tivoli®

LITESPHERE 2.0

ADAPT

GINA

5"

5"

| 1900K | 2700K | 3000K | 3500K | 4000K | 5000K |

KATIE

5 5/8"

5"

| 1900K | 2700K | 3000K | 3500K | 4000K | 5000K |

ANGELA

5"

5"
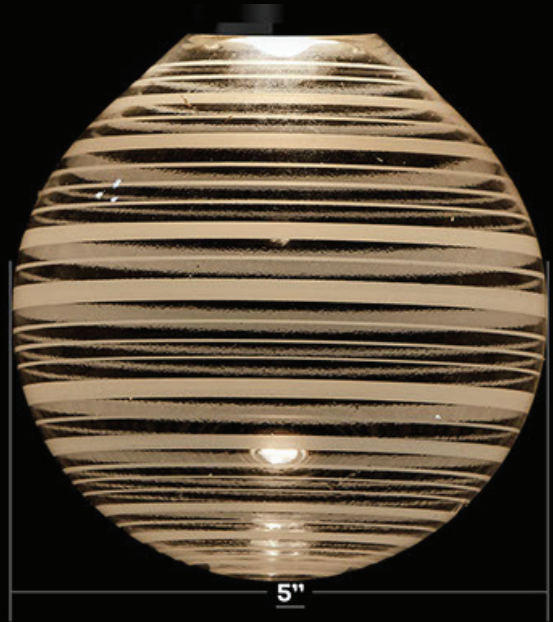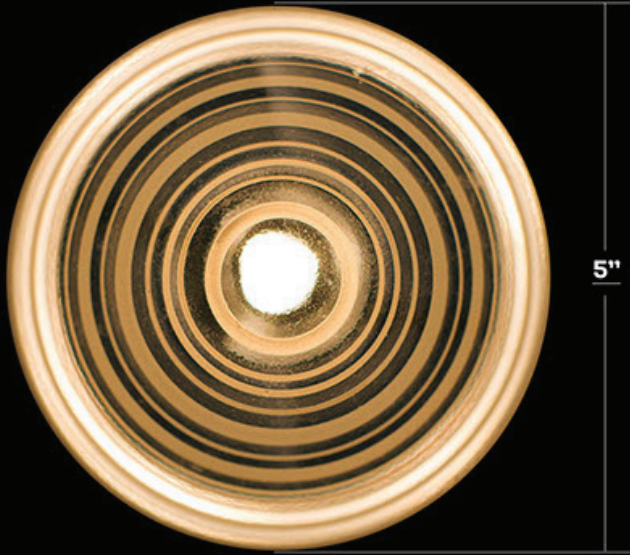
| 1900K | 2700K | 3000K | 3500K | 4000K | 5000K |

GABY

5"

5 1/4"

| 1900K | 2700K | 3000K | 3500K | 4000K | 5000K |

TONI

5"

5"
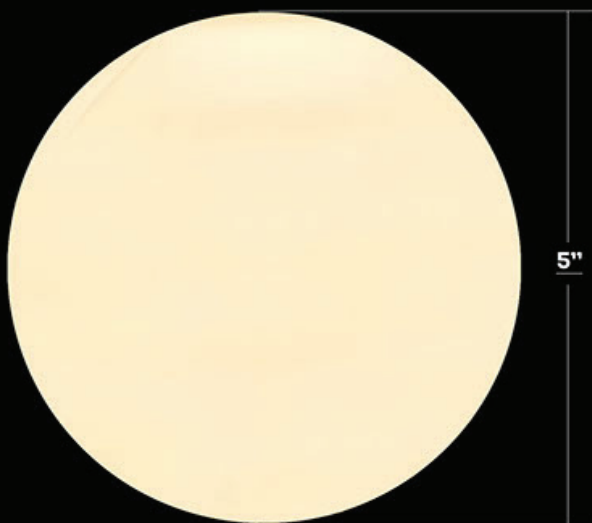
| 1900K | 2700K | 3000K | 3500K | 4000K | 5000K |

VICTORIA

5"

5"

| 1900K | 2700K | 3000K | 3500K | 4000K | 5000K |

LAURA

2 3/8"

4 5/8"
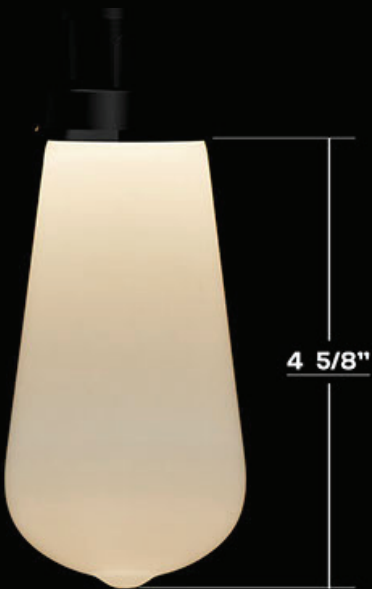
| 1900K | 2700K | 3000K | 3500K | 4000K | 5000K |

BRENDA

2 3/8"

4 5/8"
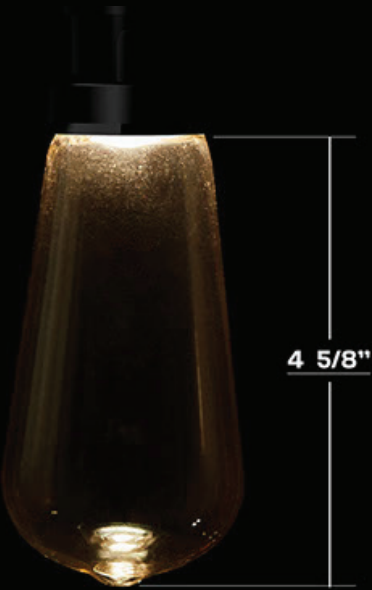
| 1900K | 2700K | 3000K | 3500K | 4000K | 5000K |

LUCIA

5"
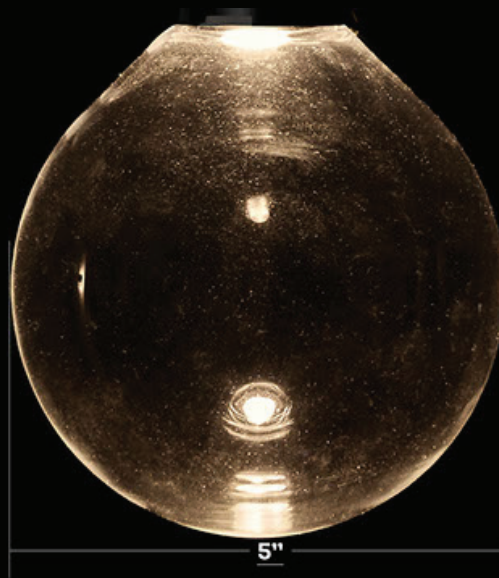
| 1900K | 2700K | 3000K | 3500K | 4000K | 5000K |

SUSAN

5"

| 1900K | 2700K | 3000K | 3500K | 4000K | 5000K |

ANA

5"

5"
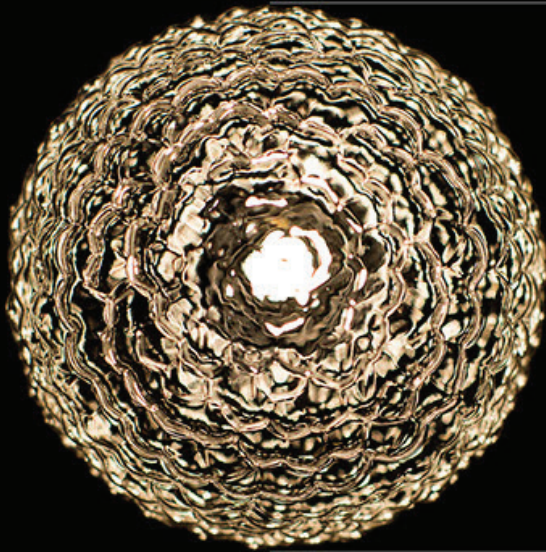
| 1900K | 2700K | 3000K | 3500K | 4000K | 5000K |

Project: _____ TYPE: _____

Product Features

- The next evolution of ADAPT delivers a robust specification-grade strand with factory molded standard spacing for consistent quality from start to finish
- Litesphere ADAPT 2.0 design provides optional suspended mounting or a twist-off cap for surface applications
- 12V DC Low voltage system for long runs
- Socket and cord color available in black or white
- Proprietary ADAPT screw base fitting
- Silicone-coated ADAPT glassware for assisting with shatter resistance
- IP67
- cULus
- 3 Year warranty

Dimensions

7.1"

5"

6.7"

2.375"

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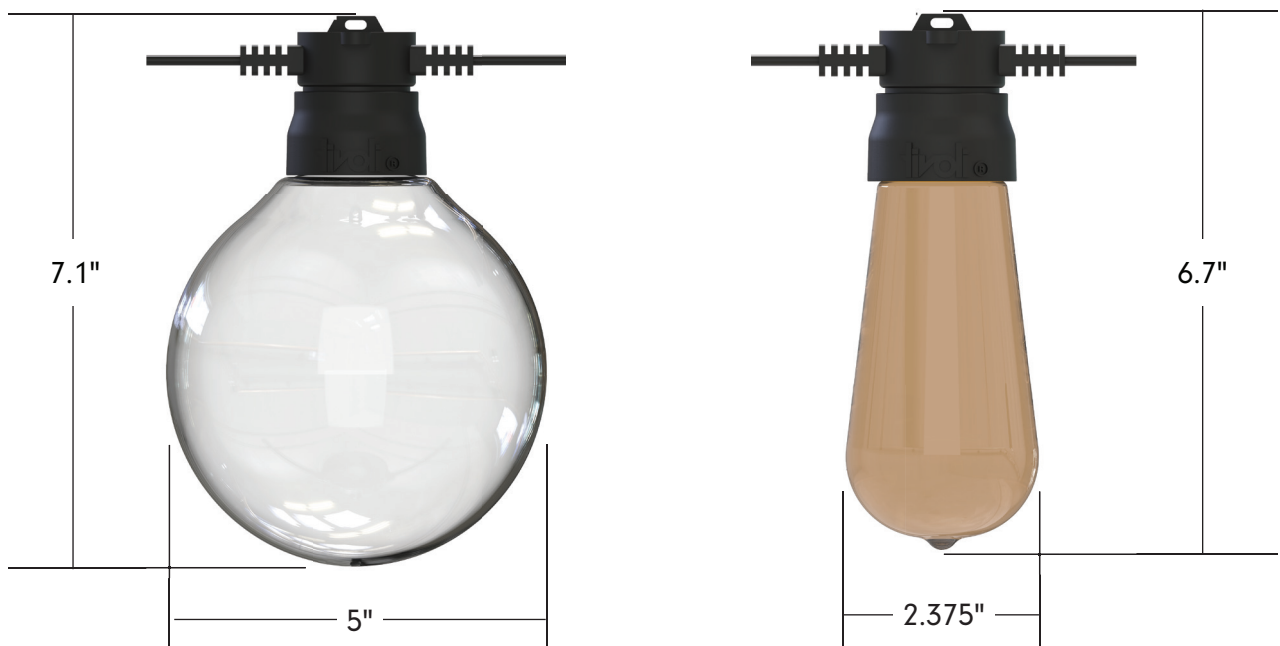
System Configuration Example

LSL2-JUMPER

LSL2-XEP

LSA2-B-12-V-30-LUC-12

LSL2-JUMPER

LSA2-B-12-V-30-LUC-12

LSL2-EC
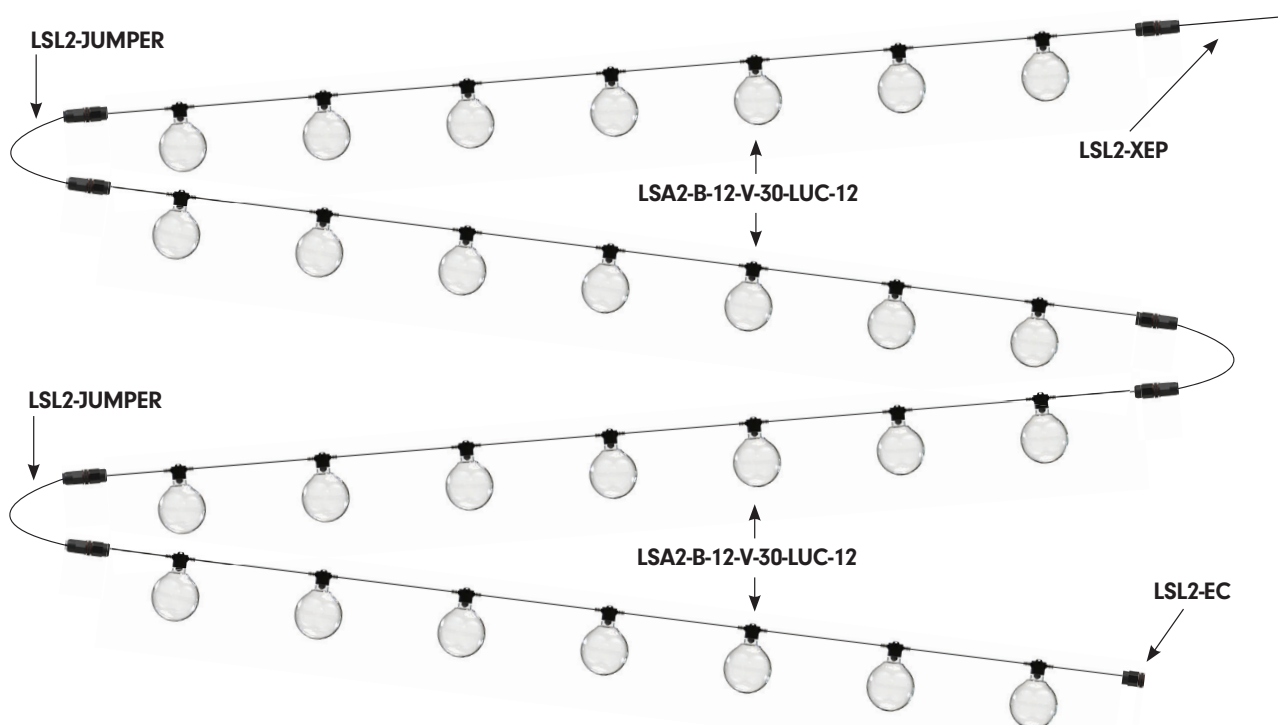
Strand Order Guide

Note: For suspension application, a catenary cable is required for proper installation. Please contact Tivoli for recommendations on unique mounting applications.

Product	Wire		Spacing		LED Type		LED Color		Globe		Light Shade*		Voltage	
LSA2					**V**								**12**	
Litesphere ADAPT 2.0	**B**	Black	**12**	12" OC	**V**	Very High Output	**19**	1900K	**ANA**	Ana	**Y**	Yes	**12**	12V DC
	W	White**	**18**	18" OC			**27**	2700K	**VIC****	Victoria	**N**	No		
			24	24" OC			**30**	3000K	**GAB**	Gaby				
			36	36" OC			**35**	3500K	**BRE**	Brenda				
			48	48" OC			**40**	4000K	**LAU****	Laura				
							50	5000K	**GIN**	Gina				
							AM	Amber	**ANG**	Angela				
							RB	Royal Blue	**KAT**	Katie				
							RD	Red	**SUS****	Susan				
							GN	Green	**TON****	Toni				
							YL	Yellow	**LUC****	Lucia				
									CG**	Varied Globes				

*Light Shade are optional. Consult factory for lead time and available style and sizes - see page 13
**Consult Factory for MOQ and Lead Time.

Power Lead Order Guide
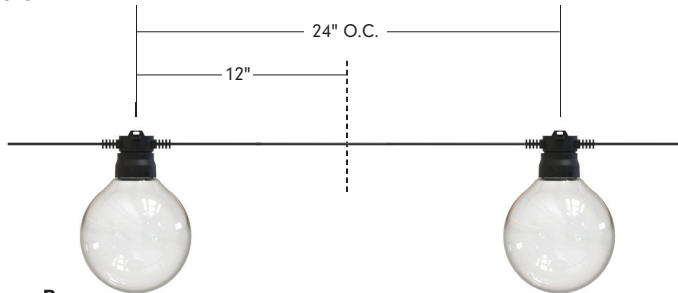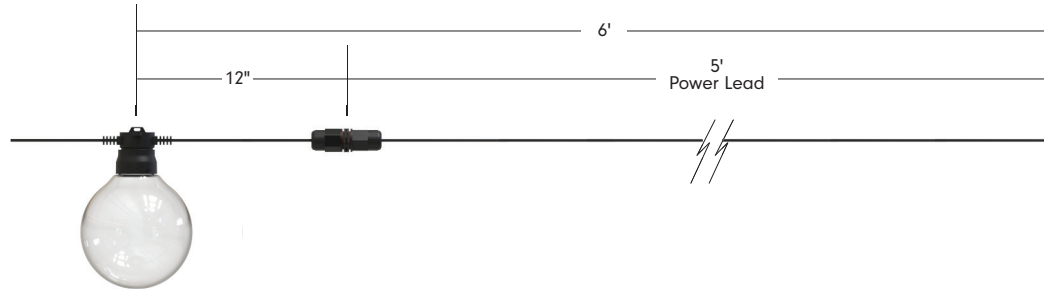
Figure A - All Litesphere ADAPT 2.0 are evenly cut between globes according to specified spacing.
Figure B - Power leads are added to the end cut, extending the total length of the power lead.

LSL2-XEP-X-XX
X = B (Black), W (White)
XX = 05 (5'), 10 (10'), 15 (15'), 20 (20'), 25 (25')
For custom length consult factory

Figure A

24" O.C.
12"

Figure B

6'
12"
5'
Power Lead

Jumper Order Guide
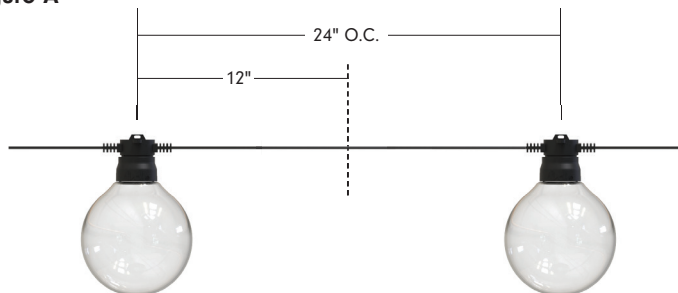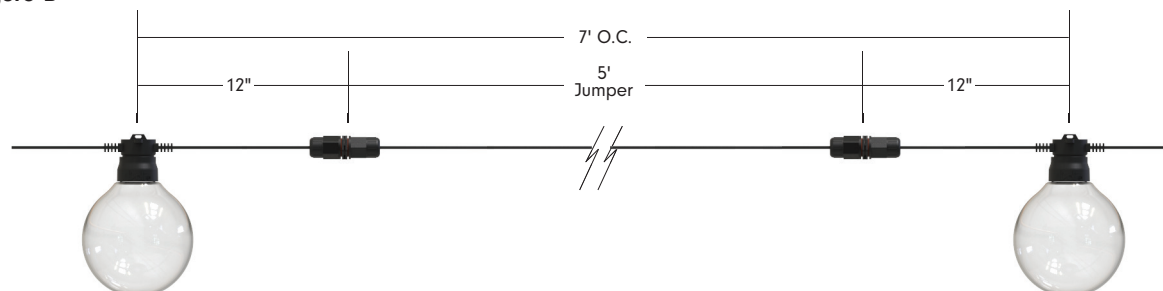
Figure A - All Litesphere ADAPT 2.0 are evenly cut between globes according to specified spacing.
Figure B - Jumpers are added between the cuts, extending the total length of wire between globes.

LSL2-JUMPER-X-XX
X = B (Black), W (White)
XX = 05 (5'), 10 (10')
For custom length, consult factory

Figure A

24" O.C.
12"

Figure B

7' O.C.
12"
5'
Jumper
12"

Specifications

Output - Very High Output					
On-Center Spacing	12"	18"	24"	36"	48"
Lumens/ft	90.2	60	45	30	N/A
Watts/ft	.96	.64	.48	.32	.24
Maximum Electrical Run	55'	70'	80'	90'	90'
Weights (G125 Globe)					
On-Center Spacing	12"	18"	24"	36"	48"
lb/ft	0.59	0.55	0.51	0.47	0.44
lb/ft with catenary cable	0.61	0.57	0.53	0.49	0.46
Weights (ST19 Globe)					
On-Center Spacing	12"	18"	24"	36"	48"
lb/ft	0.49	0.45	0.41	0.37	0.34
lb/ft with catenary cable	0.51	0.47	0.43	0.39	0.36

Electrical	
Input Voltage	12V DC
Power Consumption (W/LED)	0.96

Control	
Control System	0-10V, ELV, MLV, DMX 512 (Dim to 1% with an Infinity power supply and a 0-10V Lutron Diva dimmer)

Physical	
Dimensions	7.1" H x 5" W (G125), 6.7" H x 2.375" W (ST19)
Socket Housing	PVC
American Wire Gauge	14 AWG
Globe	Glass (Shatter resistance assist with silicone coating - Glass may still break under certain conditions)
Mounting	Surface Mount, Suspended
Operating Temperature	-40°C to 65°C (-40°F to 149°F)

Certification and Testing	
Certification	cULus
Environment	Wet Location
Lumen Maintenance (L70) Hours	70,000
IP Rating	IP67
Warranty	3 Years

Mounting Options

SURFACE/FLUSH

For surface mount applications, remove the top suspension-plate by turning counter-clockwise until off. Place socket flush against the desired surface and mount using proper screws according to substrate.

SUSPENDED

Suspended mounting will use a combination of LS-CABLE, LS-LOCK with LS-UVZP. Tension the cable wire with our LS-TT (Tension Tool) for desired sag (Please adhere to local city code for suspended application).

Note: For suspension application, a catenary cable is required for proper installation.

Please contact Tivoli for recommendations on unique mounting applications.

Mounting Accessories

LS-CABLE-60 Catenary Cable Kit - 60'
(1/8" Stainless Steel cable includes 2 cable locks for use with loads up to 200lbs)

LS-CABLE-110 Catenary Cable Kit - 110'
(1/8" Stainless Steel cable includes 2 cable locks for use with loads up to 200lbs)

LS-CABLE-500 Catenary Cable Kit - 500'
(1/8" Stainless Steel cable for use with loads up to 200lbs)

LS-LOCK-X Cable Lock
X = **2** (2 Locks), **4** (4 locks) Includes (1) cable release key. Cable Lock for 1/8th inch cable, Heavy-duty lockable fasteners support loads up to 200 lbs. Can be easily adjusted without the use of tools.

LS-TT
Catenary Cable Tensioning Tool up to 880lbs with minimal effort due to the 6:1 gear drive mechanism. Integral torque gauge controls the load applied to the wire, giving consistent tension every time and optimizing the life of the wire.

LS-UVZP-BK-50
Black
50 pc Bag set. UV resistant, heavy duty ties.
Maximum weight up to 100 lbs./per tie.

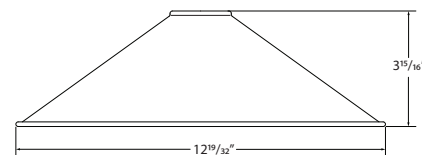**LS-UVZP-BK-30**
Black
30 pc Bag set. UV resistant, heavy duty ties.
Maximum weight up to 100 lbs./per tie.

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Light Shades

HAT
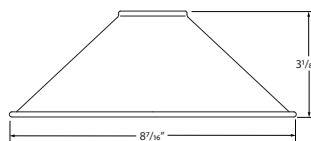
SHADE-HT-BK-BK-8
Light Shade - HAT
8.3" Black Top, Black Bottom
Weight: 0.38 lb

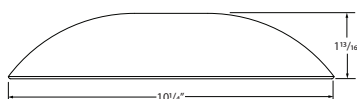3^1/$_8$"
8^7/$_{16}$"

SHADE-HT-BK-BK-13*
Light Shade - HAT
12.6" Black Top, Black Bottom
Weight: 1.06 lb

SHADE-HT-BK-CO-13 *
Light Shade - HAT
12.6" Black Top, Copper Bottom
Weight: 1.06 lb

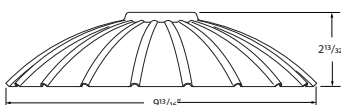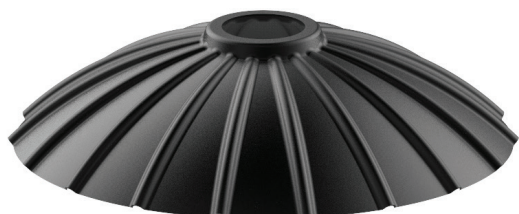*Consult factory for lead time and MOQ

3^{15}/$_{16}$"
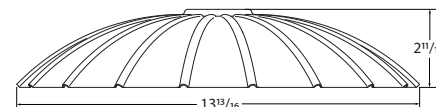12^{19}/$_{32}$"

DISH

SHADE-DS-BK-BK-10
Light Shade - DISH
10.2" Black Top, Black Bottom
Weight: 0.72 lb

1^{13}/$_{16}$"
10^1/$_4$"

FLOWER

SHADE-FL-BK-BK-10
Light Shade - FLOWER
9.8" Light Shade , Black Top, Black Bottom
Weight: 0.54 lb

2^{13}/$_{32}$"
9^{13}/$_{16}$"

SHADE-FL-BK-BK-13
Light Shade - FLOWER
13.8" Light Shade, Black Top, Black Bottom
Weight: 1.1 lb

2^{11}/$_{16}$"
13^{13}/$_{16}$

Accessories
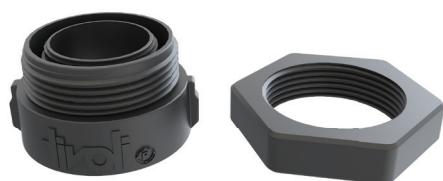
SHADE-ADP-LSA2-XX-01 ADAPT 2.0 Light Shade Adapter
XX = BK (Black), WH (White)
PVC Black Adapter - Sold individually.

SHADE-ADP-LSA2-XX-25 ADAPT 2.0 Light Shade Adapter
XX = BK (Black), WH (White)
PVC Black Adapter Kit - Sold in packs of 25

SHADE-ADP-LSA2-XX-50 ADAPT 2.0 Light Shade Adapter
XX = BK (Black), WH (White)
PVC Black Adapter Kit - Sold in packs of 50

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Replacement Parts

G125 Globe (Weight: 4 oz./ea.)

Ana
LSA-ANA

Angela
LSA-ANG

Gina
LSA-GIN

Gaby
LSA-GAB

Katie
LSA-KAT

Susan*
LSA-SUS

Toni*
LSA-TON

Lucia*
LSA-LUC

Victoria*
LSA-VIC

*Consult Factory for MOQ and Lead Time.

ST19 Globe (Weight: 1.6 oz./ea.)

Laura*
LSA-LAU

Shatter Resistant
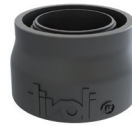Silicone Coating

Brenda
LSA-BRE

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Replacement Parts

Very High Output

LSL-19-V-12
12V Wedge base
1900K
LSL-27-V-12
12V Wedge base
2700K
LSL-30-V-12
12V Wedge base
3000K
LSL-35-V-12
12V Wedge base
3500K
LSL-40-V-12
12V Wedge base
4000K
LSL-50-V-12
12V Wedge base
5000K

LSL-AM-V-12
12V Wedge base
Amber
LSL-RD-V-12
12V Wedge base
Red
LSL-RB-V-12
12V Wedge base
Royal Blue
LSL-GN-V-12
12V Wedge base
Green
LSL-YL-V-12
12V Wedge base
Yellow

LSL2-EC-X
X = B (black), W (white)
Litesphere 2.0 End-Cap
Weight: 0.0375 lb
sold each

LSA2-GA-X
X = B (black), W (white)
Litesphere ADAPT 2.0
Globe Adapter
sold each

Photometrics

Based on 2700K LED with Lucia globe
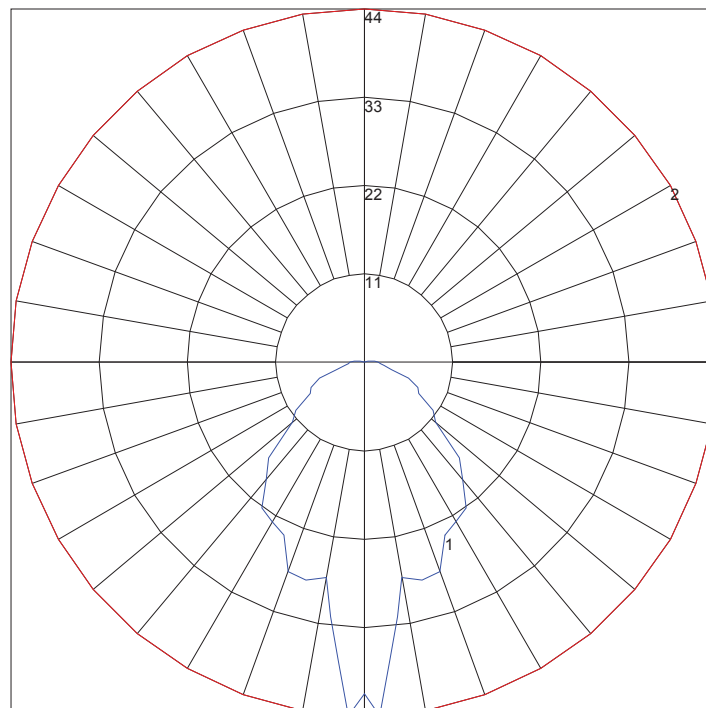
Maximum Candela = 44.19   Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

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Power Supplies

INFINITY - MLV / ELV / 0-10V / PWM / TRIAC

Dim to 1% with a 0-10V Lutron Diva dimmer (by others)

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	MIN LOAD	CIRCUIT CAPACITY
Infinity Series Class 2 Transformer	INF-J-30-1-2.5-12	Indoor / Outdoor	100 - 277V AC	12V DC	1	30W	3W	2.5A
	INF-J-60-1-5-12				1	60W	6W	5A
	INF-J-180-3-5-12				3	3x60W	3x6W	3x5A
	INF-J-300-5-5-12				5	5x60W	5x6W	5x5A

ADNM - NON DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-60-1-5-12-D	Indoor / Outdoor	100-277V AC 50/60 HZ	12V DC	1	60W	5A
	ADNM-80-1-5-12-D				1	60W	5A
	ADNM-150-2-5-12-D				2	2x60W	2x5A
	ADNM-240-3-5-12-D				3	3x60W	3x5A
	ADNM-320-4-5-12-D				4	4x60W	4x5A

ADNM - 0-10V DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-60-1-5-12-DOT	Indoor / Outdoor	100-277V AC 50/60 HZ	12V DC	1	60W	5A
	ADNM-80-1-5-12-DOT				1	60W	5A
	ADNM-150-2-5-12-DOT				2	2x60W	2x5A
	ADNM-240-3-5-12-DOT				3	3x60W	3x5A
	ADNM-320-4-5-12-DOT				4	4x60W	4x5A

ADNM - DMX SINGLE ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-60-1-5-12-DIN	Indoor / Outdoor	100-277V AC 50/60 HZ	12V DC	1	60W	5A
	ADNM-80-1-5-12-DIN				1	60W	5A
	ADNM-150-2-5-12-DIN				2	2x60W	2x5A
	ADNM-240-3-5-12-DIN				3	3x60W	3x5A
	ADNM-320-4-5-12-DIN				4	4x60W	4x5A

ADNM - DMX MULTI ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-150-2-5-12-DIN-2	Indoor / Damp	100-277V AC 5o/60 Hz	12V DC	2	2x60W	5A
	ADNM-240-3-5-12-din-3				3	3x60W	3x5A

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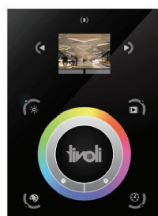
Controls

Touchscreen

TVOQ-1-WH
White
16 DMX channel, 16 scene,
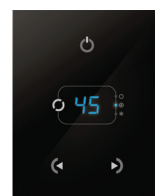4 zone, glass touch screen

Touchscreen

TVOQ-10-XX-7
XX = BK (Black), WH (White)
1024 DMX channel, 500 scene,
10 zone, glass touch screen

Touchscreen

TVOQ-2-BK
Black
512 DMX channel, 99 scene,
1 zone, glass touch screen