TOGO

ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

Project: _____

Type: _____

Section View

3/16"

4.00"

19 7/8"
31 3/8"
43 3/4"
2 1/8"
24 1/8"
35 5/8"
48 "

Togo Acoustix provides generous ambient illumination from a minimal and elegant ring form. Nestled in a crisp 4" high opaque band, the distinctive, annular diffuser glows inwardly. The diffuser's softly rounded compound curve lends Togo Acoustix a slender appearance. Available in 24", 36" and 48" diameters. Togo's outer housing of extruded aluminum is welded and buffed to a seamless band that can be painted in a variety of standard finishes, or an RAL custom color, to coordinate with virtually any interior finish. The Togo driver mounts remotely, either above or below the ceiling. In addition to a conventional power cord, Togo Acoustix also offers an ultra-clean mounting detail with integrated power and suspension cables. Togo Acoustix is available in Chromawerx SOLA, DUO and QUADRO. Static White is also available, see separate spec sheets.

Order Guide

LUMINAIRE ID	SIZE	OPTICS	LIGHT SOURCE	CRI	LUMEN PACKAGES				VOLTAGE
TOGOACOP		**ULO**		**90**					

LUMINAIRE ID	SIZE	OPTICS	LIGHT SOURCE	CRI	LUMEN PACKAGES				VOLTAGE
TOGOACOP - Togo Acoustix Pendant	**24** - 24" diameter **36** - 36" diameter **48** - 48" diameter	**ULO** - Uniform Lambertian Optic	**DUO** - Tunable white 2-channel control 27K to 65K **SOLA** - Dim-to-warm single-channel control 22K to 35K **QUADRO** - four-channel RGB with 3500K/90CRI	**90** - 90CRI	**SIZE** Ø 24* Ø 36* Ø 48*	**SOLA & DUO*** Low / Medium / High L2500lm / M3500lm / H4500lm L3800lm / M5300lm / H6800lm L5000lm / M7000lm / H9000lm		**QUADRO*** **27W** - 27W output **40W** - 40W output **54W** - 54W output	**120** -120V **277** - 277V **UNV** - 120V-277V

*2 power cords will be required for lumen packages over 4500lm.

DRIVER	ELECTRICAL	POWER/MOUNTING
	1	

		DRIVER BOX	CANOPY FINISH	POWER	MOUNTING POINTS	HEIGHT
SOLA **DA*** - DALI **0-10V** - Single 0-10V input **DUO** **DA*** - DALI **0-10V** - Dual 0-10V input for CCT/Intensity **DMX*** - DMX with remote driver only (to specify see pages 8 to 16) **QUADRO** **DMX*** - DMX with remote driver only (to specify see pages 8 to 16) *On-site commissioning is required.	**1** - 1 circuit	**RCD -** Round canopy driver box* **RDB -** Remote driver box * RCD is NOT available for lumen packages over 6000lm (3500lm for Lutron drivers).	**AL -** Aluminum **B -** Matte black **W -** Matte white **CF#** - Custom finish specify RAL#	**BAC -** Black power cord + aircraft cable **WAC -** White power cord + aircraft cable For more information see page 3.	**1C -** 1 canopy **3C -** 3 canopies **4C -** 4 canopies	**##IN*** - Distance from the canopy to the fixture in inches * For **1 canopy** option, the minimum mounting heights are:

Fixture size	Round canopy driver box	Remote driver box
Ø 24"	min 17.5"	min 18.5"
Ø 36"	min 26.75"	min 29"
Ø 48"	min 37"	min 39.25"

FIXTURE FINISH	FELT COLOR	DMX WALL CONTROLS (OPTIONAL)

FIXTURE FINISH

AL - Aluminum
W - Matte white
BK - Black
RAL 1028 - Yellow
RAL 2004 - Orange
RAL 3020 - Red
RAL 4010 - Magenta
RAL 5002 - Blue
RAL 6018 - Green
CF# - Custom finish, specify RAL#

FELT COLOR

STANDARD COLORS

FWN	LVN
FON	LEN
ION	CYN
TBN	PMN
MDN	FGN

PREMIUM COLORS*

PKN	CDN	IVN	BHN
OGN	LCN	SLN	CFN
LNN	SYN	CNN	GRN
LMN	BLN	GHN	MON
EGN	NVN	CLN	ESN

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

DMX WALL CONTROLS (OPTIONAL)

DUO
WCW - Wall controller white
WCB - Wall controller black

QUADRO
WC1W - Wall controller 1 white
WC1B - Wall controller 1 black
WC2W - Wall controller 2 white
WC2B - Wall controller 2 black

To specify see pages 8 to 16.

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WELL   WELL

TOGO

ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

Standard Color Options
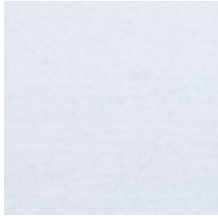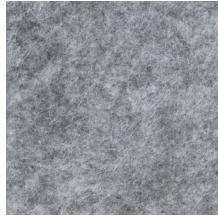
FWN - FROST WHITE
FON - FOG
ION - IRON
TBN - TRUE BLACK
MDN - MIDNIGHT BLUE
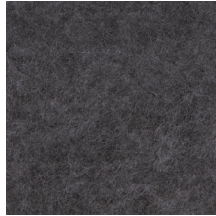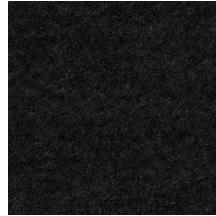
LVN - LAVENDER
LEN - LATTE
CYN - CHERRY
PMN - PLUM
FGN - FOREST GREEN

Premium Color Options*

PKN - PAPRIKA
OGN - ORANGE
LNN - LEMON
LMN - LIME
EGN - EVERGREEN

CDN - CLOUDY
LCN - LICHEN
SYN - SKY
BLN - BLUEBERRY
NVN - NAVY
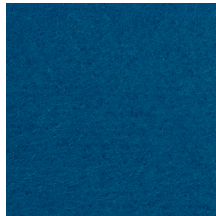
IVN - IVORY
SLN - STEEL
CNN - CARBON
GHN - GRAPHITE
CLN - CHARCOAL
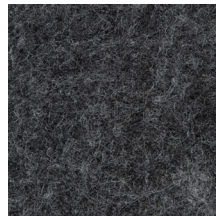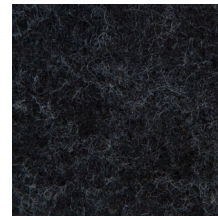
BHN – BLUSH
CFN - CAFÉ
GRN - GREIGE
MON - MOCHA
ESN - ESPRESSO

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

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ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

Mounting Options

Togo Acoustix Chromawerx uses suspension cables plus a jacketed power cord.

REMOTE DRIVER BOX IN DRYWALL

REMOTE DRIVER BOX IN GRID
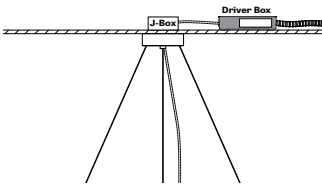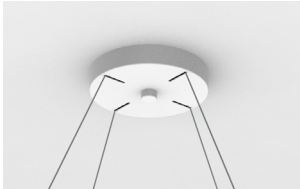
RDB - Remote driver box for drywall - driver is in a 26"x4"x5.5" enclosure with brackets for mounting to ceiling joists or other supporting members. The 5 1/2" diameter x 1 5/8" deep wiring compartment canopy conceals and supports suspension and power cables. It is available in standard finishes (see ordering code).
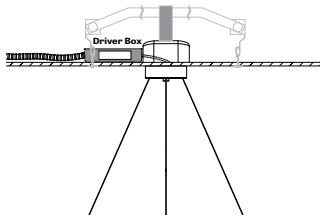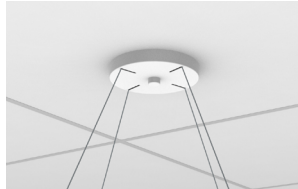
RDB - Remote driver box for grid ceiling - driver is in a 26"x4"x5.5" enclosure with brackets for mounting to ceiling runners. The 5 1/2" diameter x 1 5/8" deep wiring compartment conceals and supports suspension and power cables.
*Additional anchor support(s) not included.

WELL   WELL

TOGO

ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

Project: _____

Type: _____

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 feet.

① 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		
☺ GOOD	25%
☺☺ BETTER	40%
☺☺☺ BEST	50%

SIZE	Room dimensions under 300 sq ft			Room dimensions over 300 sq ft		
	GOOD ☺	BETTER ☺☺	BEST ☺☺☺	GOOD ☺	BETTER ☺☺	BEST ☺☺☺
24"	18	9	6	28	14	9
36"	42	20	14	65	32	22
48"	75	38	25	120	59	41

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: Togo Acoustix, 48" diameter
Room square feet: L: 20 ft x W: 18 ft = 360 sq ft
Desired acoustical improvement: Better = 59
Number of luminaires needed in the room: 360 ÷ 59 = **7 luminaires**

NOTES:
- 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.

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TOGO

ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

Project: _____

Type: _____

Technical Specifications

OPTICS

Uniform Lambertian Optic (ULO) - thermoformed from impact-modified white PMMA, the ULO optic provides even luminosity, with up to 88% transmission.

Combined with the LED array running around the inside of the supporting band, the annular form and ULO optic create a widespread 67% direct light distribution with spacing criteria of 1.6.
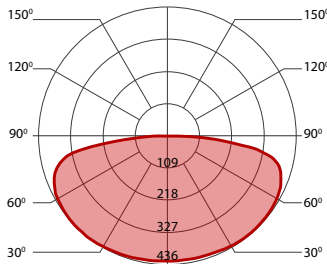
CHROMAWERX

CHROMAWERX - SOLA and DUO

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 2700K - 6500K is achievable with color points on or below the black body curve. For the SOLA products, a color temperature range from 2200K - 3500K is controlled synchronously with intensity. Color consistency between fixtures is maintained within 3 SDCM. LEDs are operated at a 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 are greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

Chromawerx SOLA 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 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) 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 warm (2700K) to cool (6500K) 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.

ANSI C78.377-2015
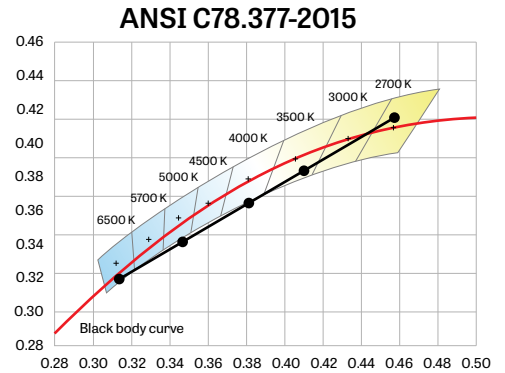
CHROMAWERX

CHROMAWERX - RGBW

Chromawerx QUADRO is a four-channel control that operates an RGBW LED array and addresses the need for more expressive color in architectural applications. The DMX driver supports familiar programming tools for both dynamic multi-hued color and precise white color point control. While a typical user interface will be a DMX controller by others, Lumenwerx also offers a simple control station for stand-alone color changing applications.

3737 Cote Vertu St-Laurent, Quebec, Canada H4R 2C9
T (514) 225-4304 F (514) 931 -4862
www.lumenwerx.com

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ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

Project: _____

Type: _____

ELECTRICAL REMOTE

All remote drivers are furnished with factory enclosure for recessed installation in drywall and grid ceilings.

0-10V (SOLA and DUO):

Driver features factory-set adjustable output current with 120-277V AC line input. Dimmable from 100% to 1%. Rated life (90% survivorship) is 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. 0-10V 1% Driver performance at maximum load, efficiency > 84%, Power Factor > 0.9, THD < 20%.

DALI (SOLA and DUO):

Factory-set, adjustable output current LED driver with universal (120-277VAC) 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. Dimming range from 100%-0%. At maximum driver load, efficiency<86%, PF>0.9, THD<20%.

DMX (QUADRO and DUO):

Factory-set, adjustable output current, multi-channel LED driver with universal (120-277VAC) input. Using DMX wall controls (optionally supplied by Lumenwerx) or an existing DMX control system, either two channels of LEDs (warm-white & cool-white) for DUO or four channels of LEDs (Red/Green/Blue/White) for QUADRO are independently adjustable. Each DMX driver has multiple output channels that can be independently addressed at the factory or on-site using built-in RDM (Remote Device Management) functionality. Dimming range from 100%-0%. At maximum driver load, efficiency<89%, PF>0.9, THD<20%.

WEIGHT

Togo Acoustix 24 - 8.05lbs - 3.65kg
Togo Acoustix 36 - 12.08lbs - 5.48kg
Togo Acoustix 48 - 16.1lbs - 7.30kg

CONSTRUCTION

Housing - Rolled and seamlessly welded aluminum extrusion, wide variety of colored powder coating
Diffuser - Uniform Lambertian optic, co-extruded flexible polycarbonate satine finished lens.

FINISH

Interior - 95% reflective, matte white powder coating
Exterior - side trim is offered in a range of vibrant color powder coatings

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.

CARE

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

ENVIRONMENT

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

CERTIFICATIONS

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

WARRANTY

Lumewerx provides a five-year limited warranty of 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. Wall controllers are covered by the manufacturer warranty.

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TOGO
ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

WELL for Light - The WELL building standard focuses on light quality in several features. There are three categories that are fully attributed to the construction 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 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 (SOLA and DUO only) -This luminaire meets WELL for mind as it is a human centric luminaire offering quality light, excellent color, smooth optics, and a sound diminishing element. 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.

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WELL   WELL

TOGO
ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

Project: _____

Type: _____

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.**

Please answer the following questions to help us identify your DMX network requirements.

YES .... **Do you require a wall controller provided by Lumenwerx?** .... NO .... DMX control system supplied by others. Lumenwerx will supply DMX-enabled fixtures with default DMX addressing.
See following pages for technical DMX informations. ✓

DMX controller supplied by Lumenwerx

How many zones do you have?
A zone consists of one or more luminaires behaving identically.

1 Zone   **2 Zones**

How to calculate the required number of drivers:

per 4' fixture	per 4' fixture
Driver	Driver Driver
1x driver	2x driver
Direct only	Direct high output

To Calculate # of drivers

1 - 4 Zones   **5 or more Zones**
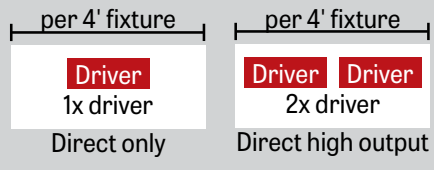
Do you have more than 32 drivers in total?

NO   YES

Order a standard Lumenwerx wall controller.

WALL CONTROLLER

WCW - wall controller white
WCB - wall controller black

Add the control code at the end of your order code.
Please provide a fixture layout or RCP (Reflected Ceiling Plan) showing the locations of the DMX fixtures, zones and the DMX wall controller.
Refer to your DMX integrator for the installation. ✓

Subject to factory evaluation. Please contact our controls specialist at controls@lumenwerx.com Additional cost and equipment will be required. ✓

Subject to factory evaluation ans approval. Please contact our controls specialist at controls@lumenwerx.com Additional cost and equipment will be required. ✓

Intertek

WELL   WELL

TOGO

ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

Project: _____

Type: _____

QUADRO 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.**

Please answer the following questions to help us identify your DMX network requirements.
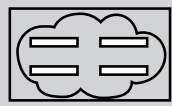
YES .... Do you require a wall controller provided by Lumenwerx? .... **NO**
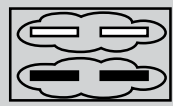
DMX controller supplied by Lumenwerx

> DMX control system supplied by others. Lumenwerx will supply DMX-enabled fixtures with default DMX addressing.
> See following pages for technical DMX informations. ✓

How many zones do you have?
A zone consists of one or more luminaires behaving identically. → **1 Zone** | **2 Zones**

How to calculate the required number of drivers:

per 4' fixture	per 4' fixture
Driver	Driver / Driver
1x driver	2x driver
Less than 12.5W/ft, direct only	Above 12.5W/ft or for all direct/indirect fixture

To Calculate # of drivers ←

1 Zone	2 to 3 Zones	4 or more Zones

Do you have more than 32 drivers in total?

NO | **YES**

Order a standard Lumenwerx wall controller <u>type 1</u>.

WALL CONTROLLER
WC1W - Single zone wall controller white
WC1B - Single zone wall controller black

Add the control code at the end of your order code.
Please provide a fixture layout or RCP (Reflected Ceiling Plan) showing the locations of the DMX fixtures, zones and the DMX wall controller.
Refer to your DMX integrator for the installation. ✓

> Subject to factory evaluation. Please contact our controls specialist at controls@lumenwerx.com Additional cost and equipment will be required. ✓

NO | **YES**

Order a standard Lumenwerx wall controller <u>type 2</u>.

WALL CONTROLLER
WC2W - 3 zone wall controller white
WC2B - 3 zone wall controller black

Add the control code at the end of your order code.
Please provide a fixture layout or RCP (Reflected Ceiling Plan) showing the locations of the DMX fixtures, zones and the DMX wall controller.
Refer to your DMX integrator for the installation. ✓

> Subject to factory evaluation. Please contact our controls specialist at controls@lumenwerx.com Additional cost and equipment will be required. ✓

> Subject to factory evaluation ans approval. Please contact our controls specialist at controls@lumenwerx.com Additional cost and equipment will be required. ✓

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TOGO

ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

Project: _____

Type: _____

GENERIC DMX NETWORK ARCHITECTURE

Lumenwerx supplied DMX controller

Network & control by others

DMX PROTOCOL CONSIDERATIONS:
DMX drivers/fixtures must be daisy chained.
Maximum **32 drivers** per DMX run.
The end of the line must be terminated by a 120 Ω resistor

①

② Controls J-Box

First DMX enabled fixture supplied by Lumenwerx ③

DMX IN
DMX OUT

DMX
Driver   Driver
120/277V

Electrical J-Box

2 Wire + Shield LOW CAP CABLE

② Controls J-Box

Next DMX enabled fixture supplied by Lumenwerx ③

DMX IN
DMX OUT

DMX
Driver   Driver
120/277V

Electrical J-Box

2 Wire + Shield LOW CAP CABLE

② Controls J-Box

Last DMX enabled fixture supplied by Lumenwerx max 32 drivers per run ③

DMX IN
DMX OUT

DMX
Driver   Driver
120/277V

Electrical J-Box

④ 120 OHM END OF LINE RESISTOR

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TOGO

ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

1 LUMENWERX SUPPLIED DMX CONTROLLER

To the first fixture

WALL BOX SUPPLIED BY OTHERS

2 Wire +
Shield Low Cap Cable

Back Panel

V-
12-24
Vdc

V+
12-24
Vdc

DMX-

DMX+

SHIELD

BLACK

RED

WHT-
BLUE

BLUE

BARE

Front Panel

⏻

Z1

Z2

S1

Z3

S2

Z4

Controller image may differ

I.E.: Cerco Cable 7539-10
Belden 9841
Belden 8241

Power Supply
120-277VAC / 24VDC

N

L

DC out

DC in

BLUE

BROWN

Neutral

Line

Ground

Electrical
J-Box

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TOGO

ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

Project: _____

Type: _____

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1 LUMENWERX SUPPLIED DMX CONTROLLER

To the first fixture

WALL BOX SUPPLIED BY OTHERS

2 Wire +
Shield Low Cap Cable

Back Panel

V-
12-24
Vdc

V+
12-24
Vdc

DMX-

DMX+

SHIELD

BLACK

RED

WHT-BLUE

BLUE

BARE

I.E.: Cerco Cable 7539-10
Belden 9841
Belden 8241

Front Panel

S1   S2   S3

Controller image may differ

DC out

Power Supply
120-277VAC / 24VDC

N — BLUE — Neutral

DC in

L — BROWN — Line

Ground

Electrical J-Box

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WELL   WELL

TOGO
ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

Project: _____

Type: _____

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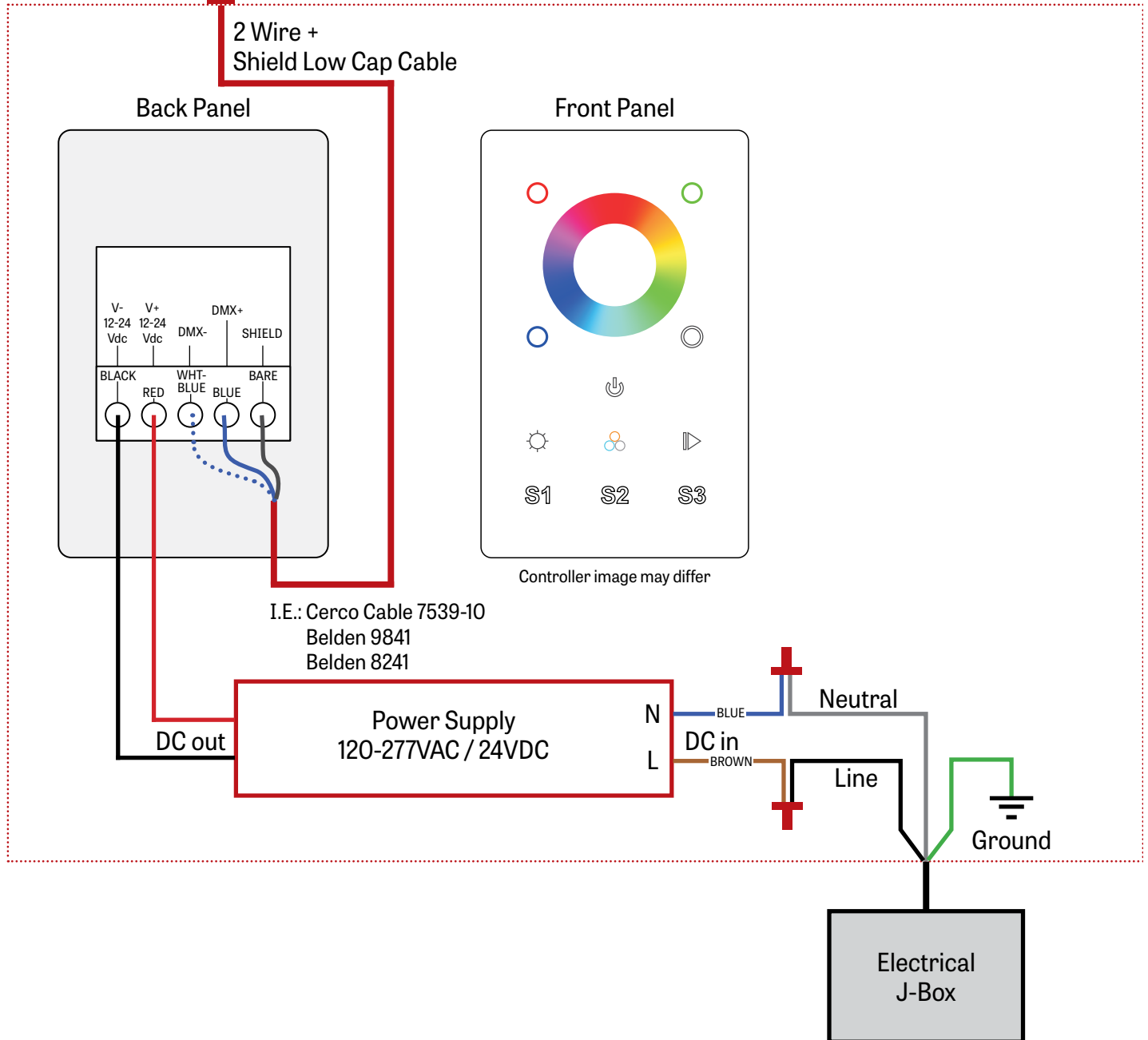
2 J-BOX DMX DAISY CHAIN DETAIL

Low capacitance DMX cable from previous fixture

Shielding foil touches the bare metal drain wire inside

IN

Bare metal drain wire (shield) MUST **NOT** TOUCH J-BOX

DMX IN

DMX ENABLED FIXTURE

Controls J-Box

DMX OUT

Ground

Bare metal drain wire (shield) MUST **NOT** TOUCH J-BOX

OUT
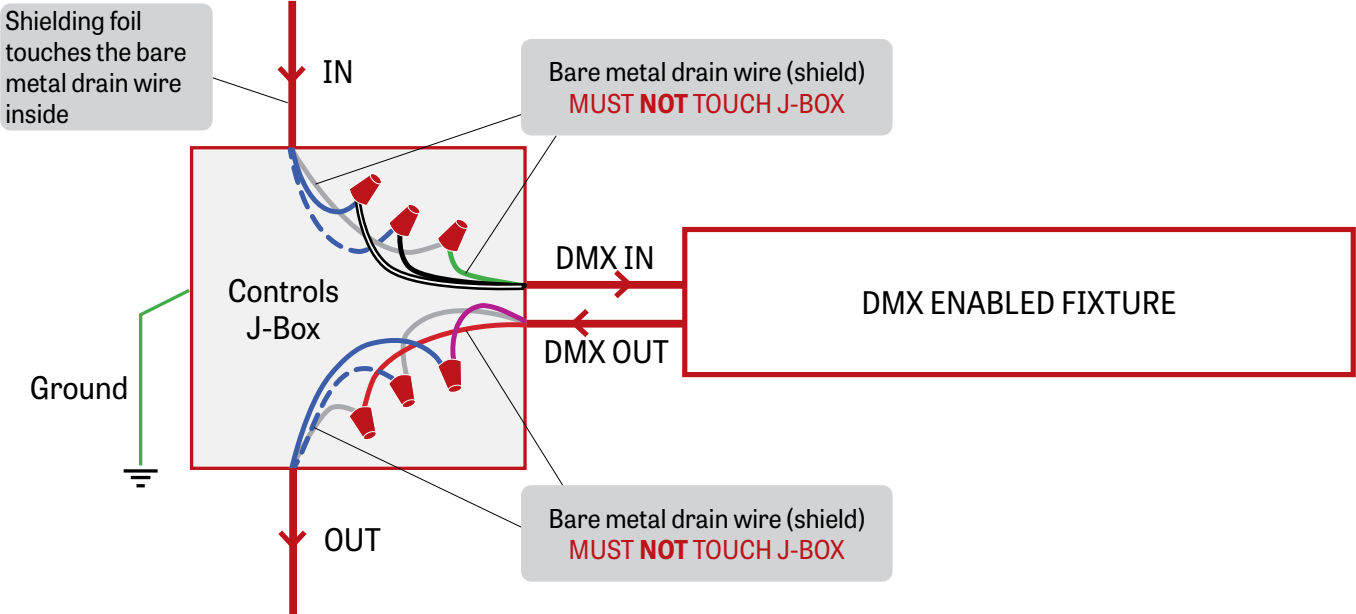
Low capacitance DMX cable to next fixture

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3 DMX CONNECTION PENDANT & WALL

DMX

IN
+ - s
green
black
white

OUT
+ - s
red
grey
purple

POWER

LINE VOLTAGE
white
black
green

N L G

DMX ENABLED FIXTURE

DMX

PWR

c ETL us LISTED
Intertek

WELL   WELL

TOGO

ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX
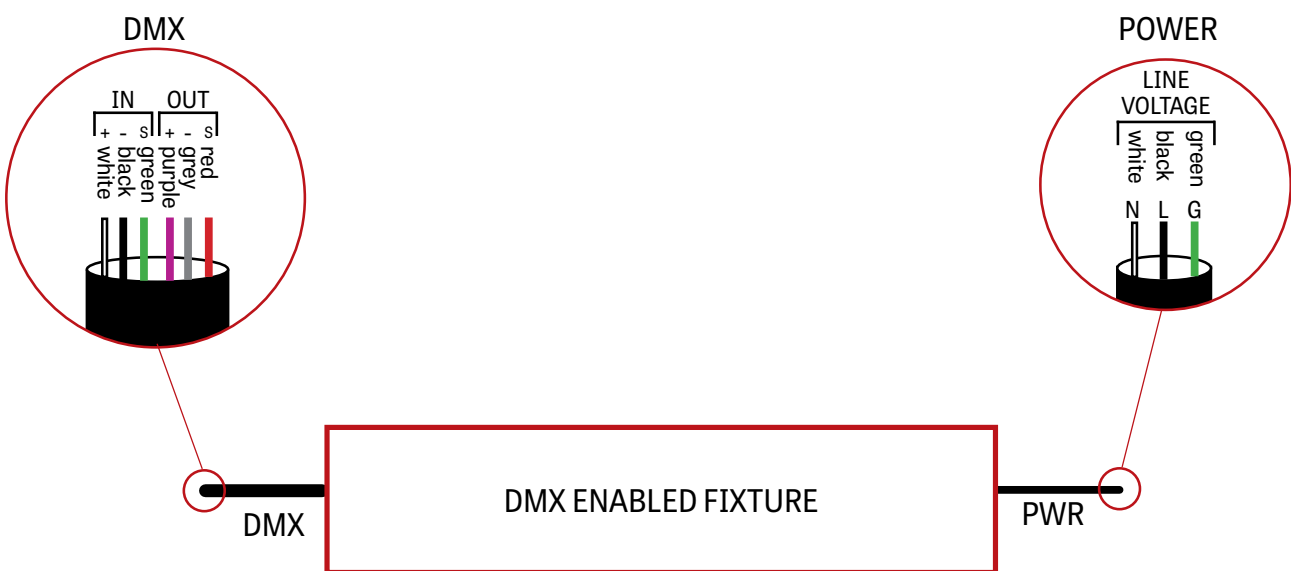
Project: _____

Type: _____

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4 DMX LAST FIXTURE DETAIL

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120 OHM
END OF LINE
RESISTOR

CAP
OFF SHIELD

+
−
Last DMX OUT
S

DMX IN
From other fixtures
+
−
S

DMX + = Blue
DMX − = White-Blue
Shield = Bare metal

DMX
Driver

DMX +
DMX −
SHIELD

LAST FIXTURE OF THE DMX NETWORK
MAX 32 DRIVERS PER DMX RUN

LED output

DMX ENABLED FIXTURE

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c ETL us
LISTED
Intertek

WELL   WELL

TOGO

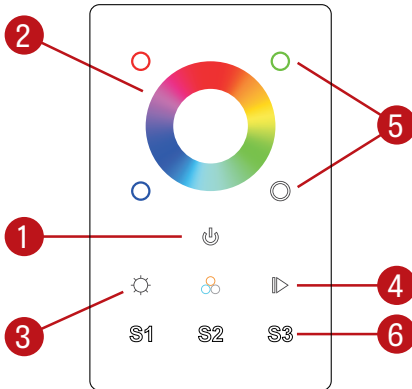ACOUSTIX - CHROMAWERX DUO,
SOLA AND QUADRO
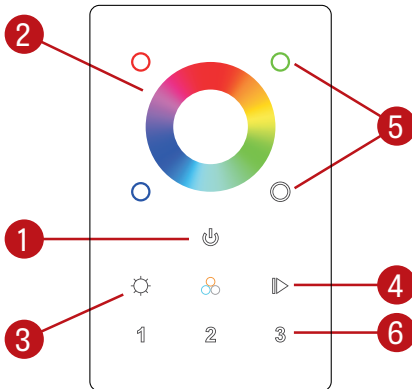
LUMENWERX
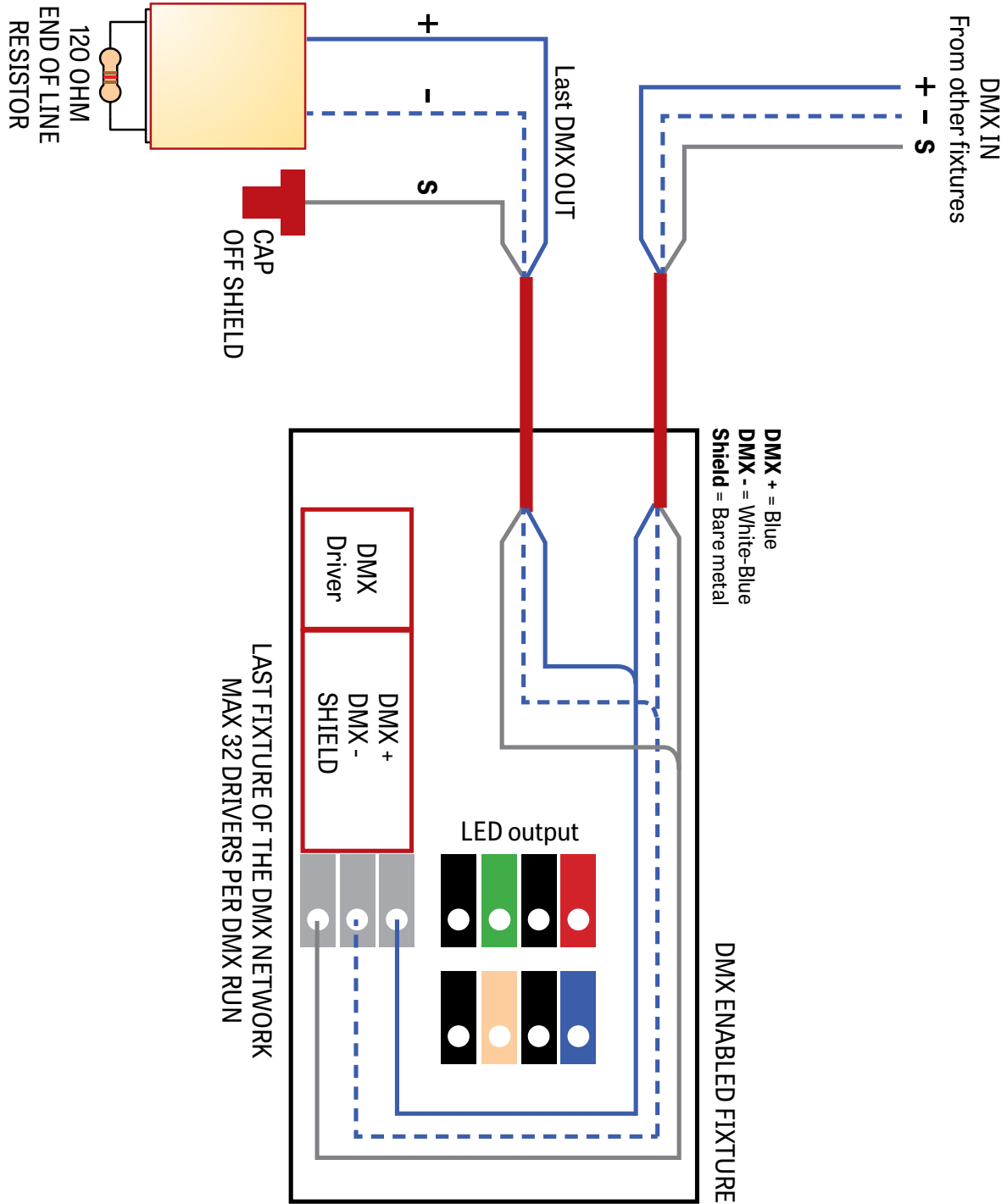
Project: _____

Type: _____

DMX WALL CONTROLLER

WC1

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

(2) Color Wheel: The wheel is used to rapidly select a color (RGB colors only).

(3) Brightness (RGB): Hold down this button to either increase or decrease the brightness of the current RGB selection. White will not be affected by the RGB brightness button.

(4) Color Cycle: This button will start an animation, rotating between Reds Greens and Blues, the arrows allow the user to speed up or slow down the animation.

(5) Individual Colors: By pressing and holding a color it will be possible to brighten or dim it. Quickly pressing a color will turn it OFF or turn it ON to its previous dim level.
White: In order to activate or deactivate and dim the White channel, the White button needs to be used.

(6) Scenes: By holding down one of the scenes button, the current color selection is saved. It can be later accessed by quickly pressing on one of the Scene buttons.

WC2

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

(2) Color Wheel: The wheel is used to rapidly select a color (RGB colors only).

(3) Brightness: Hold down this button to either increase or decrease the brightness of the current RGB selection. White will not be affected by the RGB brightness button.

(4) Color Cycle: This button will start an animation, rotating between Reds Greens and Blues, the arrows allow the user to speed up or slow down the animation.

(5) Individual Colors: By pressing a color it will be possible to brighten or dim that specific color.
White: In order to activate or deactivate and dim the White channel, the White button needs to be used.

(6) Zone: By holding down one of the zone buttons, a zone can be selected and controlled.
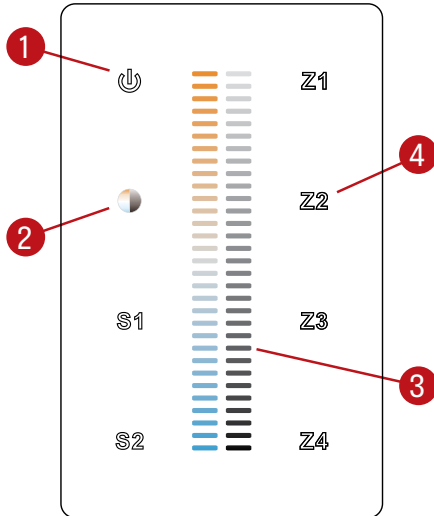
Default DMX Addresses:
1 Red
2 Green
3 Blue
4 White

c ETL us LISTED
Intertek

WELL   WELL

TOGO

ACOUSTIX - CHROMAWERX DUO, SOLA AND QUADRO

LUMENWERX

Type:

DMX WALL CONTROLLER

DUO 1-4 ZONE

Default DMX Addresses:
1 Warm
2 Cool

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

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

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

WELL **WELL**