

Project

Type

Date

# liniLED® Diffused - 24V DC

2400K, 2700K, 3000K, 4000K, 6500K

- Only 2.7 W/ft.
- Top and Side (asymmetric)
- Hollow chamber extrusion protects phosphors
- Very flexible (bend radius > 5.9")
- Dimmable
- Osram LEDs
- Life > 50,000 hours (LM79)
- Professional quality manufacturer
- Made in EU/USA



liniLED® Diffused Top Bending 0.5"



liniLED® Diffused Top Bending 0.70"



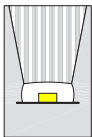
liniLED® Diffused Side Bending 0.5"

### liniLED® Diffused

Suitable for exterior or interior, liniLED® Diffused uses 2.7W per ft. Mount directly self-adhesive channels. liniLED® Top enables vertical bends and liniLED® Side enables horizontal curves for circular coves or columns. Dimmable with 0-10v; wireless Bluetooth; or select direct 120V dimmable drivers. Choose Top bending or Side bending to meet the unique requirements of your installation.

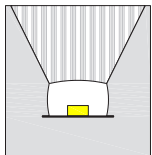
Manufactured completely in the US/EU as a single piece very flexible PVC co-extrusion with built-in reflectors. The unique hollow chamber ensures that there is no pressure on the LEDs, ensuring phosphor color stability and LED lifetime. Suitable for installation in continuous runs up to 33ft. Order as preassembled cut and connected lengths.

Top bending 0.5"



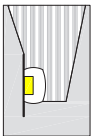
0.5" W x 0.70" H

Top bending 0.70"



0.70" W x 0.70" H

Side bending 0.5"



0.5" W x 0.70" H

### liniLED® Diffused Specifications

LED	Osram Duris® E3
Number of LEDs	6 per section / 36 per ft
LED White	2400K / 2700K / 3000K / 4000K / 6500K
Beam / Flux	34 lm/ft to 60 lm/ft
Dimensions	<b>Top 0.5"</b> (H 0.70" x W 0.50"); <b>Top 0.70"</b> (H 0.70" x W 0.70") <b>Side 0.5"</b> (H 0.70" x W 0.5")
Length	Change to Up to 33; factory cut every 2"
Bend Radius	5.9"
Indoor or Outdoor	IP68 with Mirror welded connectors
Watts and Voltage	24VDC; 2.7 W/ft; ETL / CE
Material	UV/IR protected PVC encapsulation
Dimmable	Pulse Width Modulation, or 0-10V; or 120V Electronic with special power supply
Life	50,000 hours white; Up to 60,000 hours for colors (mfc. data at 104°F) LM-79, 5 year limited warranty
24VDC	Select appropriate wattage power supplies, according to run length and number of runs
Accessories	Mount directly with brackets, self-adhesive transparent channels, or in our aluminum extrusions and select Power supplies from our extensive range. Organic Lighting provides a full range of accessories for mounting, powering, and controlling.

### liniLED® Top Diffused 0.5"

OLS Part #	Color	Max length	LEDs/ft	V/DC	Current (A)	CRI	lm/ft	W/ft	Bin
11829	2400K	33 ft.	33	24	350mA	> 90	62	2.8	±50
11830	2700K	33 ft.	33	24	350mA	> 90	62	2.8	±50
11831	3000K	33 ft.	33	24	350mA	> 90	62	2.8	±50
11832	4000K	33 ft.	33	24	350mA	> 90	62	2.8	±50
11833	6500K	33 ft.	33	24	350mA	> 90	62	2.8	±50

### liniLED® Top Diffused 0.70"

11799	2400K	33 ft.	33	24	350mA	> 90	62	2.8	±50
11800	2700K	33 ft.	33	24	350mA	> 90	62	2.8	±50
11801	3000K	33 ft.	33	24	350mA	> 90	62	2.8	±50
11802	4000K	33 ft.	33	24	350mA	> 90	62	2.8	±50
11803	6500K	33 ft.	33	24	350mA	> 90	62	2.8	±50

### liniLED® Side Diffused 0.5"

11819	2400K	33 ft.	33	24	350mA	> 90	62	2.8	±50
11820	2700K	33 ft.	33	24	350mA	> 90	62	2.8	±50
11821	3000K	33 ft.	33	24	350mA	> 90	62	2.8	±50
11822	4000K	33 ft.	33	24	350mA	> 90	62	2.8	±50
11823	6500K	33 ft.	33	24	350mA	> 90	62	2.8	±50

### Accessories

Clear or White P.E.T. adhesive backed or screwable channels or aluminum extrusions are available for mounting. Extension cords to interconnect strips. See page 2 for options.



Project

Type

Date

# liniLED® Diffused - 24V DC

## Connecting & Mounting

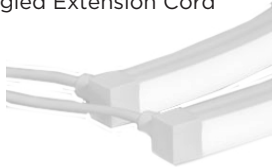
Angled Connectors



Straight Connectors



Angled Extension Cord



Straight Extension Cord



Clear PET 0.5" 011369



White PET 0.5" 011368



Clear PET 0.75" 011370



White PET 0.75" 011372



Flexible liniLED® LED strips can be installed on curved and/or flat surfaces, around pillars, in coves, and other curved outdoor or indoor areas. For linear installation, the liniLED® Aeris range of plastic and aluminum channels offer durable indoor and outdoor solutions.

The liniLED® range includes other linear mounting profiles, such as: Line Profiles, Wall-/Floor Profiles and Stair Profiles.

All profiles are available in standard lengths of 2 ft. to 8 ft. Custom lengths up to 16 ft. are available on request.

### Diffused Connectors

011246	liniLED® Diffused Connector Angle 3/4" x 3/4", 16'3"cord, IP68, end cap included
011261	liniLED® Diffused Connector Angle 1/2" x 3/4",16'3", IP68, end cap included
011251	liniLED® Diffused Connector Straight 3/4" x 3/4", 16'3"cord, IP68, end cap included
011271	liniLED® Diffused Connector Straight 1/2" x 3/4", 16'3"cord, IP68, end cap included
011276	liniLED® Diffused Extension Cord Angle 3/4" x 3/4", IP68
011277	liniLED® Diffused Extension Cord Angle 1/2" x 3/4", IP68
011278	liniLED® Diffused Extension Cord Straight 3/4" x 3/4", IP68
011279	liniLED® Diffused Extension Cord Straight 1/2" x 3/4", IP68
011280	liniLED® Diffused Connector Angle Male 3/4" x 3/4", IP68, end cap included
011281	liniLED® Diffused Connector Angle Female 3/4" x 3/4", IP68, end cap included
011282	liniLED® Diffused Connector Straight Male 3/4" x 3/4", IP68, end cap included
011283	liniLED® Diffused Connector Straight Female 3/4" x 3/4", IP68, end cap included
011284	liniLED® Diffused Connector Angle Male 1/2" x 3/4", IP68, end cap included
011285	liniLED® Diffused Connector Angle Female 1/2" x 3/4", IP68, end cap included
011286	liniLED® Diffused Connector Straight Male 1/2" x 3/4", IP68, end cap included
011287	liniLED® Diffused Connector Straight Female 1/2" x 3/4", IP68, end cap included

### Mounting Channels

011368	P.E.T. White Mounting Channel - self adhesive/screwable, Cuttable L39", 0.5"
011369	P.E.T. Clear Mounting Channel - self-adhesive/screwable, cuttable L39", 0.5"
011370	P.E.T. Clear Mounting Channel - self adhesive/screwable, Cuttable L39", 0.75"
011372	P.E.T. White Mounting Channel - self adhesive/screwable, Cuttable L39", .75"

