LITESPHERE

The Original Spec Grade Strand Light

Discontinued

tivoli®

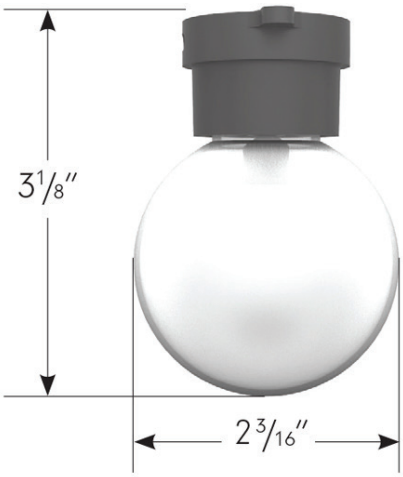
Project: _____ TYPE: _____

Product Features

- VHO LED is 23 Times brighter than our standard output LED
- Up to 90 lumens with a 0.96 watts per globe
- 12V DC Low voltage system for long runs
- IP65
- cULus
- 3 Year warranty

Dimmable Warranty IP65 LISTED

Dimensions



Discontinued

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Litesphere Ordering Guide

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

Product		Wire		Spacing		LED Type		CCT		Globe		Voltage	
LSL	-		-	**CS**	-		-		-		-	**1**	
Litesphere		**B**	Black	**CS**	Custom	**V**	Very High Output	**19**	1900K	**C**	Clear	**12**	12V DC
		W	White			**H**	High Output	**27**	2700K	**F**	Frosted		
						S	Standard Output	**30**	3000K		Yellow		
								35	3500K	**R**	Red		
								40	4000K	**O**	Orange		
								50	*5000K		Green		
								AM	*Amber		Blue		
									*Royal Blue	**P**	Purple		
									*Red	**Z**	Varied Colors		
									*Green				
								YL	Yellow				

Tivoli manufactures Litesphere to your specified lengths. Individual lengths and runs must be specified at time of ordering as a separate line item. See below for run length ordering information

For colored globes, 3500K recommended.

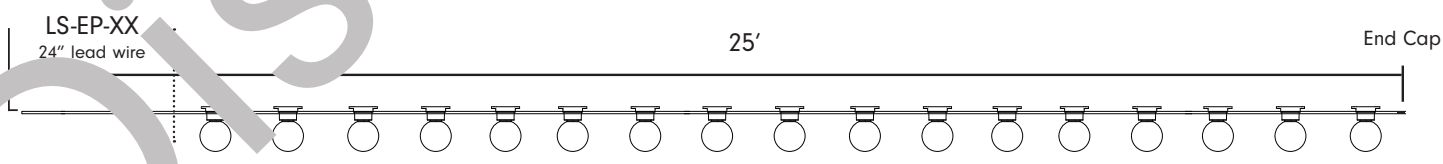
*Available in VHO LED only

Lengths, Runs and End-Prep Ordering Guide

With the example below, you will receive 3 runs at 25' with a standard factory 2' power lead in black or white wire.

Example: L25-3

L25	-	3
Length in feet		Number of Runs



Run and Lengths*

L___-X
L__= Length in feet are placed after the "L"
XX = Number of runs for each length

End-Prep*

LS-EP-X
X = B (Black), W (White)
Standard 24" factory lead wire included with each run

Extra End-Prep

LS-XEP-X-XX
X = B (Black), W (White)
XX = Length in feet (18ft max)
If extra lead wire is needed please add above part number

***REQUIRED**

Discontinued

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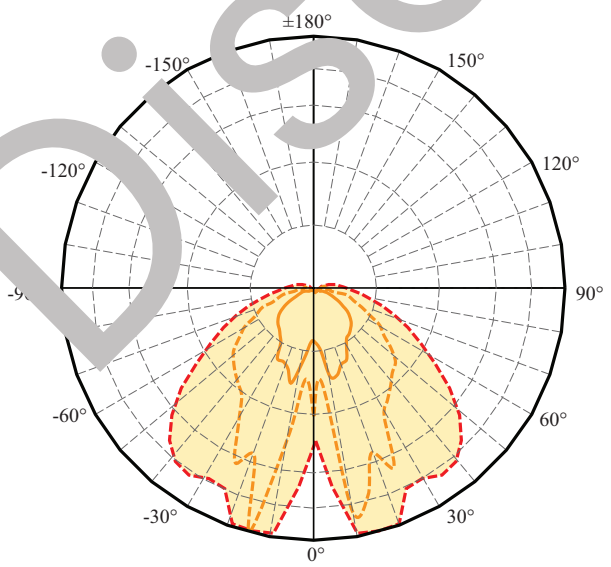
Specifications

Output - Based 3000K Clear Globe	Standard Brightness	Hight Output	Very H[illegible]n Outpu[illegible]
Efficacy	40	46	94
Lumens/globe	6	15	90.2
Electrical			
Input Voltage	12V DC		
Power Consumption (W/LED)	0.09	0.23	0.9[illegible]
Control			
Control System	0-10V, ELV, MLV, DMX 512		
Physical			
Dimensions	2 3/16"W x 3 1/8"H		
Socket Housing	PVC		
American Wire Gauge	16 AWG		
Globe	PC		
Mounting	Surface Mount, Su[illegible]ended		
Operating Temperature	-20°C to [illegible]°C (-4°F to [illegible]22°F)		
Storage Temperature	-40°C to 8[illegible] (-40°F to [illegible]°F)		
Certification and Testing			
Certification	cU[illegible]		
Environment	W[illegible]et Locatio[illegible]		
IP Rating	I[illegible]		
Warranty	3 Ye[illegible]		

Photometrics



Standard Output
High Output
Very High Output

Discontinued

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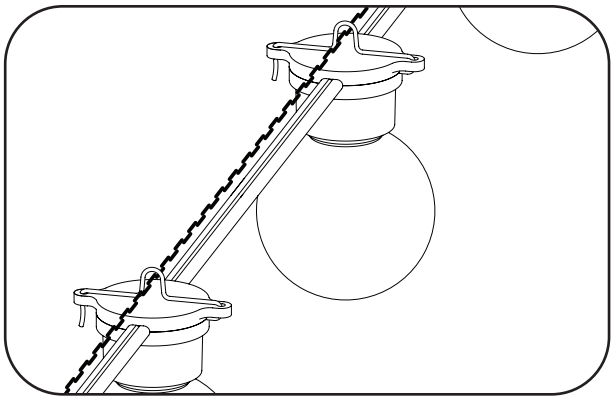
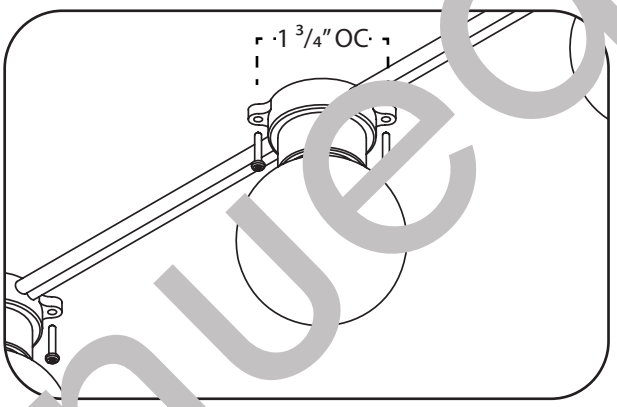
Mounting Options



Catenary cable hangers
(Hanger clips included, cable available)



irect/Su ce

Mounting Accessories

LS-CABLE-60 Cate ry Cable
(1/8" Stainless Steel cable in des 2 cable locks for use with loads up to 200lb

LS-CABLE-110 Ca y Cab Kit - 110'
(1/8" Stainless Ste le includes 2 cable lock r use with loads up to 200lbs)

LS-C -500 enary Cable Kit - 500'
(1/8" Stainles l cable fo with loads up to 200lbs)

LS-LOCK-4
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. Includes (2) Locks, (1) cable release key.

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-XX-50
X = BK (Black), WH (White)
50 pc Bag set. UV resistant, heavy duty ties.
Maximum weight up to 100 lbs./per tie.

LS-UVZP-XX-30
X = BK (Black), WH (White)
30 pc Bag set. UV resistant, heavy duty ties.
Maximum weight up to 100 lbs./per tie.

LS-HANG-CLIP
EXTRA individual socket hanger clips for 8 gauge stainless steel aircraft cable
(Sold Each)

Note: The above part # is for additional clips only. Each socket will have (1) hanger clip at the time of ordering

Discontinued

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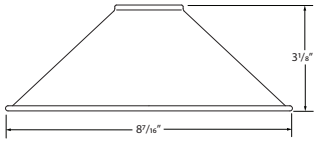
Light Shades

HAT



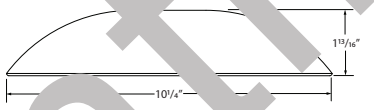
SHADE-HT-BK-BK-8
Light Shade - HAT
8.3" Black Top, Black Bottom

SHADE-HT-[illegible]-13
Light [illegible]ade - HA[illegible]
12.6" Black[illegible]Black Botto[illegible]

***SHADE-[illegible]T-BK-CO-13**
Light Shade - [illegible]T
[illegible]" Black Top, Coppe[illegible]tom

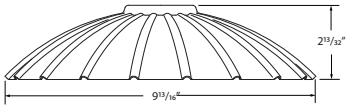
*Co[illegible]t factor[illegible]r lead time and MOQ

DISH

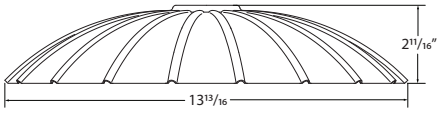


S[illegible]DE-DS-BK-[illegible]-10
Ligh[illegible]ade - DISH
10.2" Blac[illegible]Black Bottom

FLOWER



SHADE-FL-BK-BK-10
Light Shade - FLOWER
9.8" Light Shade , Black Top, Black Bottom



SHADE-FL-BK-BK-13
Light Shade - FLOWER
13.8" Light Shade, Black Top, Black Bottom

Accessories

SHADE-ADP-LSL-BK-01 Litesphere Light Shade Adapter
PVC Black Adapter - Sold individually. Includes (1) Adapters, (1) Adapter bracket, (2) set screws and (1) Allen Key

SHADE-ADP-LSL-BK-10 Litesphere Light Shade Adapter
PVC Black Adapter Kit - Sold in packs of 10. Includes (10) Adapters, (10) Adapter bracket, (20) set screws and (1) Allen Key

SHADE-ADP-LSL-BK-25 Litesphere Light Shade Adapter
PVC Black Adapter Kit - Sold in packs of 25. Includes (25) Adapters, (25) Adapter bracket, (50) set screws and (1) Allen Key

SHADE-ADP-LSL-BK- 50 Litesphere Light Shade Adapter
PVC Black Adapter Kit - Sold in packs of 50. Includes (50) Adapters, (50) Adapter bracket, (100) set screws and (1) Allen Key

Discontinued

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Replacement Parts

Note: All replacement globes come with (1) foam washer each.

LS-CG
Clear

LS-FG
Frosted

LS-YG
Yellow

L RG
ed

LS-OG
Orange

LS-G
Green

LS-BG
Blue

LS-PG
Purple

Very High Output

Standard & High Output

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

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

HIGH OUTPUT
LSL-19-H-12
12V Wedge base
1900K
LSL-27-H-12
12V Wedge base
2700K
LSL-30-H-12
12V Wedge base
3000K
LSL-35-H-12
12V Wedge base
3500K
LSL-40-H-12
12V Wedge base
4000K

LSL-
12V Wedge base
1900K
LSL-27-V-12
12V Wedge base
2700K
LSL-30-V-12
Wedge base
30
LSL-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

Discontinued

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Power Supplies

ADNM - NON DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	MAX LOAD	CIRCUIT BREAKERS	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-60-1-5-12-D	Indoor / Outdoor	100-277V AC 50/60 HZ	12V DC	60W	1	5A
	ADNM-80-1-5-12-D				80W	1	5A
	ADNM-150-2-5-12-D				2x80W	2	2x5A
	ADNM-240-3-5-12-D				3x80W	3	3x5A
	ADNM-320-4-5-12-D				4x80W	4	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

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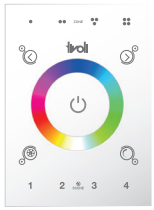
Power Supplies

INFINITY - 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-J-30-1-2.5-12	Indoor / Outdoor	100 - 277V AC	12VDC	1	30W	[illegible]	[illegible]
	INF-J-60-1-5-12				1	60W	[illegible]	5A
	INF-J-180-3-5-12				3	3x60W	3x6W	3x5A
	INF-J-300-5-5-12				5	5x60W	5x[illegible]	5x5A

Controls



Touchscreen

TVOQ-1-WH
WH (White only)
512 DMX channel, 16 scene,
4 zone, glass touch screen

Touchscreen

TVO[illegible]-10-XX-7
XX [illegible]K (Black), WH (White)
[illegible]4 DMX channel, 500 scene,
10 zone, glass touch screen

Touchscreen

TVOQ-2-XX
XX = BK (Black), WH (White)
512 DMX channel, 99 scene,
1 zone, glass touch screen

Discontinued

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