CELLA 2"

PENDANT, SURFACE

Lumenwerx

5 YEAR WARRANTY

Pendant
4" height
Fully frosted

Pendant
2" height
Partially frosted

Surface
2" height
Fully frosted

Surface
4" height
Partially frosted

Cella is an architectural decorative cylinder designed to bring clarity and rhythm to spaces through its vertical form. Available in 2" and 3" diameters, the slender luminaires are paired with acrylic diffusers offered in multiple heights and fully or partially frosted finishes, delivering visually comfortable illumination. Offered in pendant and surface configurations, Cella is suited to both accent applications and larger architectural installations, where repetition reinforces spatial organization and verticality.

Light Source

Static White	SOLA	DUO

Brochure

Pivot Cella module

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CELLA 2"

PENDANT, SURFACE

Lumenwerx

Project: _____

_____

Type: _____

Order Guide - Static White

For SOLA Dim-to-Warm and DUO Tunable White order guide, see page 3

LUMINAIRE ID	CYLINDER FINISH	DIFFUSER TYPE [1]	DIFFUSER HEIGHT [2]	LIGHT SOURCE	CRI
				SW	
CEL2P - Cella 2" Pendant **CEL2S** - Cella 2" Surface	**FTMB** - Matte black **FTMW** - Matte white **FCHP** - Champagne **FDBZ** - Dark bronze **CF#** - Custom finish, specify RAL#	**FF** - Fully frosted **PF** - Partially frosted [1] See page 4 for details.	**2IN** - 2" **4IN** - 4" [2] See page 4 for details.	**SW** - Static white	**80CRI** - 80+ CRI **90CRI** - 90+ CRI

LUMEN PACKAGE	COLOR TEMPERATURE	VOLTAGE	DIMMING	
450LM				
450LM - 450 lm	**18K** - 1800K **22K** - 2200K **27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** - 5000K	**120V** - 120V **277V** - 277V **UNV** - 120V-277V **347V** [3] - 347V [3] Available with RD1 driver only. Please consult factory.	**CANOPY DRIVER** **D1** - 1% 0-10V **ELV** [4] - ELV 120V **TRI** [4] - TRIAC 120V **DA** [5,6] - DALI **ELD0** [5] - eldoLED 0.1% 0-10V **ELD1** [5] - eldoLED 1% 0-10V	**REMOTE DRIVER** [7] **RD1** - 1% 0-10V **RELV** [4] - ELV 120V **RTRI** [4] - TRIAC 120V **RLDE1** [6] - Lutron Hi-lume 1% Eco **RDA** [6] - DALI **RELD0** - eldoLED 0.1% 0-10V **RELD1** - eldoLED 1% 0-10V **+EB** [8] - Emergency battery [4] Available with 120V only. [5] Only available with DR canopy option. [6] On-site commissioning is required. [7] A remote driver box is provided. [8] To specify, add +EB to the selected dimming option, e.g. RD1+EB.

CANOPY TYPE [9]		CANOPY FINISH	SUSPENSION Specify NA for Surface mounting
PENDANT **FLR** - Flat round canopy, 4" octagonal junction box **CDR** - Conduit feed, round canopy **DMNC** [10] - Direct mount, new construction **DMRM** [10,11] - Direct mount, remodel **DR** - Deep round canopy [9] See page 5 for details. [10] Only available with remote driver. [11] Single wiring entry only. No daisy chain connections allowed.	**SURFACE** **FLR** - Flat round canopy, 4" octagonal junction box **CDR** - Conduit feed, round canopy **DMNC** [10] - Direct mount, new construction	**FTMB** - Matte black **FTMW** - Matte white **FCHP** - Champagne **FDBZ** - Dark bronze **CF#** - Custom finish, specify RAL#	**POWER CORD** [12] **BPC##IN** - Black PVC **WPC##IN** - White PVC **NA** - Not applicable [12] Min 18" - max 72", specify length (##) in inches.

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CELLA-2-SPEC-REV0   February 2, 2026

CELLA 2"

PENDANT, SURFACE

Lumenwerx

Project: _____

_____

Type: _____

Order Guide - SOLA Dim-to-Warm and DUO Tunable White

For static white order guide, see page 2

LUMINAIRE ID	CYLINDER FINISH	DIFFUSER TYPE [1]	DIFFUSER HEIGHT [2]	LIGHT SOURCE	CRI
					90CRI
CEL2P - Cella 2" Pendant **CEL2S** - Cella 2" Surface	**FTMB** - Matte black **FTMW** - Matte white **FCHP** - Champagne **FDBZ** - Dark bronze **CF#** - Custom finish, specify RAL#	**FF** - Fully frosted **PF** - Partially frosted [1] See page 4 for details.	**2IN** - 2" **4IN** - 4" [2] See page 4 for details.	**SOLA** - Dim-to-warm single channel control **DUO** - Tunable white 2-channel control	**90CRI** - 90+ CRI

LUMEN PACKAGE	COLOR TEMPERATURE	VOLTAGE	DIMMING	
450LM				
450LM - 450 lm	SOLA **30K18K** - 3000K to 1800K **27K18K** - 2700K to 1800K DUO **65K27K** - 6500K to 2700K **50K27K** - 5000K to 2700K	**120V** - 120V **277V** - 277V **UNV** - 120V-277V	**REMOTE DRIVER [3]** SOLA [4] **RSD1** - Single 0-10V input **RSDA** [5] - DALI	DUO **RDMX** [5] - DMX **RDDA** [5] - DALI DT6 **RDDA8** [5] - DALI DT8 **RDD1** - Dual 0-10V input for CCT/intensity **RLD2** [5] - Lutron DALI-2 digital
			[3] A remote driver box is provided. [4] Consult factory for ELV/TRIAC. [5] On-site commissioning is required.	

CANOPY TYPE [6]		CANOPY FINISH	SUSPENSION Specify NA for Surface mounting

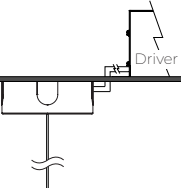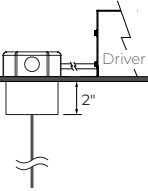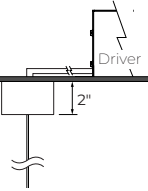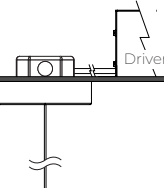| PENDANT	SURFACE	CANOPY FINISH	SUSPENSION
FLR - Flat round canopy, 4" octagonal junction box **CDR** - Conduit feed, round canopy **DMNC** - Direct mount, new construction **DMRM** [7] - Direct mount, remodel **DR** - Deep round canopy [6] See page 5 for details. [7] Single wiring entry only. No daisy chain connections allowed.	**FLR** - Flat round canopy, 4" octagonal junction box **CDR** - Conduit feed, round canopy **DMNC** - Direct mount, new construction	**FTMB** - Matte black **FTMW** - Matte white **FCHP** - Champagne **FDBZ** - Dark bronze **CF#** - Custom finish, specify RAL#	**POWER CORD [8]** **BPC##IN** - Black PVC **WPC##IN** - White PVC **NA** - Not applicable [8] Min 18" - max 72", specify length (##) in inches.

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Dimensions

PENDANT

	FULLY FROSTED		PARTIALLY FROSTED	
Diffuser height	2"	4"	2"	4"

SURFACE

	FULLY FROSTED		PARTIALLY FROSTED	
Diffuser height	2"	4"	2"	4"

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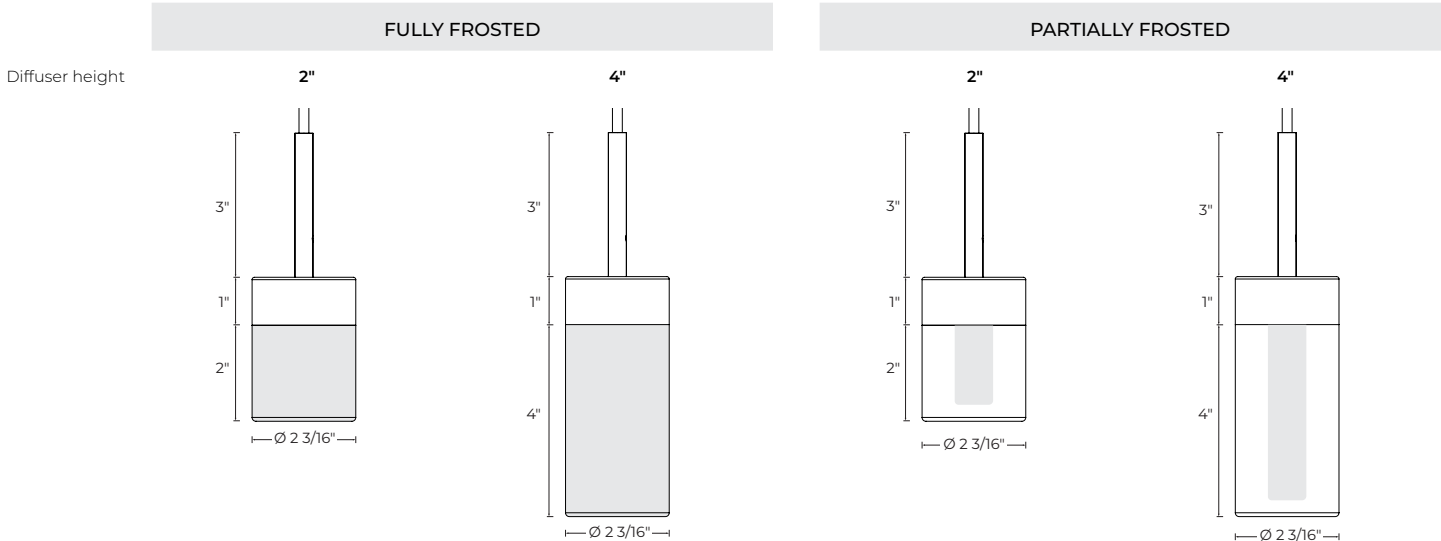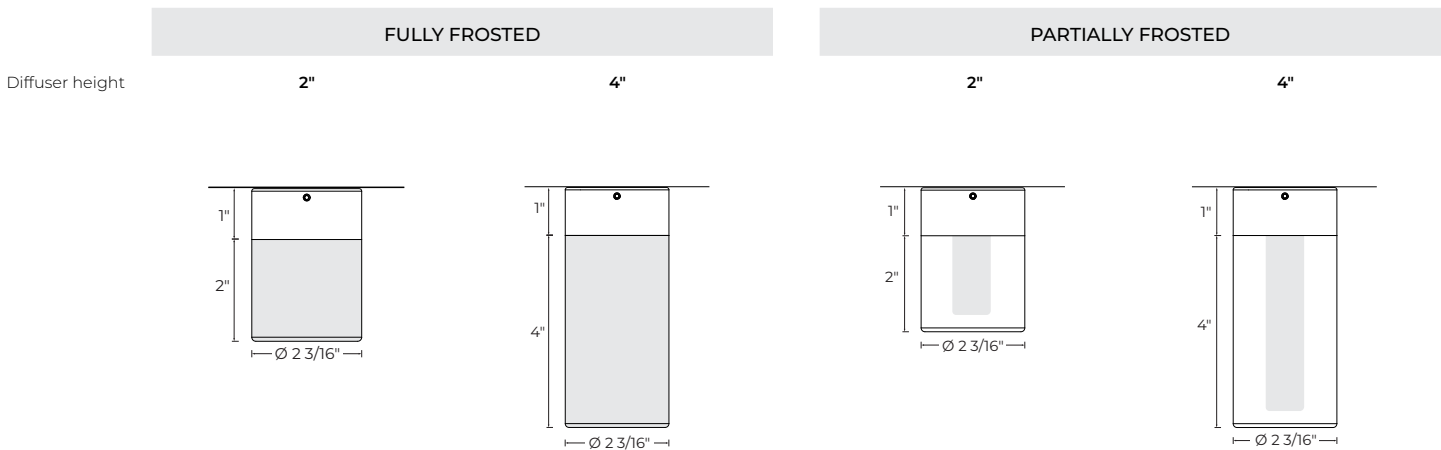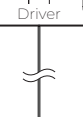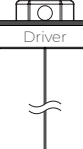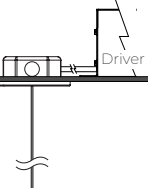
CELLA 2"
PENDANT, SURFACE
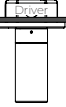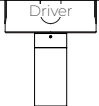
Mounting

PENDANT

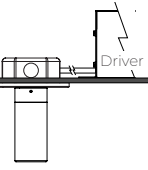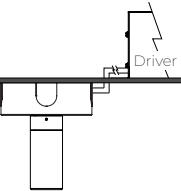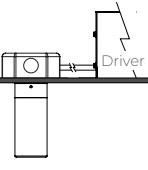| CANOPY					
Order code	**FLR** Flat round canopy, 4" octagonal junction box	**CDR** Conduit feed, round canopy	**DMNC** Direct mount, new construction	**DMRM** Direct mount, remodel	**DR** Deep round canopy
Canopy driver	Driver	Driver	NA	NA	Driver
Remote driver	Driver	Driver	Driver 2"	Driver 2" Single wiring entry only. No daisy chain connections allowed.	Driver
Canopy size	Ø 4 1/2" Height 3/8"	Ø 5 1/2" Height 1 15/16"	Ø 2 3/16" Height 2"		Ø 5 5/8" Height 1 3/8"

SURFACE

CANOPY			
Order code	**FLR** Flat round canopy, 4" octagonal junction box	**CDR** Conduit feed, round canopy	**DMNC** Direct mount, new construction
Canopy driver	Driver	Driver	NA
Remote driver	Driver	Driver	Driver
Canopy size	Ø 4 1/2" Height 3/8"	Ø 5 1/2" Height 1 15/16"	NA

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Photometrics

STATIC WHITE
Values calculated based on 3500K.

SIZE	LM	W	LM/W
2"	450	5.5	82

SOLA/DUO
Values calculated at high end CCT.

SIZE	LM	W	LM/W
2"	450	5.6	80

Multiplier - CCT

CCT	
1800K	1.19
2200K	1.07
2700K	1.02
3000K	1.00
3500K	1.00
4000K	0.97
5000K	0.97

Finishes
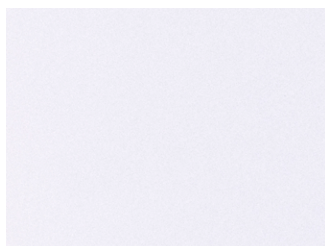
FTMW - Matte white

FTMB - Matte black

FCHP - Champagne

FDBZ - Dark bronze

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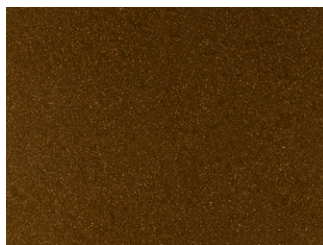
Technical Specifications

LIGHT SOURCE

Static white
Custom array of mid-flux LEDs available in 1800K, 2200K, 2700K, 3000K, 3500K, 4000K, and 5000K with a choice of 80+ CRI or 90+ CRI, with elevated R9 value for 90+ CRI. Color consistency is maintained to within 2 SDCM. 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.

Chromawerx SOLA
Chromawerx SOLA is single-channel control that dims output while warming the color temperature in a pre-determined relationship. Two color temperature range options are offered: 3000K to 1800K, and 2700K to 1800K. A simple analog control adjusts a specially populated LED array to emulate the effect of dimming a filament source.

Chromawerx DUO
Chromawerx DUO offers a two-channel control system which uses analog or digital protocols for synchronous control of both cool to warm LED arrays - maintaining a CRI above 90. both cool to warm LED arrays - maintaining a CRI above 90. Two color temperature range options are offered: 6500K to 2700K, and 5000K to 2700K.The range of color DUO offers is useful for entraining circadian rhythms, stimulating alertness, and compensating for jet lag among other applications. The Chromawerx drivers are programmed to limit maximum light output and power usage across all color temperatures. When paired with DALI drivers (DDA/DDA8), color tuning follows a linear dimming curve.

ELECTRICAL

Unless otherwise specified, dimming down to 1%. At maximum driver load: efficiency>84%, PF>0.9, THD<20%. ELV and TRIAC dimming performance (including minimum dimming percentage) subject to dimmer selection.
Canopy driver: 1% 0-10V, ELV, TRIAC, DALI, eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V
Remote driver: 1% 0-10V, ELV, TRIAC, Lutron Hi-Lume 1% EcoSystem, DALI, eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, DMX, Lutron DALI-2 digital
Emergency Battery Option: Remotely-installed, long-life, high-temperature, maintenance-free, Bodine Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. IOTA and Fulham options available upon request. Minimum of 90 minutes operation, and recharge time of 24 hours. For fixtures less than 10W, the battery provides 6W of emergency light output. For fixtures 10W and over, the battery provides 10W.

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), QUADRO (RGBW), emergency battery backup, and sensor integration. These must be addressed and evaluated on a case-by-case basis.

FINISH

Standard powder-coat paint available in matte white, matte black, champagne and dark bronze. Custom colors are also available.

CONSTRUCTION

Housing: Die-cast and extruded aluminum
Canopy: Flat, conduit feed, direct, and deep
Power cord: Black and white PVC. 18" to 72" standard length.
Diffuser: Acrylic

WEIGHT

Pendant:

Fully frosted	Partially frosted
2": 0.4 lbs - 0.18 kg **4"**: 0.5 lbs - 0.25 kg	**2"**: 0.5 lbs - 0.22 kg **4"**: 0.8 lbs - 0.35 kg

Surface:

Fully frosted	Partially frosted
2": 0.35 lbs - 0.16 kg **4"**: 0.5 lbs - 0.23 kg	**2"**: 0.44 lbs - 0.2 kg **4"**: 0.73 lbs - 0.33 kg

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.