GLOBE

WALL

Lumenwerx

5 YEAR WARRANTY

Globe is a fully illuminated sphere designed to deliver balanced illumination within architectural spaces. Crafted from high-quality frosted glass, its internal optic ensures smooth, even light distribution in all directions, providing visual comfort without glare or hotspots. Available in a range of diameters and mounting options, Globe can be used as an individual luminaire with strong visual presence or deployed in larger architectural arrangements.

Light Source

Static White	SOLA	DUO

Globe Brochure

Pivot Globe Module

cETLus LISTED
Intertek

GLOBE-WALL-SPEC-REV0   February 2, 2026

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WALL

Project: _____

Type: _____

Order Guide - Static White

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

LUMINAIRE ID	SIZE	OPTIC	LIGHT SOURCE	CRI
GLBW		**IRO**		
GLBW - Globe Wall	**4IN** - Ø 4" **6IN** - Ø 6" **8IN** - Ø 8"	IRO - Isotropic Radiant Optic	**SW** - Static white **FS** - Full spectrum static white	Static white **80CRI** - 80+ CRI **90CRI** - 90+ CRI **95CRI** - 95+ CRI Full spectrum **95CRI** - 95+ CRI

LUMEN PACKAGE		COLOR TEMPERATURE	VOLTAGE	DIMMING	
				CANOPY DRIVER	**REMOTE DRIVER** [5]
Ø 4"	**525LM** - 525 lm	**22K** [1] - 2200K	**120V** - 120V	**D1** - 1% 0-10V	**RD1** - 1% 0-10V
Ø 6"	**800LM** - 800 lm	**24K** [2] - 2400K	**277V** - 277V	**ELV** [4] - ELV 120V	**RELV** [4] - ELV 120V
Ø 8"	**1200LM** - 1200 lm	**27K** - 2700K	**UNV** - 120V-277V	**TRI** [4] - TRIAC 120V	**RTRI** [4] - TRIAC 120V
		30K - 3000K	**347V** [3] - 347V		**RDA** [6] - DALI
		35K - 3500K			**RLDE1** [6] - Lutron Hi-lume 1% Eco
		40K - 4000K	[3] Only available with RD1 driver. Please consult factory.		**RELD1** [6] - eldoLED 1% ECOdrive 0-10V
		50K [2] - 5000K			**RELD0** [6] - eldoLED 0.1% SOLOdrive 0-10V
					+EB [7,8] - Emergency battery
		[1] Only available with 90+ CRI. [2] Not available with 95+ CRI.			

[4] Only available with 120V.
[5] A remote driver box is provided.
[6] On-site commissioning is required.
[7] To specify, add +EB to the selected dimming option, e.g. RD1+EB.
[8] Not available with Ø 4".

ELECTRICAL	CANOPY TYPE [9]		CANOPY FINISH
1C	**FLR**		
1C - 1 circuit	FLR - Flat round canopy, 4" octagonal junction box [9] See page 4 for details.		**FTMB** - Matte black **FTMW** - Matte white **CF#** [10] - Custom finish, specify RAL# [10] See page 6 for more finish options.

GLOBE

WALL

Project: _____

_____

Type: _____

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

For static white order guide, see page 2

LUMINAIRE ID	SIZE	OPTIC	LIGHT SOURCE	CRI
GLBW		**IRO**		**90CRI**
GLBW - Globe Wall	**4IN** - Ø 4" **6IN** - Ø 6" **8IN** - Ø 8"	**IRO** - Isotropic Radiant Optic	**SOLA** - Dim-to-warm single channel control **DUO** - Tunable white 2-channel control	**90CRI** - 90+ CRI

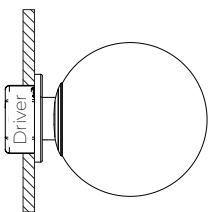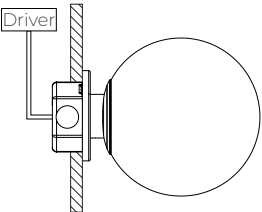| LUMEN PACKAGE		COLOR TEMPERATURE	VOLTAGE	DIMMING	
Ø 4"	**215LM** - 215 lm	<u>SOLA</u> **30K18K** - 3000K to 1800K **27K18K** - 2700K to 1800K	**120V** - 120V **277V** - 277V **UNV** - 120V-277V	**REMOTE DRIVER** [1]	
Ø 6"	**685LM** - 685 lm			<u>SOLA</u> [2] **RSD1** - Single 0-10V input	<u>DUO</u> **RDMX** [3] - DMX
Ø 8"	**800LM** - 800 lm	<u>DUO</u> **65K27K** - 6500K to 2700K **50K27K** - 5000K to 2700K			**RDDA** [3] - DALI DT6 **RDDA8** [3] - DALI DT8 **RDD1** - Dual 0-10V input for CCT/intensity **RLD2** [3] - Lutron DALI-2 digital **+EB** [4,5] - Emergency battery
				[1] A remote driver box is provided. [2] Consult factory for ELV/TRIAC. [3] On-site commissioning is required. [4] To specify, add +EB to the selected dimming option, e.g. RDD1+EB. [5] Not available with Ø 4".	

| ELECTRICAL	CANOPY TYPE [6]		CANOPY FINISH
1C	**FLR**		
1C - 1 circuit	**FLR** - Flat round canopy, 4" octagonal junction box [6] See page 4 for details.		**FTMB** - Matte black **FTMW** - Matte white **CF#** [7] - Custom finish, specify RAL# [7] See page 6 for more finish options.

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Dimensions

Ø 4"
Ø 6"
Ø 8"
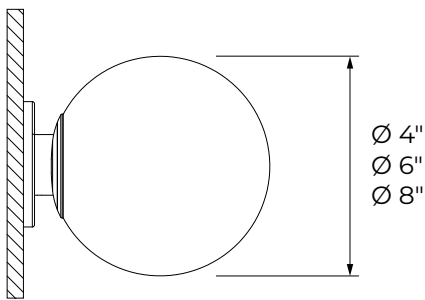
Mounting

	CANOPY DRIVER	REMOTE DRIVER
Order code	**FLR** Flat round canopy, 4" octagonal junction box	**FLR** Flat round canopy, 4" octagonal junction box
Canopy type	Driver	Driver
Canopy size	Ø 4 1/2" Height 3/8"	Ø 4 1/2" Height 3/8"

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Photometrics
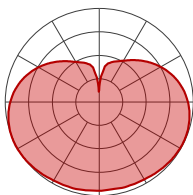
Static white
Values calculated based on 3500K.

SIZE	LM	W	LM/W
Ø 4"	525	10	53
Ø 6"	800	12	67
Ø 8"	1200	14	86

SOLA / DUO
Values calculated at high end CCT.

SIZE	LM	W	LM/W
Ø 4"	215	8	27
Ø 6"	685	14	49
Ø 8"	800	14	57

MULTIPLIERS
Use this table to get results for different color temperatures.

CCT	
2200K	0.80
2400K	0.87
2700K	0.94
3000K	0.98
3500K	1
4000K	1.05
5000K	1.05

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Finishes

Standard
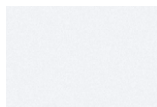
FTMW - Matte White   **FTMB** - Matte Black

Custom

Neutrals
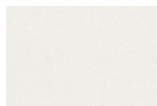
CRM - Cream   **GRY** - Gray   **STG** - Steel Gray   **SAG** - Sage Gray   **BLB** - Black Blue
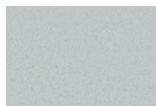
Designer
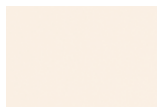
ALM - Almond   **RST** - Rust Fine Texture   **GRB** - Green Beige   **YLW** - Yellow   **SLM** - Salmon Pink   **VIO** - Pastel Violet   **RED** - Red   **PRR** - Purple Red
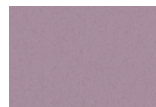
SMB - Storm Blue   **DPB** - Deep Blue   **OCB** - Ocean Blue   **BLG** - Blue Green   **GNS** - Green Smoke   **MNG** - Mint Green

Metallics
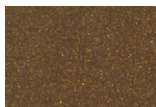
CHP - Champagne   **DBZ** - Dark Bronze   **CNY** - Canyon

Premium Custom

Neutrals

Designer

Metallics
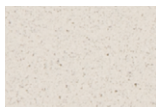
MOG - Moss Gray   **QRZ** - Quartzite Texture   **LMG** - Lime Green   **GLD** - Gold   **IRN** - Iron Ore   **SBP** - Sandblast Copper   **SWD** - Sandalwood

Some colors may have longer lead time.

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Technical Specifications

OPTIC

Isotropic Radiant Optic™ (IRO™)
The Isotropic Radiant Optic™ (IRO™) is a spherical lens designed with a spike-textured surface through which light rays are diffused outward and equally in all directions.

LIGHT SOURCE

Static white
Compact COB (Chip-On-Board) LED module, available in 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, and 5000K with a choice of 80+ CRI, 90+ CRI, or 95+ CRI, with an elevated R9 value for 90+ CRI and above. 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.

Full spectrum static white
The full spectrum LED option offers improved color particularly in the cyan region that is beneficial in both healthcare and circadian lighting strategies. The cyan region in full spectrum LED is richer at the 480 nm range.

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. 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

Remote driver: 1% 0-10V, ELV, TRIAC, DALI, Lutron Hi-Lume 1% Eco, 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 10 W, the battery provides 6 W of emergency light output. For fixtures 10 W and over, the battery provides 10 W.

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 and black. Custom colors are also available.

CONSTRUCTION

Globe: Frosted glass
Canopy: Flat

WEIGHT

Ø 4": 1.10 lbs - 0.5 kg
Ø 6": 1.76 lbs - 0.8 kg
Ø 8": 2.65 lbs - 1.2 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.