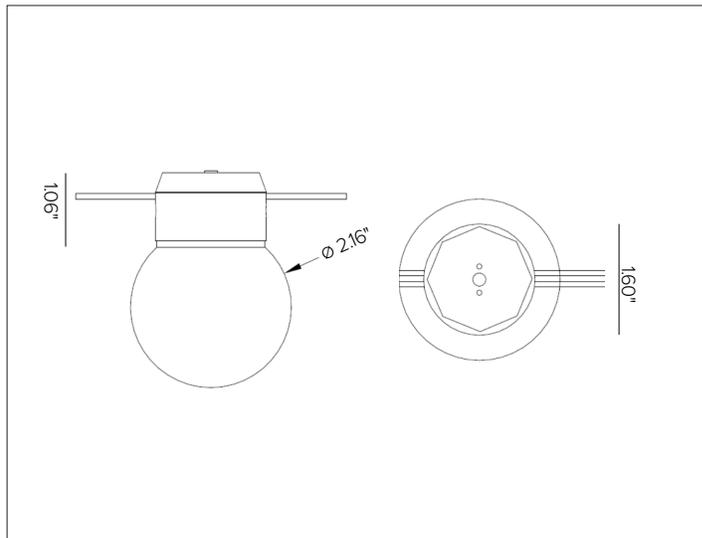


INTELLISTRAND

Low Voltage Strand



CONCEPT

Low voltage cable light strand, perfect for festoon mounting, taugth or swayed.

MECHANICAL CHARACTERISTICS

Power Connection	16-3 cable with factory attached sockets.	
Spacing	12" O.C. / 24" O.C.	
Installation	For festoon mounting, fixture can be mounted to aircraft cable or secured with cable ties. Recommended for use with cable wrap option to encase both aircraft cable and Intellistrand cable for a clean, one wire look. For surface mounting, the flat back of the fixtures can secured with surface mount clip.	
Protection	IP65	
Weight	0.25Lbs per socket	
Max. Length	12" O.C.: 50' max per run	24" O.C.: 100' max per run

CERTIFICATIONS

cETLus Class 2 Wet Listed 4007019
Energy efficient for California installations
Tested in accordance RoHS3 EU 215/863

WARRANTY

5 year limited warranty

ELECTRICAL CHARACTERISTICS

Power Supply	Remote Class 2 120V-277V AC power supply required, ordered separately
Wattage	15W/Sphere
Voltage	24V DC

SOURCE

High efficiency LED diodes.

TM30	CCT (Nominal)
	2300K <input type="checkbox"/>

OPTIC

Polycarbonate spherical opal lens.



Beam	Opal 200°	
Delivered Lumens	2300k	67Lm/Sphere
Efficacy	45Lm/W	
Lifetime	L90 40,000hrs at max TA +25°C	

INTELLISTRAND

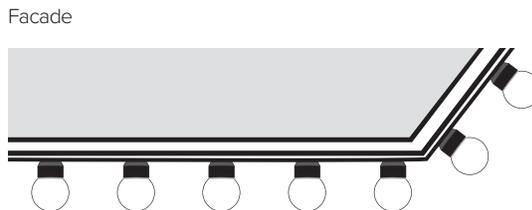
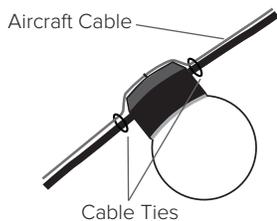
SPECIFICATION INFORMATION

IN	CL									
1	2	3	4	5	6	7	8	9	10	11
						REQUIRED		OPTIONAL	REQUIRED	OPTIONAL

Ex: INCL1WW1224 / INTEL09 / INTEL18 / DMLE301242UD

1 - PRODUCT CODE	2 - TYPE	3 - WATTAGE	4 - COLOR TEMP	5 - SPACING	6 - VOLTAGE
IN – INTELLISTRAND	CL – Cable Light	1 – 1.5W	WW – 2300K	12 – 12" O.C. 24 – 24" O.C.	24 – 24V DC
7 - CONNECTION	8 - END CAP	9 - MOUNTING	10 - POWER SUPPLY	11 - DECORATIVE	
10ft 2 Pole Connector See section for details 20ft 2 Pole Connector See section for details T-Split Cable Connector See section for details	End Cap See section for details	Aircraft Cable See section for details Spiral Cable Wrap See section for details Black PVC Mounting See section for details	Power Supply See section for details	Decorative Shade See section for details	

INSTALLATION EXAMPLES



Straight (shown with DLDSLWRAP) Recommended



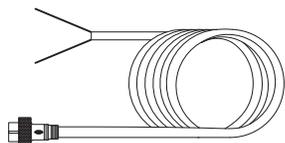
Swayed



INTELLISTRAND

7 - CONNECTION CABLE (REQUIRED)

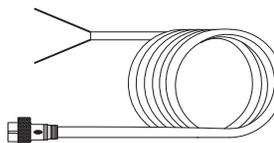
Length of connection cables must be included in max length calculation



Low voltage Lead cable 10ft length with 2-pole female connector.

Finish Black

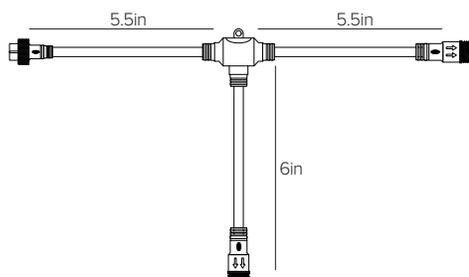
Part No. **INTEL09**



Low voltage Lead cable 20ft length with 2-pole female connector.

Finish Black

Part No. **INTEL19**

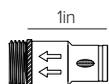


T-split cable with 1ea 2-pole female connector and 2ea 2-pole male connector.

Finish Black

Part No. **INTEL109**

8 - END CAP (REQUIRED)



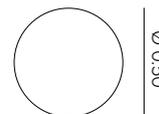
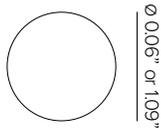
End cap. 2-Pole Male Connector.

Finish Black

Part No. **INTEL18**

INTELLISTRAND

9 - MOUNTING (OPTIONAL)



Stainless steel aircraft cable, available per foot. **Recommended 1/16" aircraft cable for wall to wall installation configurations, 3/32" aircraft cable for pole to pole installation configurations. For straight/taught installations, add an additional 5ft to each run for fixing lead and end connections.**

Spiral cable wrap, available per foot. **To be used with aircraft cable to encase aircraft cable and DURALED LIGHT CABLE for a clean one wire look. 1.5ft of wrap needed to span evenly per 1ft of cable.**

Load	1/16" Dia., up to 70Lbs load	3/32" Dia., up to 150Lbs load
Weight	1/16" SS Cable 0.0085 lbs/ft	3/32" SS Cable 0.02 lbs/ft
Part No.	DLDCCLAC1/16SS	DLDCCLAC3/32SS

Finish	● Black
Part No.	DLDSLWRAP

10 - POWER SUPPLY (REQUIRED)

ENCLOSURE

Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DMLE301242UD	30W	MLV / ELV / 0-10V / TRIAC	1%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD MLE-UD electronic driver with wiring compartment.
DMLE601242UD	60W	MLV / ELV / 0-10V / TRIAC	1%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD MLE-UD electronic driver with wiring compartment.
DMLE961242UD	96W	MLV / ELV / 0-10V / TRIAC	1%	NEMA3R	120-277V / 24V	UL Class 2	5.16" X 7.73" X 1.54"	EMCOD MLE-UD electronic driver with wiring compartment.
DMLE1922242UD	2X96W	MLV / ELV / 0-10V / TRIAC	1%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	EMCOD MLE-UD electronic driver with wiring compartment.
DMLE2882242UD	3X96W	MLV / ELV / 0-10V / TRIAC	1%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	Magnitude SOLIDrive electronic driver with built in junction box.

11 - DECORATIVE (OPTIONAL)



Bottom



Top

Black PVD Shown

Decorative shade accessory.
Weight: 16 oz.

Finish ● Stainless Steel ● Bronze PVD* ● Black PVD*

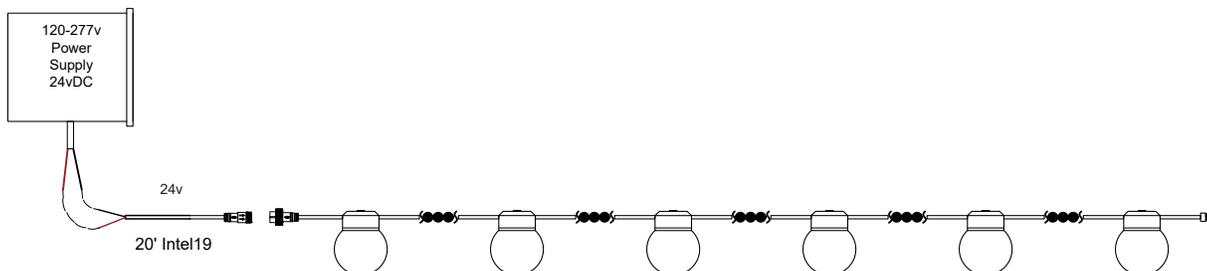
*Physical Vapor Deposition

Part No. **INCLSHADESS** **INCLSHADESSBZ** **INCLSHADESSBL**

INTELLISTRAND

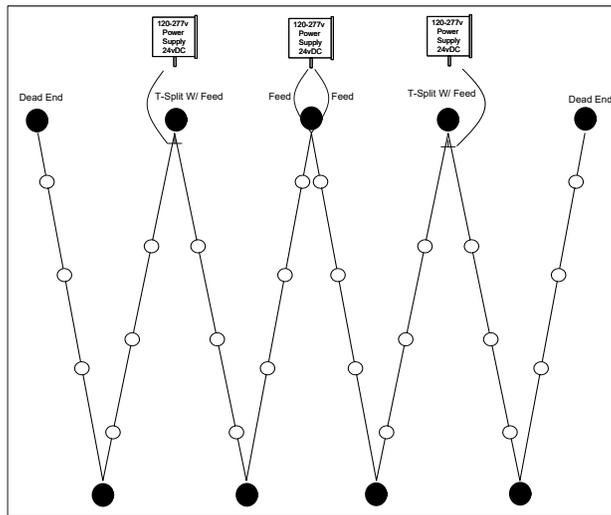
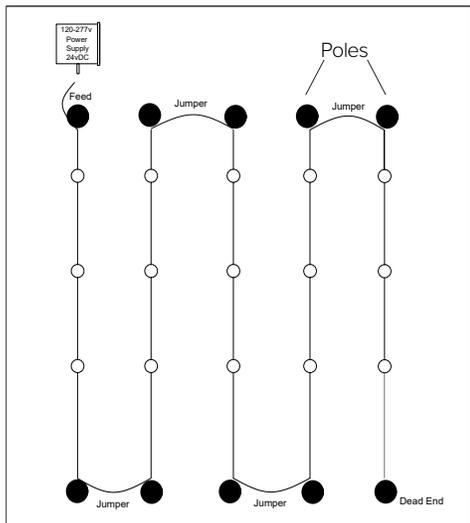
SYSTEM LAYOUT EXAMPLE DIAGRAM

Driver must be installed within 20 feet of start strand.



POSSIBLE CONFIGURATIONS

Targetti USA can supply project specific wiring diagrams upon request.



PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

