIX LUMENWERX

PENDANT CHROMAWERX - SOLA, DUO

J-BOX DMX DAISY CHAIN DETAIL



Low capacitance DMX cable to next fixture

**DMX CONNECTION PENDANT & WALL** 











# RO ACOUSTIX

## LUMENWERX

PENDANT CHROMAWERX - SOLA, DUO

DMX LAST FIXTURE DETAIL **END OF LINE** From other fixtures RESISTOR 120 OHM Last DMX OUT DMX IN S CAP OFF SHIELD **DMX** + = Blue **DMX** - = White-Blue Shield = Bare metal Driver DMX LAST FIXTURE OF THE DMX NETWORK MAX 32 DRIVERS PER DMX RUN DMX + SHIELD LED output 0 0 DMX ENABLED FIXTURE 









## LUMENWERX

PENDANT CHROMAWERX - SOLA, DUO

### **DMX WALL CONTROLLER**

**DUO 1-4 ZONE**  $\mathbb{Z}1$ 4  $\mathbb{Z}2$ \$1  $\mathbb{Z}3$ 3 **Z**4 \$2

(1) Power: Use this button to turn ON or OFF the fixture.

Use the color/brightness toggle button to choose between color/brightness. When Blue: brightness is selected, when (2) Brightness/CCT:

Yellow: color is selected.

Depending on the mode chosen in step 2, the slider will allow (3) Slider:

the user to set desired color or brightness.

(4) Zone select: Up to 4 zones can be selected either independently or together. Once selected, the commands will be sent to the zone identified

by a Blue LED.

**Default DMX Addresses:** 

1Warm 2 Cool





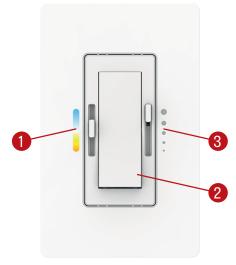


# QUERO ACOUSTIX LUMENWERX

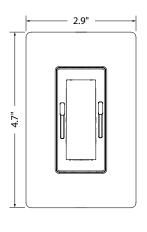
PENDANT CHROMAWERX - SOLA, DUO

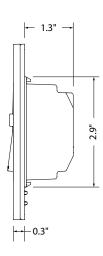
### **DUAL 0-10V WALL CONTROLLER**

### Front Panel



### **Dimensions**





Controller image may differ

(1) CCT control: Use this button to adjust the color temperature.

(2) On/Off switch: Use this button to turn ON or OFF the fixture.

(3) Dimming control: Use this button to adjust the brightness.

### Wiring Diagram

