

ADAPT DROP2.0

## ADAPT Drop String Light- How it works

A simple 3 step order process for cord spacing, drop length with light engine and globe choice for endless design combinations to create a unique experience for personal or public space.

**CONNECTION**  
IP65 Outdoor 2 pin twist connector for solid, reliable performance.

**SHADE ADAPTER - optional**  
Tivoli's Patent Pending universal shade adapter allows you to mix and match any shade with our line of String Light.

**LIGHT SHADE - optional**  
Multiple light shades to choose from to add form and function to your design.

**DROP**  
Tivoli's New DROP system gives you standard 6 length options and a custom offering for additional lengths.

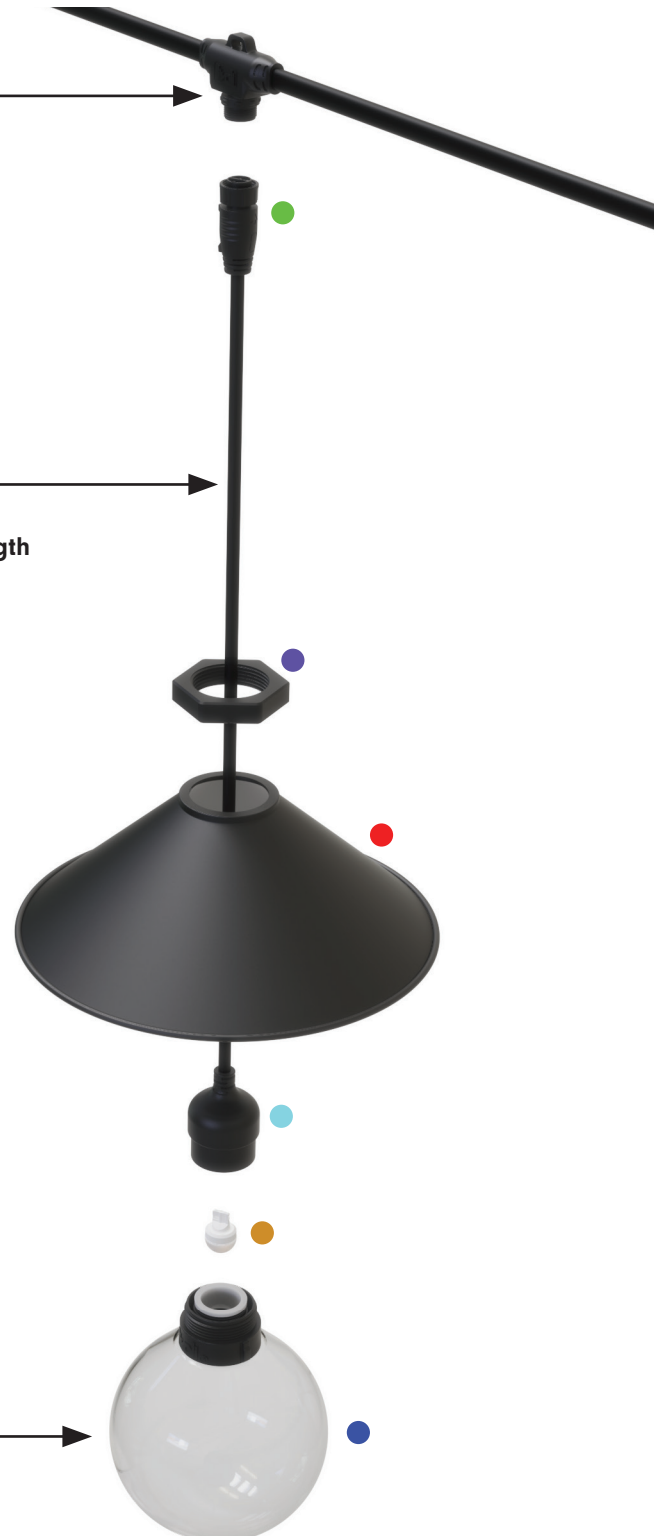
**VHO LED**  
With 90 lumens each, Tivoli's VHO wedge based LED is 23 times brighter than our standard output offering. Built with Nichia SMD LEDs and a thermal plastic base for optimal heat dissipation.

**ADAPT GLOBES & ADAPTER**  
11 globe options to finish your design and achieve a personal look.

1  
Choose Your Cord

2  
Choose Your Drop Length  
& LED Color

3  
Choose Your Globe

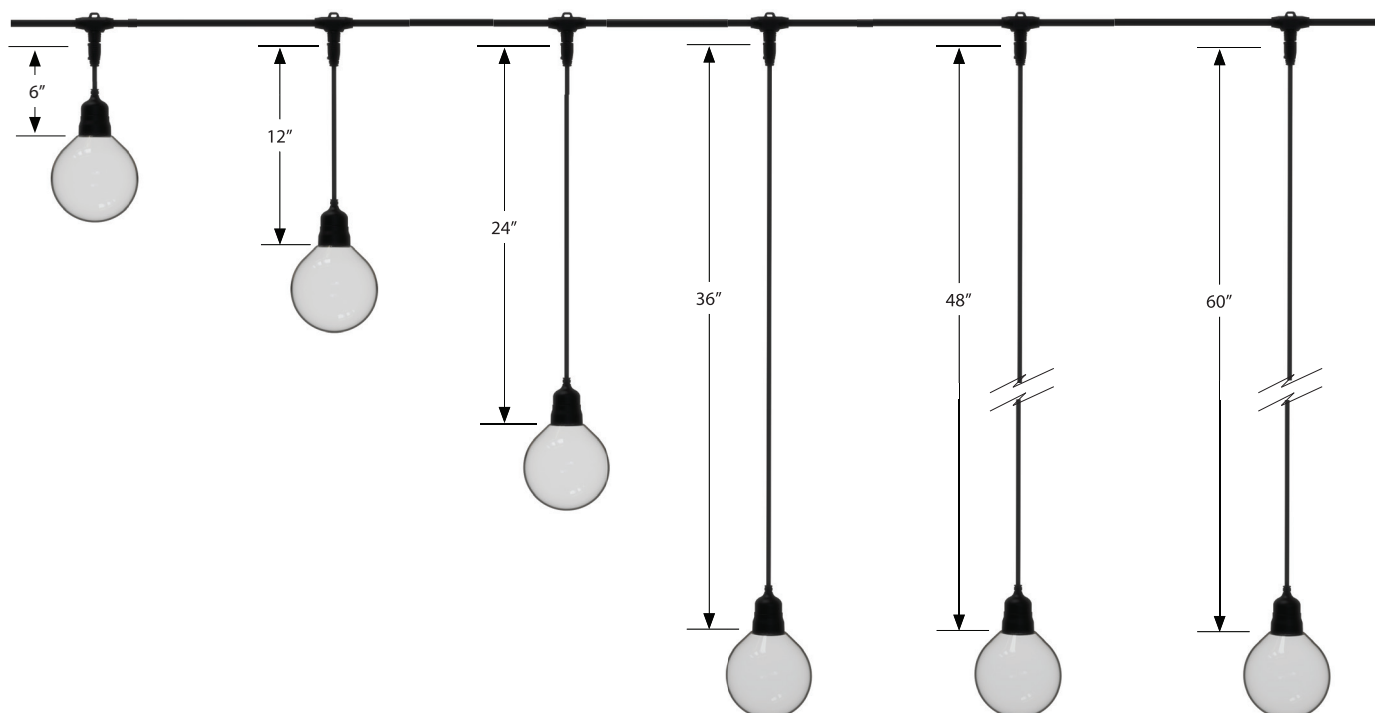




Project: \_\_\_\_\_ TYPE: \_\_\_\_\_

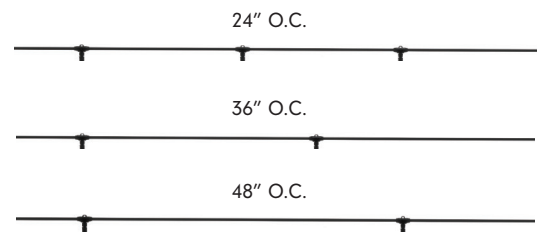
- The next evolution of ADAPT delivers a robust specification-grade strand with factory molded standard spacing for consistent quality from start to finish
- Litesphere ADAPT DROP 2.0 design provides optional suspended mounting or a twist-off cap for surface applications
- Available DarkSky option with added light shade
- 12V DC Low voltage system for long runs
- Proprietary ADAPT screw base fitting
- Silicone-coated ADAPT glassware for assisting with shatter resistance
- IP65
- cULus
- 3 Year warranty

## Dimensions



## 1 - Strand Order Guide

PRODUCT CODE	PROFILE	STRAND COLOR	SPACING
<b>LSAD2</b>	<b>STRND</b>		
<b>LSAD2</b> = Litesphere DROP 2.0	<b>STRND</b> = Strand	<b>BK</b> = Black <b>WH</b> = White*	<b>24</b> = 24" OC <b>36</b> = 36" OC <b>48</b> = 48" OC



\*Contact Factory for MOQ and lead time

## 2 - Drop Order Guide

Note: All DROPS are pre-built with adapter and VHO LED chip, ready to install.

PRODUCT CODE	PROFILE	DROP COLOR	CCT COLOR	DROP LENGTH
<b>LSAD2</b>	<b>DRP</b>			
<b>LSAD2</b> = Litesphere ADAPT DROP 2.0	<b>DRP</b> = Drop	<b>BK</b> = Black <b>WH</b> = White*	<b>19</b> = 1900K <b>27</b> = 2700K <b>30</b> = 3000K <b>35</b> = 3500K <b>40</b> = 4000K <b>50</b> = 5000K <b>AM</b> = Amber <b>RD</b> = Red <b>GN</b> = Green <b>YL</b> = Yellow <b>RB</b> = Royal Blue <b>TS</b> = Turtle Safe	<b>6</b> = 6" <b>12</b> = 12" <b>24</b> = 24" <b>36</b> = 36" <b>48</b> = 48" <b>60</b> = 60"



\*Contact Factory for MOQ and lead time

## 3 - Globe Order Guide



PRODUCT CODE	PROFILE	SHADE
<b>LSA2</b>		
<b>LSA2</b> = Litesphere ADAPT Globe	<b>KAT</b> = Katie <b>ANG</b> = Angela <b>GIN</b> = Gina <b>LUC</b> = Lucia* <b>BRE</b> = Brenda* <b>LAU</b> = Laura* <b>TON</b> = Toni*	<b>Y</b> = Yes <b>N</b> = No



**LSA2-LUC-N**  
Example part number shown  
with **NO** shade option -  
Standard adapter applied at  
factory



**LSA2-LUC-Y**  
Example part number shown  
with **YES** shade option - Shade  
adapter applied at factory

\*Contact Factory for MOQ and lead time

Tivoli, LLC. reserves the right to modify this specification without prior notice.

## ADAPT Globe

Note: Shatter resistance assist with silicone coating - Glass may still break under certain conditions



**LSA-KAT-N**  
Katie



**LSA-ANG-N**  
Angela



**LSA-GIN-N**  
Gina



**LSA-LUC-N**  
Lucia\*



**LSA-BRE-N**  
Brenda



**LSA-LAU-N**  
Laura\*



**LSA-TON-N**  
Toni\*

\*Consult Factory for MOQ and Lead Time.

## Power Lead Order Guide

### 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 - 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.

Figure A

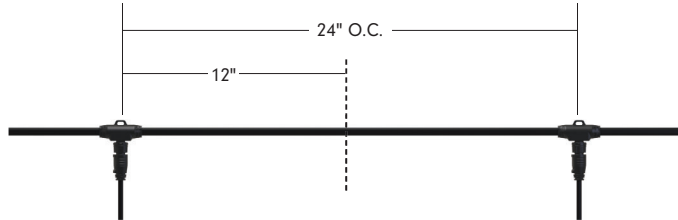
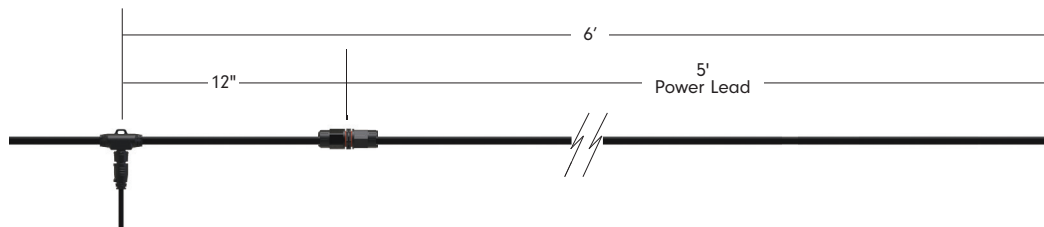


Figure B



\*Contact Factory for MOQ and lead time

## Jumper Order Guide (Optional)

### LSL2-JUMPER-X-XX

X = B (Black), W\* (White)

XX = 05 (5'), 10 (10')

For custom length, consult factory

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.

Figure A

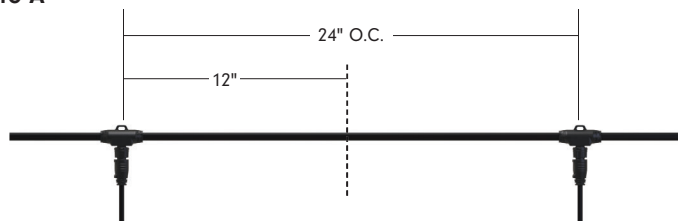
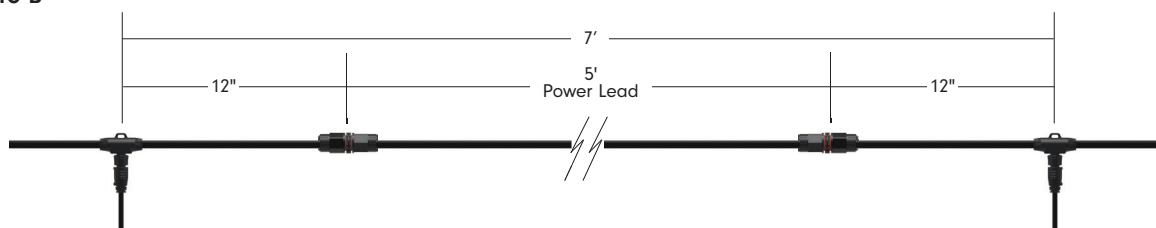


Figure B



\*Contact Factory for MOQ and lead time

Tivoli, LLC. reserves the right to modify this specification without prior notice.

## Specification

### Output

On-Center Spacing	24"	36"	48"
Lumens/ft	45	30	N/A
Watt/ft	.48	.32	.24
Maximum Run Length	50'	100'	120'
Weights (Strand and Cable)	0.12	0.1142	0.11

### Drop Length & Weight

Drop Length	6"	12"	24"	36"	48"	60"
Weights (Drop Only)	CF	0.21	0.29	0.37	CF	CF
Weights (Drop and G125 Globe)	CF	0.48	0.56	0.64	CF	CF
Weights (Drop and ST19 Globe)	CF	0.38	0.46	0.54	CF	CF

### Electrical

Input Voltage	12V DC
Power Supply	Class 2
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

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 Listed
Lumen Maintenance (L70) Hours	60,000
Environment	Wet Location
IP Rating	IP65
Warranty	3 years



## Mounting Example



## Mounting Accessories



### LS-CABLE-XXX

**XXX = 60** (60'), **110** (110'),  
**500** (500')

Note: 1/8" Galvanized cable  
includes 2 cable locks for use with  
loads up to 200lbs



### LS-LOCKX

**X = 2** (2 locks), **4** (4 locks)

Cable lock for 1/8" cable  
Note: Includes (1) cable release  
key. Lock holds loads up to 200lbs



### LS-TT

Catenary Cable Tensioning  
Tool

Note: Up to 880lbs with minimal  
effort due to the 6:1 gear drive  
mechanism

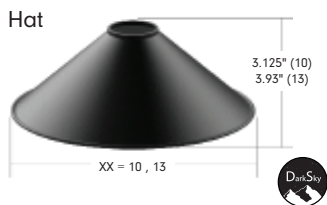


### LS-UVZP-BK-XX

**XX = 50** (50PCS), **30** (30PCS)

UV resistant, heavy duty ties  
Note: Maximum weight up to 100  
lbs/tie

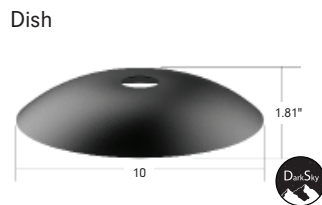
## Light Shade Accessories



### SHADE-HT-BK-XX-XX

**XX = BK** (black), **CO\*** (copper)  
**XX = 8** (8.3"), **13\*\*** (12.6")

Black top, black/copper bottom  
Weight: 0.46 lb (10), 1.2 lb (13)



### SHADE-DS-BK-BK-10

10.2"  
Black top, black bottom  
Weight: 0.76 lb



### SHADE-FL-BK-BK-XX

**XX = 10** (9.8"), **13** (13.8")

Black top, black bottom  
Weight: 0.63 lb (10), 1.48 lb (13)

\*Only available for 13 (Hat) \*\*Consult factory for lead time and MOQ

Tivoli, LLC. reserves the right to modify this specification without prior notice.



## Replacement Parts



**LSL-XX-V-12**  
**XX = 19, 27, 30, 35, 40, 50,**  
**AM, RD, RB, GR, YL, TS**  
 12V VHO Wedge Base LED  
 Sold each



**LSL2-EC-X**  
**X = B (black), W (white)**  
 Litesphere 2.0 End-Cap  
 Sold each  
**LSL2-EC-X-PX20**  
 Litesphere 2.0 End-Cap  
 20 pcs  
 Weight: 0.0375 lb

\*Contact Factory for MOQ and lead time

## In-Wall Controls



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



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



**TVOQ-2-BK**  
 Black  
 512 DMX channel, 99 scene,

## 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 50/60 Hz	12V DC	2	2x60W	5A
	ADNM-240-3-5-12-din-3				3	3x60W	3x5A