tivoli®



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
12 globe options to finish your design and achieve a personal look.



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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
- PET ADAPT Globe for shatter-proof performance
- IP65
- cULus
- 5 Year warranty

Dimensions



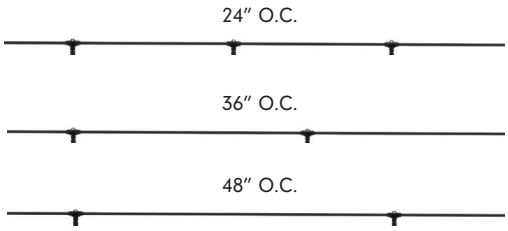
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1 - Strand Order Guide

PRODUCT CODE		PROFILE		STRAND COLOR		SPACING
LSD2	-	**STRND**	-		-	
LSD2 = Litesphere DROP 2.0		**STRND** = Strand		**BK** = Black		**24** = 24" OC
				WH = White*		**36** = 36" OC
						48 = 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
LSAD2	-	**DRP**	-		-		-	
LSAD2 = Litesphere ADAPT DROP 2.0		**DRP** = Drop		**BK** = Black		**19** = 1900K		**6** = 6"
				WH = White*		**27** = 2700K		**12** = 12"
						30 = 3000K		**24** = 24"
						35 = 3500K**		**36** = 36"
						40 = 4000K		**48** = 48"
						50 = 5000K		**60** = 60"
						AM = Amber		
						RD = Red		
						GN = Green		
						YL = Yellow		
						RB = Royal Blue		
						TS = Turtle Safe		



*Contact Factory for MOQ and lead time

**3500K CCT is recommended for best color result

3 - Globe Order Guide - Standard Globe

Note: Polyethylene Terephthalate (PET) globe for 100% shatter proof design

PRODUCT CODE		PROFILE		MATERIAL
LSA2	-		-	
LSA2 = Litesphere ADAPT Globe		**GIN** = Gina		**PET** = Polyethylene Terephthalate
		ANG = Angela		
		KAT = Katie		
		LUC = Lucia		
		BRE = Brenda		
		JEN = Jennifer		
		JOA = Joanne		
		MNQ = Manqi		

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ADAPT Globe /Replacement

Note: Polyethylene Terephthalate (PET) globe for 100% shatter proof design
PET globes should not be exposed to industrial alcohol



LSA2-MNQ-PET
Manqi PET Globe
Diffused Pearl Design



LSA2-LUC-PET
Lucia PET Globe
Clear Design



LSA2-JEN-PET
Jennifer PET Globe
Simulated Cracked Design



LSA2-JOA-PET
Joanne PET Globe
Simulated Fragmented Design



LSA2-GIN-PET
Gina PET Globe
Clear with Frosted Design



LSA2-KAT-PET
Katie PET Globe
Clear with Frosted Design
LSA2-KAT-F-PET
Slightly Frosted with
Frosted Design



LSA2-ANG-PET
Angela PET Globe
Clear with Frosted Design



LSA2-BRE-PET
Brenda PET Globe
Classic S19 Vintage Profile

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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

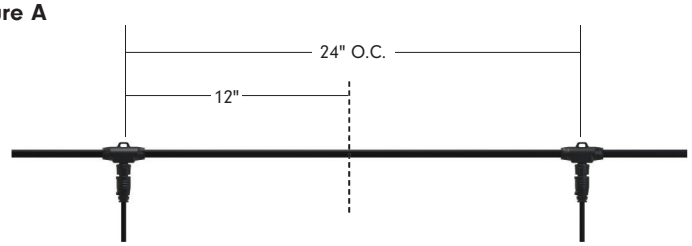
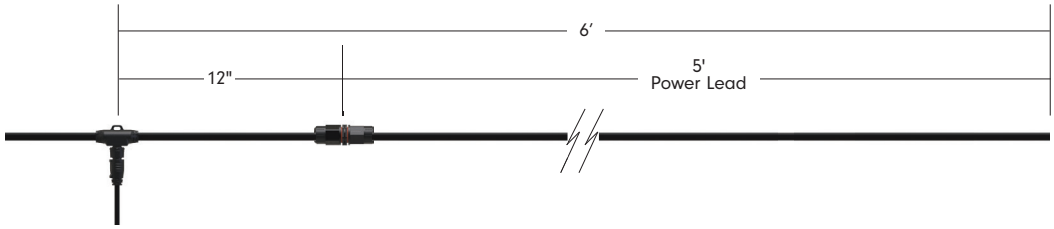


Figure B



*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

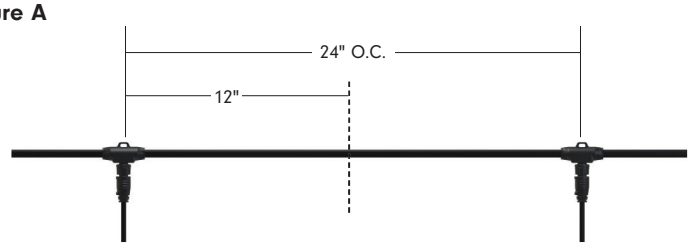
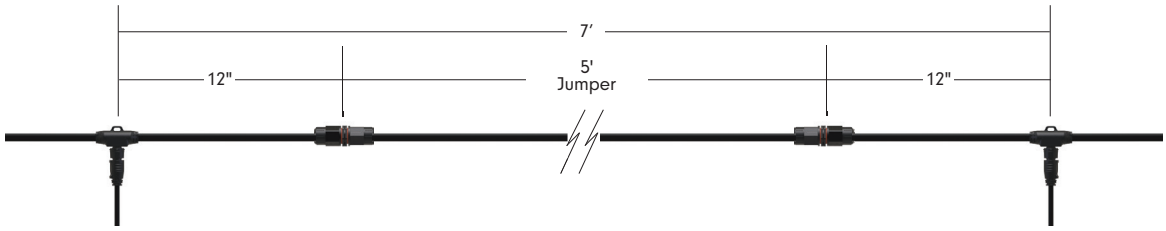


Figure B



*Contact Factory for MOQ and lead time

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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	CF	CF	CF	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	PET (Shatter proof)
Mounting	Surface Mount, Suspended
Operating Temperature	-40°C to 55°C (-40°F to 131°F)
Certification and Testing	
Certification	cULus Listed
Lumen Maintenance (L70) Hours	60,000
Environment	Wet Location
IP Rating	IP65
Warranty	5 years

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Mounting Example



Mounting Accessories

Warning: For suspension application, catenary cable is required to support the product, otherwise the warranty will be void.



LS-CABLE-XXX
XXX = **60** (60'), **110** (110'), **500** (500')
1/8" Galvanized cable includes (1) LS-LOCK-3-02



LS-LOCK-3-XX
XX = **02** (2 locks), **04** (4 locks)
Horizontal loading cable lock, Includes (1) cable release key and (1) allen key.
Note: 1/8"cable 66 lbs max load



LS-TT
Cable tensioning tool up to 880lbs with 6:1 gear drive with integral torque gauge controls



LS-UVZP-BK-XX
XX = **30** (30 pcs), **50** (50 pcs)
Black UV resistant, heavy duty ties maximum weight up to 100 lbs./per tie

Light Shade Accessories

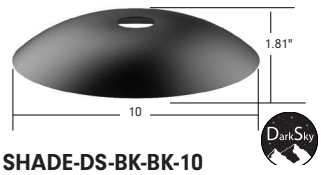
Note: Light Shade needed for DarkSky compliance

Hat



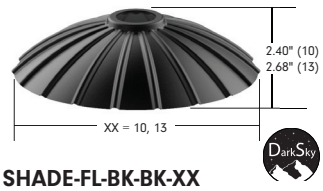
SHADE-HT-BK-XX-XX
XX = **BK** (black), **CO*** (copper)
XX = **8** (8.3"), **13**** (12.6")
Black top, black/copper bottom
Weight: 0.46 lb (8),1.2 lb (13)

Dish

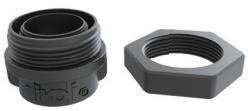


SHADE-DS-BK-BK-10
10.2" Black top, black bottom
Weight: 0.76 lb

Flower



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)



SHADE-ADP-LSL2-XX-XX
XX = **BK** (Black), **WH*** (White)
XX = **01** (1pc), **25** (25pcs), **50** (50pcs)
Litesphere 2.0 Shade Adapter kit
Note: One adaptor required for each shade

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

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Replacement Parts



LSL2-INT-X
X = **B** (black), **W*** (white)
Connector to join the strand
Sold each



LSL2-EC-X-(PK20)
X = **B** (black), **W*** (white)
Litesphere 2.0 End-Cap
Sold each
(add **PK20** for pack of 20)
Weight: 0.0375 lb/each



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

*Contact Factory for MOQ and lead time

In-Wall 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

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Power Supplies

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

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