

tivoli



**LITESPHERE
DROP**

Litesphere Drop String Light

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 Paten 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 3 length options and a custom offering for additional lengths.

- LIGHT ENGINE**

Up to 90 lumens each and 3 light intensities to choose from. Available in Standard, High Output and Very High Output. 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

- GLOBES**

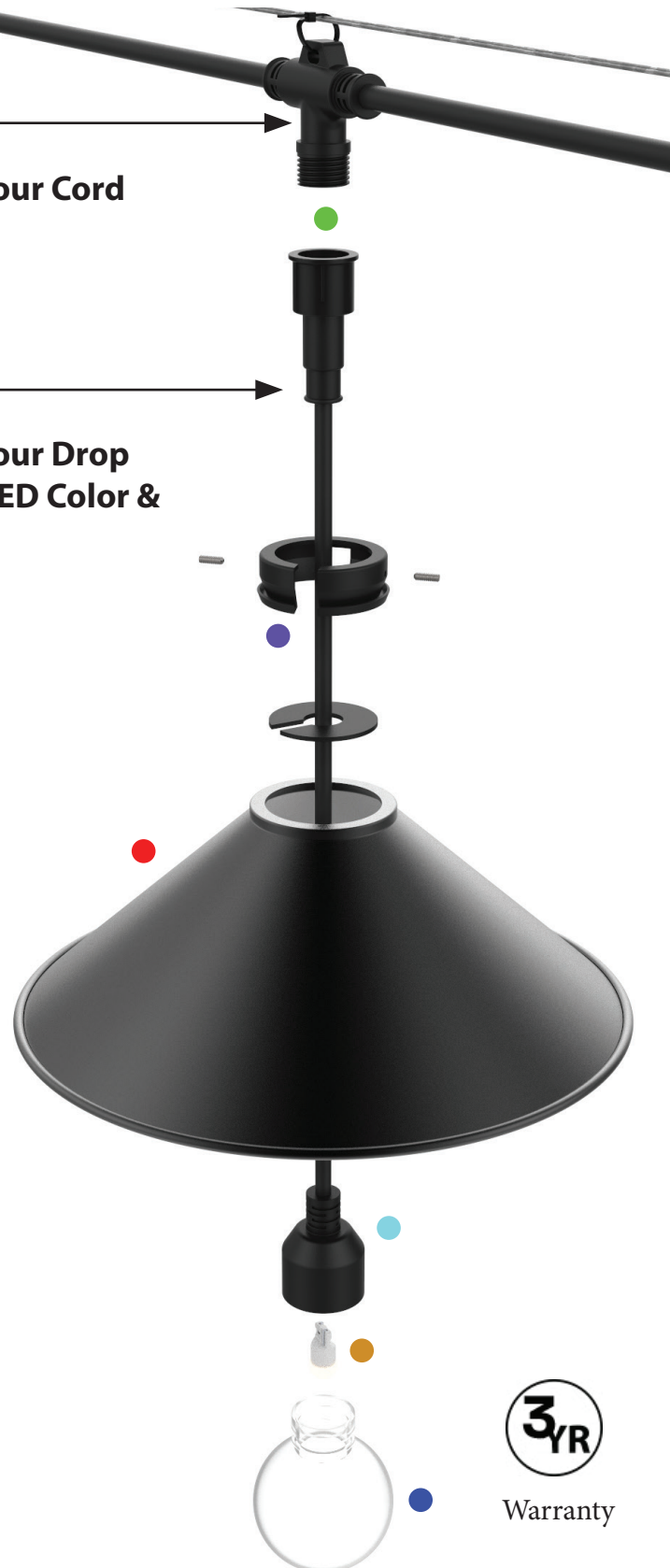
8 globe options to finish your design and achieve a personal look.

1

Choose Your Cord

2

Choose Your Drop Length, LED Color & Globe



1 Choose Your Cord

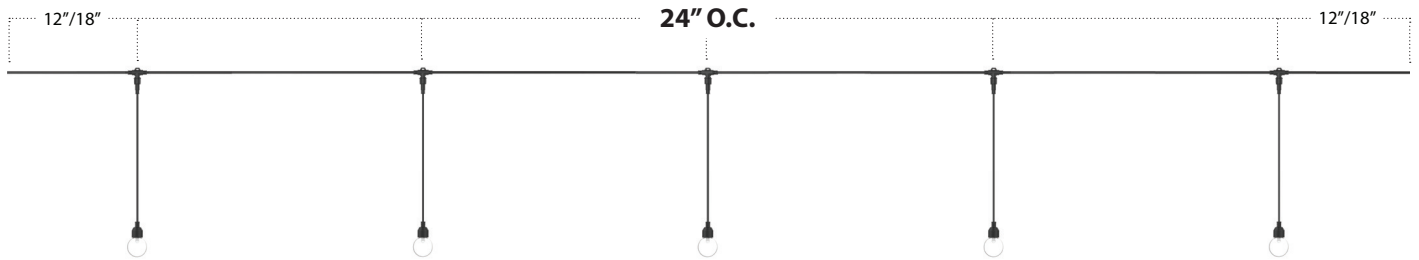


Order Information

LSD-STRND-24

50' BLACK, 24" OC, strand only (no DROP)

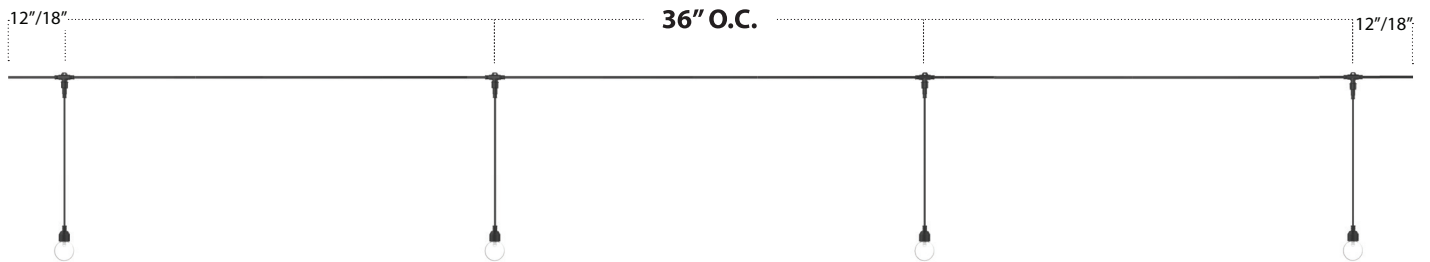
NOTE: (1) LSD-LEAD-10 must be ordered with each, complete electrical maximum run. See page 9 for details.



Order Information

LSD-STRND-36

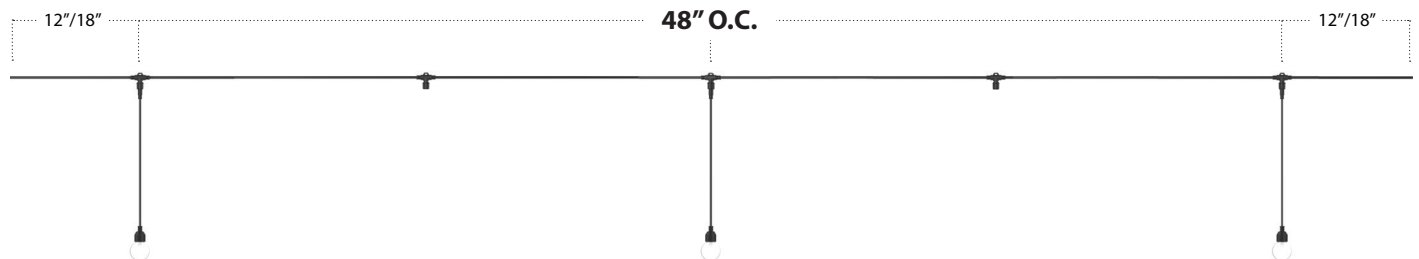
50' BLACK, 36" OC, strand only (no DROP)



Order Information

LSD-STRND-48

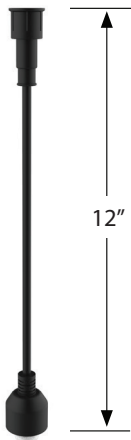
50' BLACK, 24" OC strand - Staggered T-Socket with capped spacing to 48" OC, strand only (no DROP) Includes T-Socket Caps.



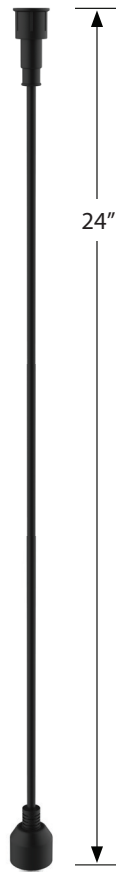
2 Choose Your DROP Length, LED Color & Globe



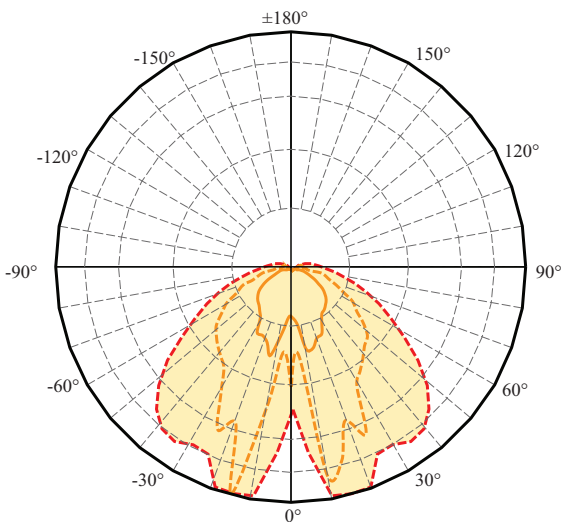
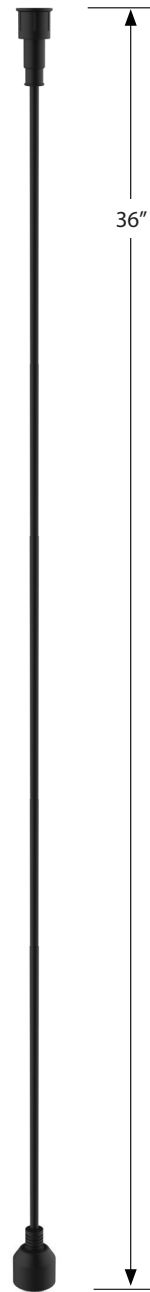
12": 0.15 lbs.



24": 0.19 lbs.



36": 0.22 lbs.



- Standard Output
- - - High Output
- - - Very High Output

Order Information

All DROPS are pre-built with STANDARD, HIGH OUTPUT or VHO LED chip and globe choice - Ready for field installation.

Product	Style	LED Type	CCT	Globe	DROP LENGTH
LSD	DRP =				
Litesphere DROP	DRP =	DROP			
		V Very High Output	19 1900K	C Clear	12 12"
		H High Output	27 2700K	F Frosted	24 24"
		S Standard Output	30 3000K	Y Yellow	36 36"
			35 3500K	R Red	
			40 4000K	O Orange	
			50 *5000K	G Green	
			AM *Amber	B Blue	
			RB *Royal Blue	P Purple	
			RD *Red	Z Varied Colors	
			GN *Green		
			YL *Yellow		

*Available in VHO LED only

For colored globes, 3500K recommended.

Lumens Per Watt S 40 H 46 V 94

Tested @ 3000K w/ clear globe

*Max run lengths based on Tivolis recommended lumen drop.
**Weights are based on (1) 50' single run ONLY - no globe or drop attached.

24" OC

STD				HO				VHO			
LUMENS/FT	*MAX ELECTRICAL RUN	WATT/FT	**WEIGHT (50' STRAND ONLY)	LUMENS/FT	*MAX ELECTRICAL RUN	WATT/FT	**WEIGHT (50' STRAND ONLY)	LUMENS/FT	*MAX ELECTRICAL RUN	WATT/FT	**WEIGHT (50' STRAND ONLY)
3	200'	0.04	3.56 lbs.	7	130'	0.12	3.56 lbs.	45	50'	0.48	3.56 lbs.

36" OC

STD				HO				VHO			
LUMENS/FT	*MAX ELECTRICAL RUN	WATT/FT	**WEIGHT (50' STRAND ONLY)	LUMENS/FT	*MAX ELECTRICAL RUN	WATT/FT	**WEIGHT (50' STRAND ONLY)	LUMENS/FT	*MAX ELECTRICAL RUN	WATT/FT	**WEIGHT (50' STRAND ONLY)
2	250'	0.03	3.89 lbs.	5	150'	0.077	3.89 lbs.	30	100'	0.32	3.89 lbs.

48" OC

STD				HO				VHO			
LUMENS/FT	*MAX ELECTRICAL RUN	WATT/FT	**WEIGHT (50' STRAND ONLY)	LUMENS/FT	*MAX ELECTRICAL RUN	WATT/FT	**WEIGHT (50' STRAND ONLY)	LUMENS/FT	*MAX ELECTRICAL RUN	WATT/FT	**WEIGHT (50' STRAND ONLY)
1.5	300'	0.02	3.56 lbs.	3.5	200'	0.06	3.56 lbs.	22.5	120'	0.24	3.56 lbs.

Globe Choice

Each globe comes with (1) O-Ring



LS-RG
**Red



LS-OG
**Orange



LS-GG
**Green



LS-BG
**Blue



LS-PG
**Purple



LS-YG
**Yellow



LS-CG
Clear

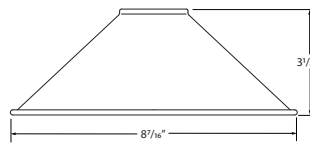


LS-FG
Frosted

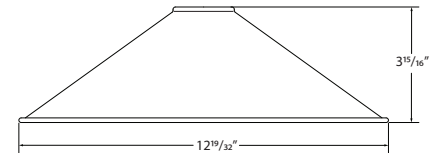
**3500K recommended for colored globe.

Light Shades

HAT



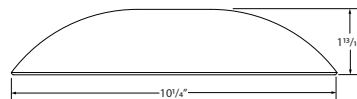
SHADE-HT-BK-BK-8
Light Shade - HAT
8.3" Black Top, Black Bottom



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

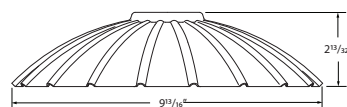
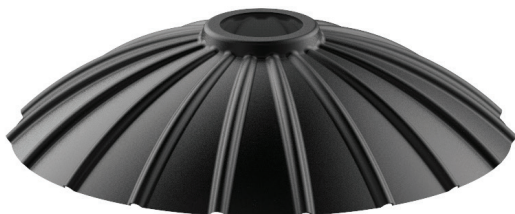
*Consult factory for lead time and MOQ

DISH

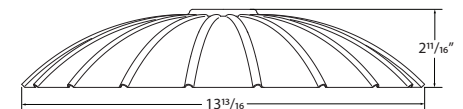


SHADE-DS-BK-BK-10
Light Shade - DISH
10.2" Black Top, Black Bottom

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



Shade Adapter Assembly Example

Accessories

SHADE-ADP-BK-01 Light Shade Adapter - Single

PVC Black Adapter - Sold individually. Includes (1) Adapter, (1) Adapter plates, (2) set screws and (1) Allen Key

SHADE-ADP-BK-26 Light Shade Adapter - 24" OC

PVC Black Adapter Kit - Sold in packs of 26. Includes (26) Adapters, (26) Adapter plates, (52) set screws and (1) Allen Key

SHADE-ADP-BK-17 Light Shade Adapter - 36" OC

PVC Black Adapter Kit - Sold in packs of 17. Includes (17) Adapters, (17) Adapter plates, (34) set screws and (1) Allen Key

SHADE-ADP-BK-13 Light Shade Adapter - 48" OC

PVC Black Adapter Kit - Sold in packs of 13. Includes (13) Adapters, (13) Adapter plates, (26) set screws and (1) Allen Key

Mounting

Multi-purpose cable with cable locks for quick, reliable support up to 330 pounds of load and spans from 60 - 500 feet.

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



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

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

LS-CABLE-500 Catenary Cable Kit - 500'
 (1/8th" stainless steel aircraft 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 Tensioning Tool
 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.

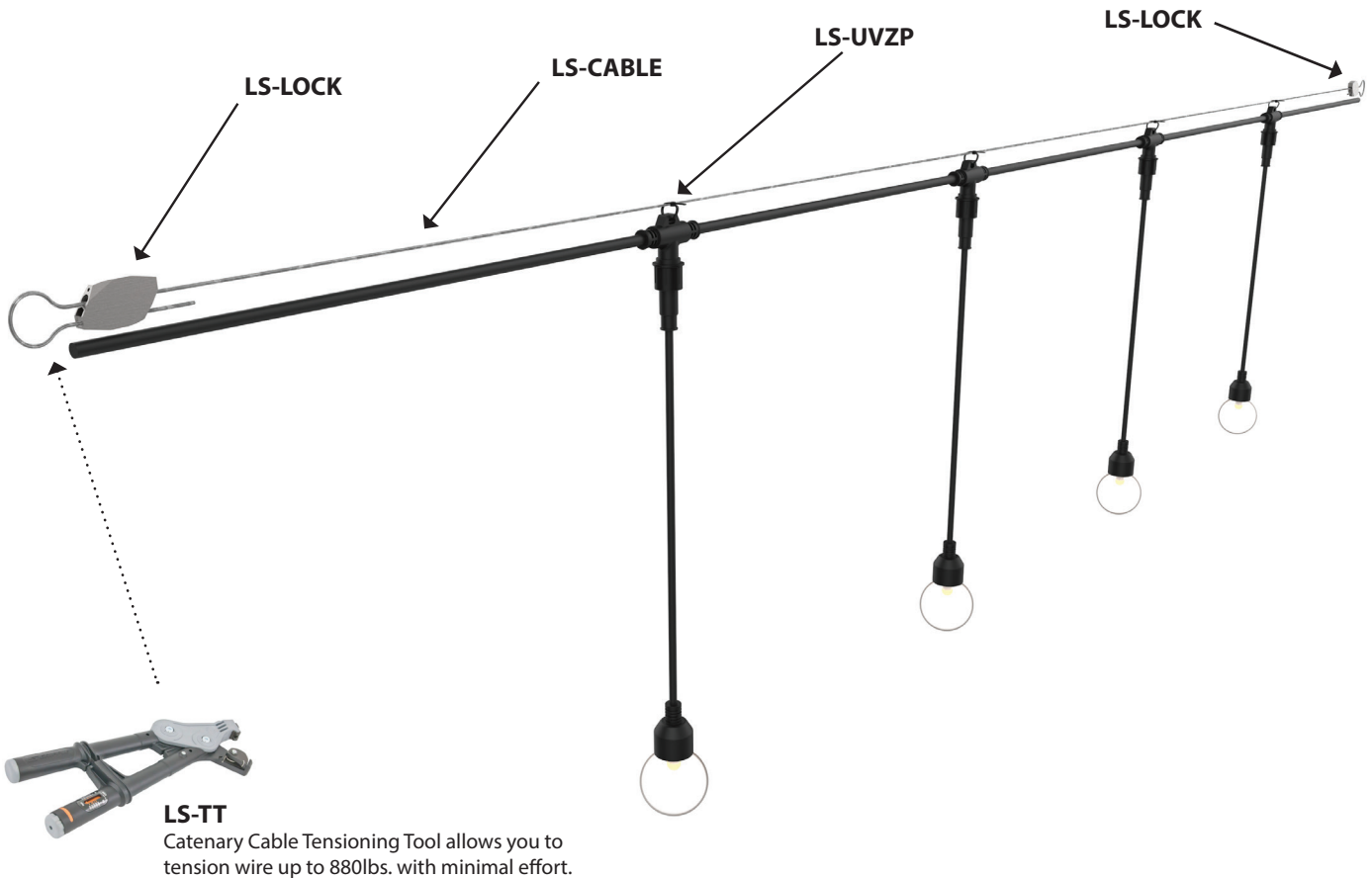


LS-UVZP-BK-50 UV Zip Ties
 50 pc Bag set. UV resistant, heavy duty ties. Maximum weight up to 100 lbs./per tie.



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

Installation with Suspension Cable



Replacement Parts

LS Globes: All replacement globes come with (1) washer each.



LS-OG
Orange



LS-GG
Green



LS-BG
Blue



LS-PG
Purple



LS-RG
Red



LS-YG
Yellow



LS-CG
Clear



LS-FG
Frosted

Light Engine



Very High Output



Standard & High Output

Very High Output		Standard & High Output	
Model	Specs	Model	Specs
LSL-19-V-12	12V Wedge base 1900K	STANDARD	HIGH OUTPUT
LSL-27-V-12	12V Wedge base 2700K	LSL-19-S-12	LSL-19-H-12
LSL-30-V-12	12V Wedge base 3000K	12V Wedge base 1900K	12V Wedge base 1900K
LSL-35-V-12	12V Wedge base 3500K	LSL-27-S-12	LSL-27-H-12
LSL-40-V-12	12V Wedge base 4000K	12V Wedge base 2700K	12V Wedge base 2700K
LSL-50-V-12	12V Wedge base 5000K	LSL-30-S-12	LSL-30-H-12
		12V Wedge base 3000K	12V Wedge base 3000K
		LSL-35-S-12	LSL-35-H-12
		12V Wedge base 3500K	12V Wedge base 3500K
		LSL-40-S-12	LSL-40-H-12
		12V Wedge base 4000K	12V Wedge base 4000K

Lead Wire



LSD-LEAD-10
10' Lead Wire IP67 Female Twist Connection to SJTW 16AWG/2C bare wire.

End Cap



LSD-EC-PK20
BLACK, T-Socket End Cap, PVC
- sold in packs of 20

Recommended 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 5ø60 HZ	12V DC	60W	1	5A
	ADNM-80-1-5-12-D				60W	1	5A
	ADNM-150-2-5-12-D				2x60W	2	2x5A
	ADNM-240-3-5-12-D				3x60W	3	3x5A
	ADNM-320-4-5-12-D				4x60W	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 5ø60 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 5ø60 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 5ø60 Hz	12V DC	2	2x60W	5A
	ADNM-240-3-5-12-DIN-3				3	3x60W	3x5A

Recommended 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	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

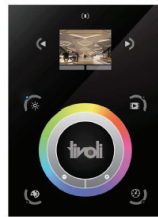
Controls



Touchscreen

TVOQ-1-WH

WH (White only)
512 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-XX

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