

Catalog:	
Project:	
Type:	Date:
Notes:	

Gen3 LED Architectural Linear Direct Light (Suspended)

TK-LSD3™ Suspended Series

Description

TekTron's TK-LSD3 Linear Direct Light (Suspended) is a 1.97-inch wide architectural linear LED fixture designed for clean, modern suspended installations. Available in 4ft length, the fixture supports seamless continuous runs through linkable connections. It delivers soft, uniform illumination, making it ideal for contemporary interior lighting applications.

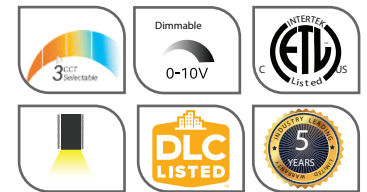


Applications

Ideal locations include offices, bedrooms, supermarkets, pathways, storage areas, stairwells, meeting rooms, hotels, and shopping malls.

Quick Ship

TK-LSD3-4FT-40W(30K-40K-50K)DUV-T-WH-SP
TK-LSD3-4FT-40W(30K-40K-50K)DUV-T-BK-SP



Specification and Features

Controls / Dimming

Universal 0—10V dimming (10—100%), dim-to-off.
Frosted lens with 120° beam angle.
3-CCT selectable (3000K / 4000K / 5000K) via internal DIP switch.

Warranty

5 Years Limited Warranty.
For more information visit us at,
www.technoledlights.com/warrantyinfo

Certification

It complies with ETL Listings, DLC Listings, Damp and Dry Location Rated.

Installation / Mounting

Straightforward installation with mounting options.
Available as suspended mount (aircraft cable).
Surface and wall mount options available.

Ordering Information

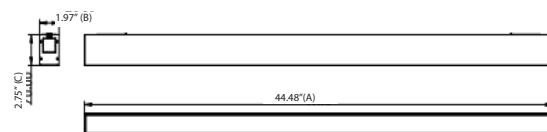
Example: TK-LSD3-4FT-40W(30K-40K-50K)DUV-T-WH-RS

TK	LSD3	4FT	40W	DUV	T	WH	RS
Brand	Series	Length	Watts	Dimmable	Color Temp	Finish	Mounting
TK - TekTron	LSD3 - Linear Strip Downlight Gen 3	4FT - 4 Feet	40W - 40 Watts	D - Dimming 0-10V Voltage UV - 120-277VAC (Universal Volatage)	30K - 3000K T - 40K - 4000K 50K - 5000K } 3 CCT Selectable	BK - Black WH - White	SP - Suspended air craft cable WM - Wall Mount SC -Suspended Canopy and aircraft cable SM Surface Mount Cord C6 - 6 ft cord (Optional Finishes Available)

Specification and Features

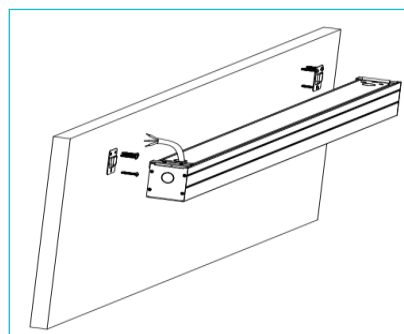
Input Voltage	120-277 VAC
Color Temperature (CCT)	3000K/4000K/5000K
Luminous efficacy (Lm/W)	115 Lm/W
Color Rendering Index (CRI)	Ra>80
Dimmable	0-10V
Beam Angle & Lens	120°, Frosted Lens
Operating Temperature	-25°C ~ 50°C
Life Span	50,000+ Hrs

Dimensions



Part Number	A (Length)	B (Width)	C (Height)
TK-LSD3-XXW-4FT	44.48"	1.97"	2.75"

Optional Accessories



Wall Mount



Suspended Kits



Linkable (Max.7pcs)

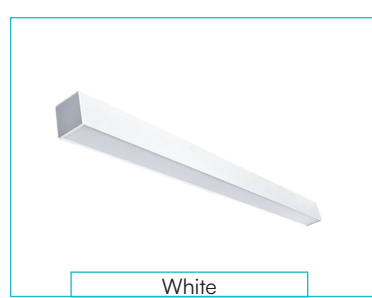
Available Finishes



Satin (Aluminium)

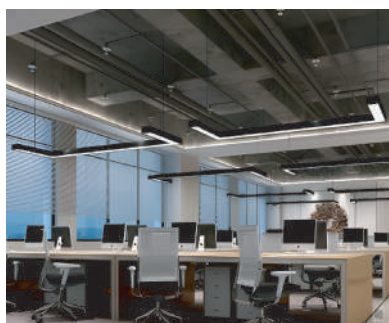


Black



White

Application Images



Installation

IMPORTANT SAFETY INSTRUCTIONS

Read this installation guide prior to attempting installation. Always turn OFF the main power before starting your installation. Consult a qualified electrician before installation. Installation should be carried out by a qualified electrician.

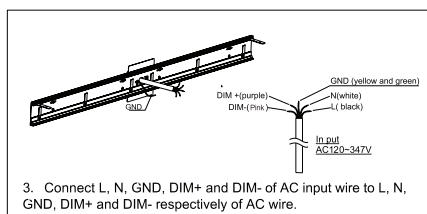
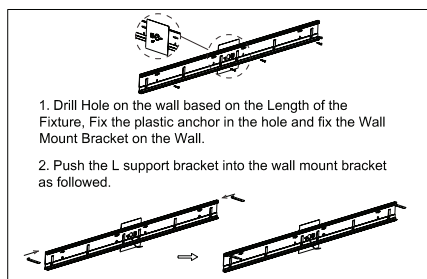
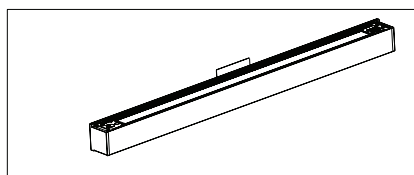
⚠ CAUTION

This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition of the National Electrical Code (NEC) and all applicable state and local building codes. The final installation must be approved by the appropriate, qualified electrical / building inspector(s). Improper installation may result in a fire or electrical hazard. Ensure the electrical power to the circuit has been disconnected before installing the electrical system

⚡ WARNING

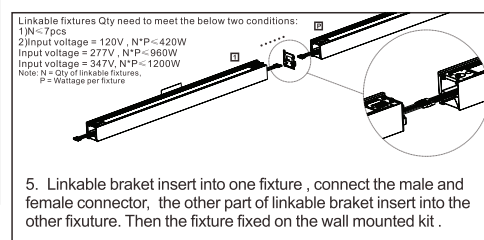
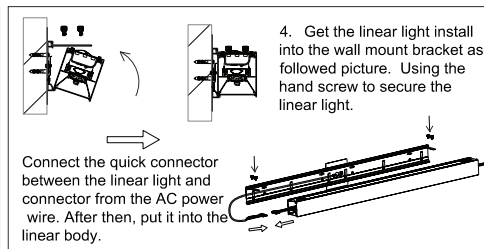
- Risk of fire. Most dwellings built before 1985 have supply wire rated at 60 °C.
- Consult a qualified electrician before installation.
- Properly ground electrical enclosure.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Use only UL approved wire input/output connections. Minimum size 18 AWG or 14AWG if there are any continuous runs.
- If the fixtures are connected in a continuous run, do not exceed allowable number of fixtures in series/power in continuous runs.
- Inrush currents must be taken in account by the electricians to account for proper circuit design.

1. WALL MOUNT

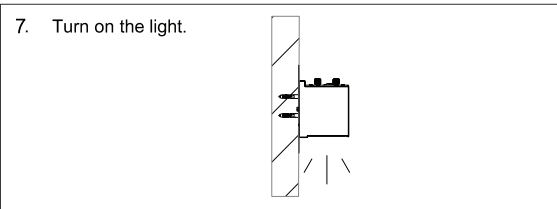


Installation Kits

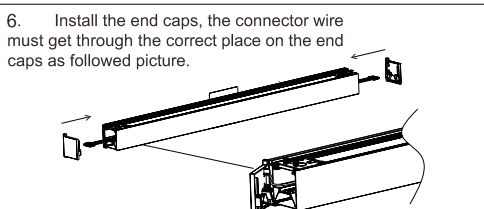
1	C Wall-mount Bracket	1PC
2	Square Decorative	1PC
3	L support	2PCS
4	Plastic Anchor	4PCS
5	Cross head tapping	4PCS
6	Hand screw	4PCS
7	Screw	1PC
8	End cap	2PCS
9	Linkable bracket	1PC



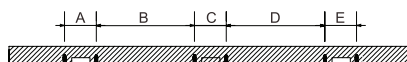
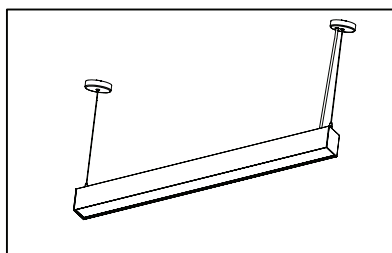
7. Turn on the light.



6. Install the end caps, the connector wire must get through the correct place on the end caps as followed picture.

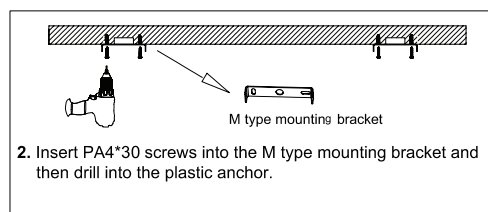


2. SUSPENDED CANOPY AND AIRCRAFT CABLE

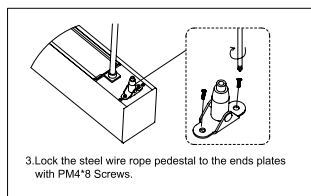


N0.	Size	A (in)	B (in)	C (in)	D (in)	E (in)
12	ft	3.346	18.8583	.346	//	
24	ft	3.346	42.4803	.346	//	
36	ft	3.346	66.1023	.346	//	
48	ft	3.346	43.1893	.346	43.189	3.346

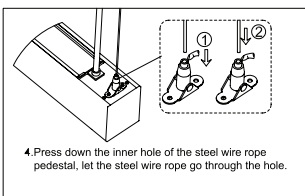
1. Drill a hole of 5.0mm in diameter as shown in the figure at the location required for installation. Then hammer the plastic anchor into the hole.



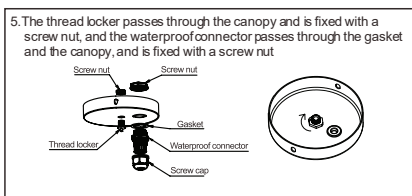
2. Insert PA4*30 screws into the M type mounting bracket and then drill into the plastic anchor.



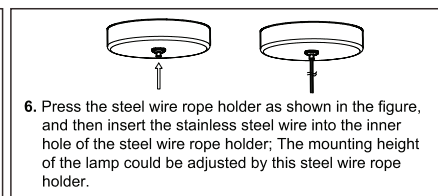
3. Lock the steel wire rope pedestal to the ends plates with PM4*8 screws.



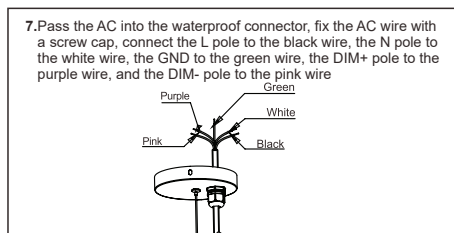
4. Press down the inner hole of the steel wire rope pedestal, let the steel wire rope go through the hole.



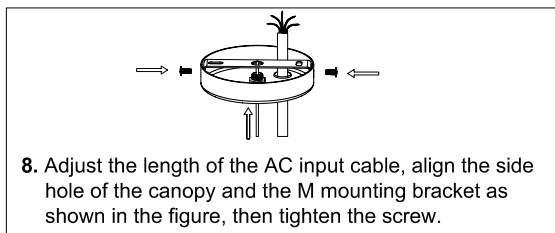
5. The thread locker passes through the canopy and is fixed with a screw nut, and the waterproof connector passes through the gasket and the canopy, and is fixed with a screw nut



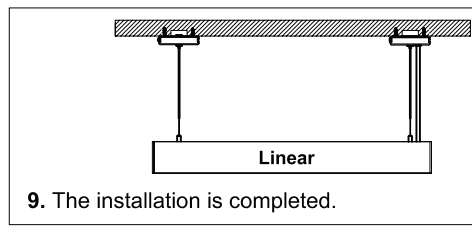
6. Press the steel wire rope holder as shown in the figure, and then insert the stainless steel wire into the inner hole of the steel wire rope holder; The mounting height of the lamp could be adjusted by this steel wire rope holder.



7. Pass the AC into the waterproof connector, fix the AC wire with a screw cap, connect the L pole to the black wire, the N pole to the white wire, the GND to the green wire, the DIM+ pole to the purple wire, and the DIM- pole to the pink wire



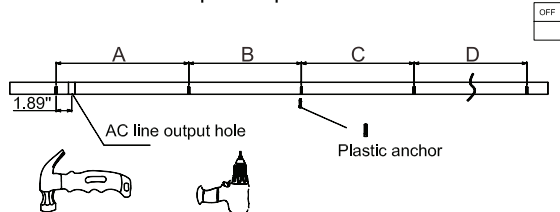
8. Adjust the length of the AC input cable, align the side hole of the canopy and the M mounting bracket as shown in the figure, then tighten the screw.



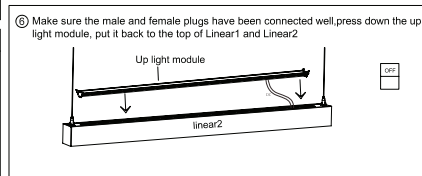
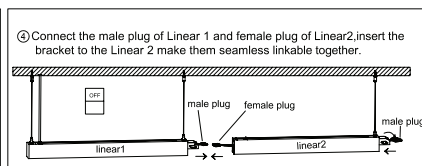
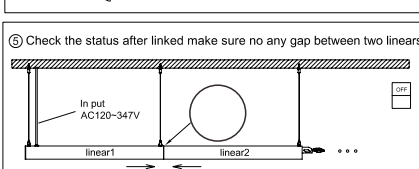
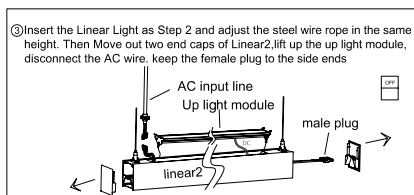
9. The installation is completed.

3. LINKABLE INSTRUCTIONS (ONLY AVAILABLE FOR LINKABLE PRODCUTS)

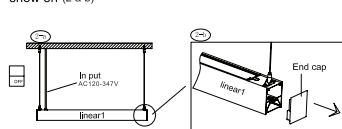
① Measure the ceiling, make down the position for lineae1, install the first Linear Light to the ceiling as instruction of A Rope Suspension Installation.



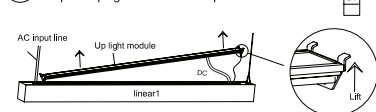
No.	Size	A(in)	B(in)	C(in)	D(in)	Remark
1	2FT	22.920	23.630	22.920	/	3pcs linkable diagrammatic drawing
2	4FT	46.540	47.250	46.540	/	3pcs linkable diagrammatic drawing
3	6FT	70.160	70.870	70.160	/	3pcs linkable diagrammatic drawing
4	8FT	46.540	47.250	47.250	46.540	2pcs linkable diagrammatic drawing



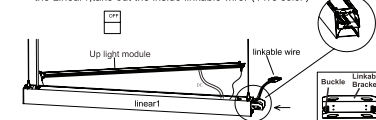
② Install Linear 1, then connect AC line; remove one end cap as show on (2-a-b)



②-Lift up the up-light module as the picture shows.

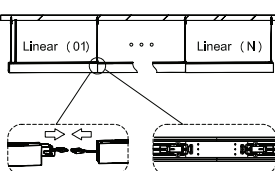


②-Insert the linkable bracket into the Linear1, connect with buckle inside the Linear1, take out the inside linkable wire. (Five color)



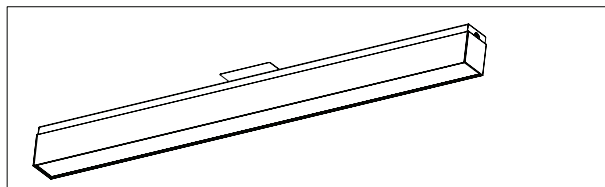
NOTE:
LED LINEAR CAN BE GAPLESS LINKABLE TOGETHER AS NEEDED,
(if you order to use 18# cord, More Links can be Customized.)

Link Instruction and Disclaimer

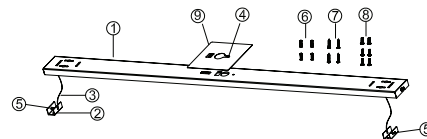


Max. linkable Quantity (Unit:PC)
Linkable fixtures Qty need to meet the below two conditions:
1) $N \leq 7$ pcs
2) Input voltage = 120V, $N \cdot P \leq 420W$
Input voltage = 277V, $N \cdot P \leq 960W$
Input voltage = 347V, $N \cdot P \leq 1200W$
Note: N = Qty of linkable fixtures,
P = Wattage per fixture

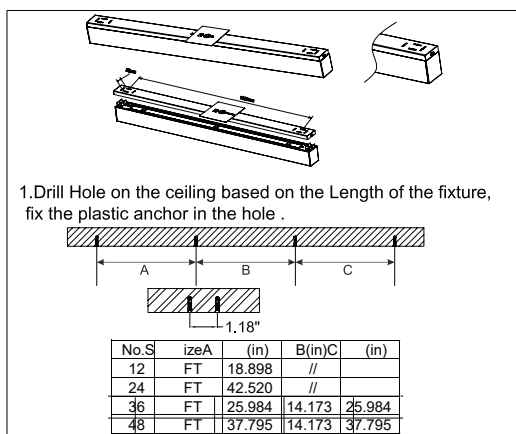
4. SURFACE MOUNT



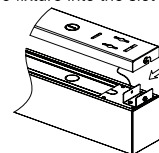
Installation Kits



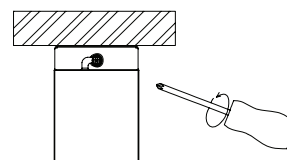
1	Surface Mount Bracket	1199*69*20mm
2	Surface Mount Bracket 2	43*22.5*18mm
3	Safety cable	L=150mm
4	Round head pull nail	4*5mm
5	Countersunk head screw	PM4*10
6	Cross head tapping screw	PA4*35M
7	Plastic Anchor	4*28mm
8	Round head machine screws	PM4*8mm
9	Decorative plate	140*140mm T=0.6mm



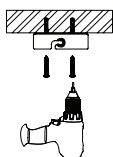
4. Wiring the fixture with the supply power, clear up the wires and safety cables, clip the fixture into the slot of the surface mount plate on two side



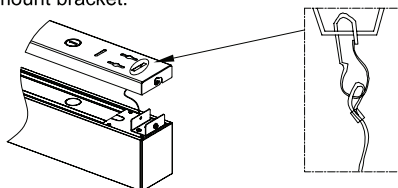
5. Fix screws on two side of the fixture



2. Fix the surface mount bracket on the ceiling with PA4*30 screw.



3. Hook the safety cable of the fixture on the slot of the surface mount bracket.



6. Turn on the light.

