LINEAR FLEX TOP

Linear Flex TOP, DC24V, has bending direction vertically with radius of 150mm (5.9") and across section size: 16mm*15mm/0.63"x0.59" (W*H). It is IP68 protection, UV resistant and saltwater resistant via opal polyurethane coating. 3-Step Mac Adam bin and dot free will bring the most excellent performance for indoor-outdoor Application.

DIMENSION
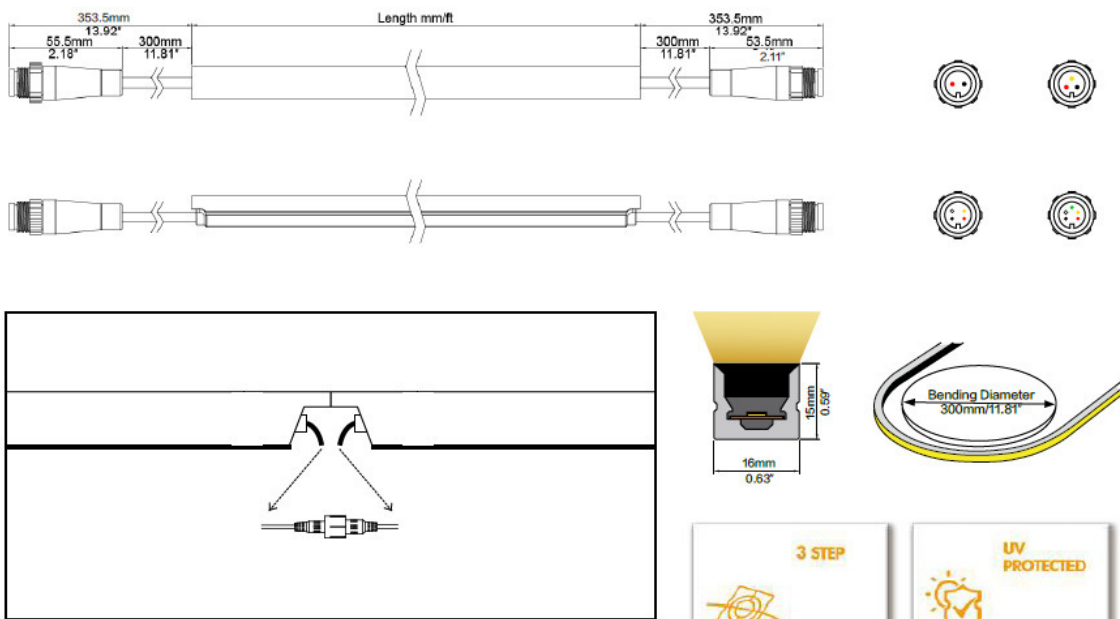
Electrical data

Voltage	DC24V (23.5Vmin, 24.5Vmax)
LED PIN Temperature	Max. 65°C /149°F
Storage Temperature	-25°C /-13°Fmin, 60°C /140°Fmax
Ambient Temperature	Ta_{min}=-2°C /-13°F, Ta_{max} (Table below)
CRI	Ra80/ Ra90 optional

LINERAR FLEX TOP	Low output	Mid output	High output
Power (W/m W/ft)	5/1.5	10/3.1	15/4.6
Efficacy (lm/W) @4000K	112	90	82.5
Max. Ambient temp. (Ta_{max})	50°C /122°F	45°C /113°F	35°C /95°F

CCT	5W (low output)		10W (mid output)		15W (high output)		Unit cut
	Lm/m	Max. run length	Lm/m	Max. run length	Lm/m	Max. run length	
2700K	498	24M	776	15M	1030	11M	41.666
3000K	516	24M	785	15M	1146	11M	41.666
3200K	496	24M	851	15M	1120	11M	41.666
3700K	540	24M	889	15M	1188	11M	41.666
4000K	564	24M	898	15M	1236	11M	41.666
5000K	537	24M	887	15M	1204	11M	41.666
6500K	513	24M	870	15M	1139	11M	41.666
T.W	544	22M	850	15M	1136	11M	50
W W	276	22M	432	15M	583	11M	50
C W	278	22M	435	15M	588	11M	50
Red	159	24M	253	15M	340	11M	41.666
Green	382	24M	507	15M	615	11M	41.666
Blue	94	24M	133	15M	152	11M	41.666
Amber	163	24M	239	15M	355	11M	41.666
Pink	263	24M	412	15M	557	11M	41.666
RGB	262	8M	411	5M	555	3M	71.429
RGBW	436	8M	673	5M	860	3M	71.429
W832	245	8M	407	5M	548	3M	71.429
W840	258	8M	432	5M	582	3M	71.429
W865	258	8M	432	5M	582	3M	71.429
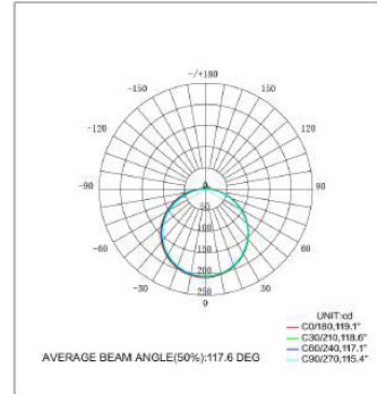
3000K IES File

1. T. W= Tunable White, W832= RGB+W3200K, Ra80.
2. Max. run length refers to single side feed in serial connect ion.
3. The given color temperature is the strip (after coating) color temperature.
4. The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
5. It is no IK-Rated, please don't walk on it without protection.3. The given color temperature is the strip (after coating) color temperature

VARIOUS CONNECTIONS

Front Cable Entry
The cable could be hidden in all directions by the flexible design.

Side Cable Entry
The cable could be perfectly hidden to achieve seamless light connection.

Bottom Cable Entry
The cable could be perfectly hidden to achieve seamless light connection.
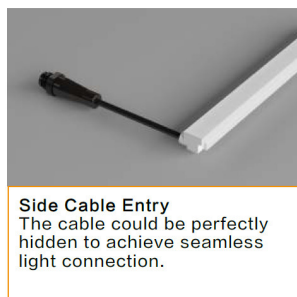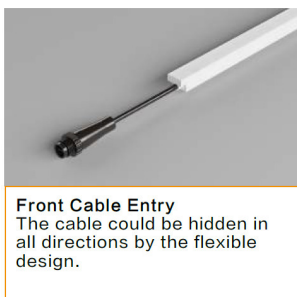
1. It is available in PRO/ADV version.
2. IP68= Full coating. TÜV IP68 certification could be provided.
3. Due to the tolerances of the production and electrical components, output values and electrical power can vary up to 10%.

APPLICATIONS
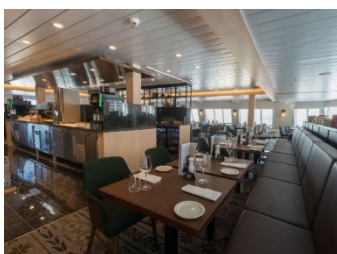
With opal polyurethane coating and dense LEDs per meter, the Linear Flex Mini can provide excellent homogeneous light surpass the traditional combination of aluminum profile and IP20 Led strips. 3- side emitting light is an incredible performance for the market. For indoor applications, the examples of Linear Flex Mini could be found in bars, stores, food areas etc. with 165° beam angle and 3-side emitting features, it could offer a perfect lighting effect for different project.
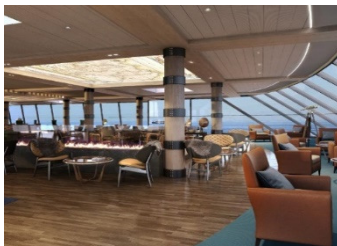
With bending radius of 300mm/11,81", the Linear Flex Top is extremely flexible to be both shaped and straight illumination. You could achieve shape decoration with clips, while the straight light with profile. There are different lengths available, you could cut it by yourselves or customize length can be delivered. Many possibilities will come true due to its flexible bending feature.

ACCESSORIES

Aluminum Profile
Article No. LJLAC011-AP
Dimension: 1000x19.2x17.8mm/39.37"x0.76"x0.7" (L x W x H)
Material: aluminum
Color: silver

IIP67 Connector 4Pin
Article No. LJLAD001-4
Wire gauge: 0.519mm2/20AWG
Protection: IP67(Mated)
Mechanical operation: > 500 mating cycles

PC Profile
Article No. LJLAC011-PC
Dimension: 1000x19.5x19.8mm/39.37"x0.77"x0.78" (L x W x H)
Material: plastic
Color: transparent

IP68 Connector 5Pin
Article No. LJLAD001-5
Wire gauge: 1.0mm2/18AWG
Protection: IP68(Mated)
Mechanical operation: > 500 mating cycles
Contact: Brass, Gold plating
Material of housing: PA

Mounting Clips
Article No. LJLAC008-SET
Dimension: 15x18.2x10.1mm / 0.59"x0.72"x0.4" (L x W x H)
Material: stainless steel
Color: silver
Each meter of LED strip needs 3 clips + 3 screws + 2 end caps

IP68 2Pin 2Ways
Article No. LJLAD004-2
Wire gauge: 1.0mm2/18AWG
Protection: IP68(Mated)
Mechanical operation: > 500 mating cycles
Contact: Brass, Gold plating
Material of housing: PA Mechanical operation: > 500 mating cycles
Contact: Brass, Gold plating
Material of housing: PA

Holding Clips
Article No. LJLAC008-HC
Dimension: 34.6x10x16.5mm / 1.36"x0.39"x0.65" (L x W x H)
Material: silicone
Color: opal
Each meter of LED strip needs 3 clips + 6 screws

IP68 2Pin 3Ways
Article No. LJLAD004-3
Wire gauge: 1.0mm2/18AWG
Protection: IP68(Mated)
Mechanical operation: > 500 mating cycles
Contact: Brass, Gold plating
Material of housing: PA Mechanical operation: > 500 mating cycles
Contact: Brass, Gold plating
Material of housing: PA

IP68 Connector 2Pin
Article No. LJLAD001-2
Wire gauge: 1.0mm2/18AWG
Protection: IP68(Mated)
Mechanical operation: > 500 mating cycles
Contact: Brass, Gold plating
Material of housing: PA

IP68 2Pin 4Ways
Article No. LJLAD004-4
Wire gauge: 1.0mm2/18AWG
Protection: IP68(Mated)
Mechanical operation: > 500 mating cycles
Contact: Brass, Gold plating
Material of housing: PA Mechanical operation: > 500 mating cycles
Contact: Brass, Gold plating
Material of housing: PA

IP68 Connector 3Pin
Article No. LJLAD001-3
Wire gauge: 1.0mm2/18AWG
Protection: IP68(Mated)
Mechanical operation: > 500 mating cycles
Contact: Brass, Gold plating
Material of housing: PA

IP68 2Pin 5Ways
Article No. LJLAD004-5
Wire gauge: 1.0mm2/18AWG
Protection: IP68(Mated)
Mechanical operation: > 500 mating cycles
Contact: Brass, Gold plating
Material of housing: PA Mechanical operation: > 500 mating cycles
Contact: Brass, Gold plating
Material of housing: PA