

Easy Connect LL201 Linear Linkable Fixture

Quicker and easier installation

40W/60W

Features

Very easy and quick to install, saves money on installation

Can be linkable for continuous line

Highly efficient up to 130lm/w

No gaps or seams between the fixtures

Options

1-10V dimmable and DALI available for single use

Microwave motion sensor available for single use

Area of application

Retails

Distribution & warehouse

Manufacturing assembly

Education

Certificates

American market: **UL, cUL, DLC Premium**

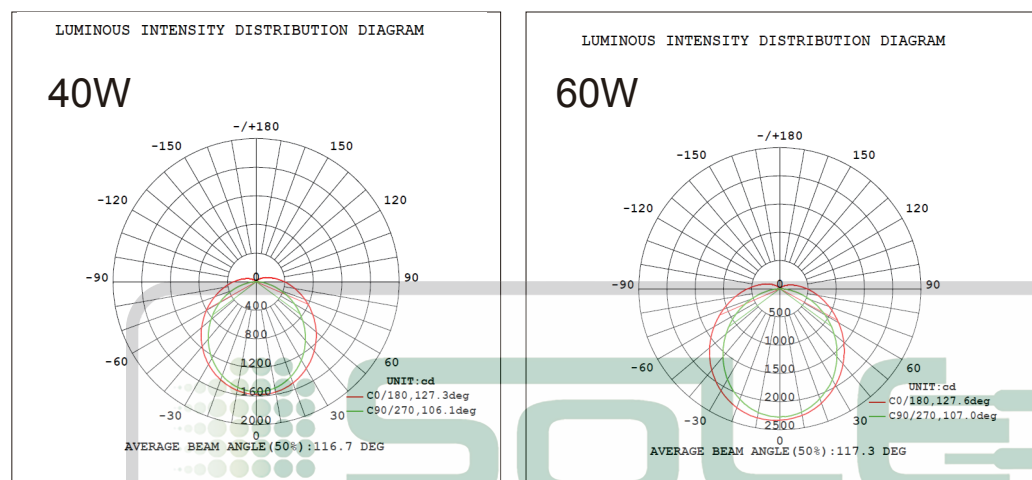
European market: **CE (EMC, LVD), RoHS**



The Easy-connect LL201 Linear Linkable Fixture is an energy-efficient, low maintenance alternative to traditional fluorescent in a variety of retail and industrial lower ceiling application. Available in single use and linkable continuous run versions Easy-connect LL201 luminaires are easy to install to save significant labor and equipment expense.



Light Distribution Curve and Average E (LX) Figure---5000K



Basic Specifications

Standard lumen (130lm/W)

Model	Size	Nominal wattages (W)	Nominal voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
LL201-40W12	1198*60*75mm	40W	AC100~277V 50~60Hz	130±10	5200±300lm	120°	160pcs SMD2835	>80
LL201-60W12	1198*60*75mm	60W		130±10	7800±500lm		160pcs SMD2835	
LL201-60W15	1498*60*75mm	60W		130±10	7800±500lm		176pcs SMD2835	

Electrical data

Operating frequency	47-63HZ	Available light colors	warm white;natural white; daylight white
Type of current	AC100-277V	Available color temperatures	3000K;4000K;5000K;6000K
Power factor λ	>0.95	Color rendering index Ra	>80
Efficiency in %	>91%	Standard deviation of color matching	< 5
Start time (0.2s / 0.5s / ...)	0.1S	UGR (Unified Glare Rating)	<25
Warm-up time to 60 % (1.5s / 2s / ...)	0.5S	Available beam angles	120°

Photometrical data



Standards & Certification

Type of protection	IP54	Heatsink temperature	-20~+69 °C
Tested dielectric strength	3.75KVvac	Ambient temperature	-30~+50 °C
Safety features	Open circuit protection; short circuit protection ; overvoltage protection	Storage temperature	-40~+80 °C
Certificates	UL, cUL, DLC Premium, CE, RoHS		
Energy efficiency class	A++		

Temperatures & operating conditions

Lifespan

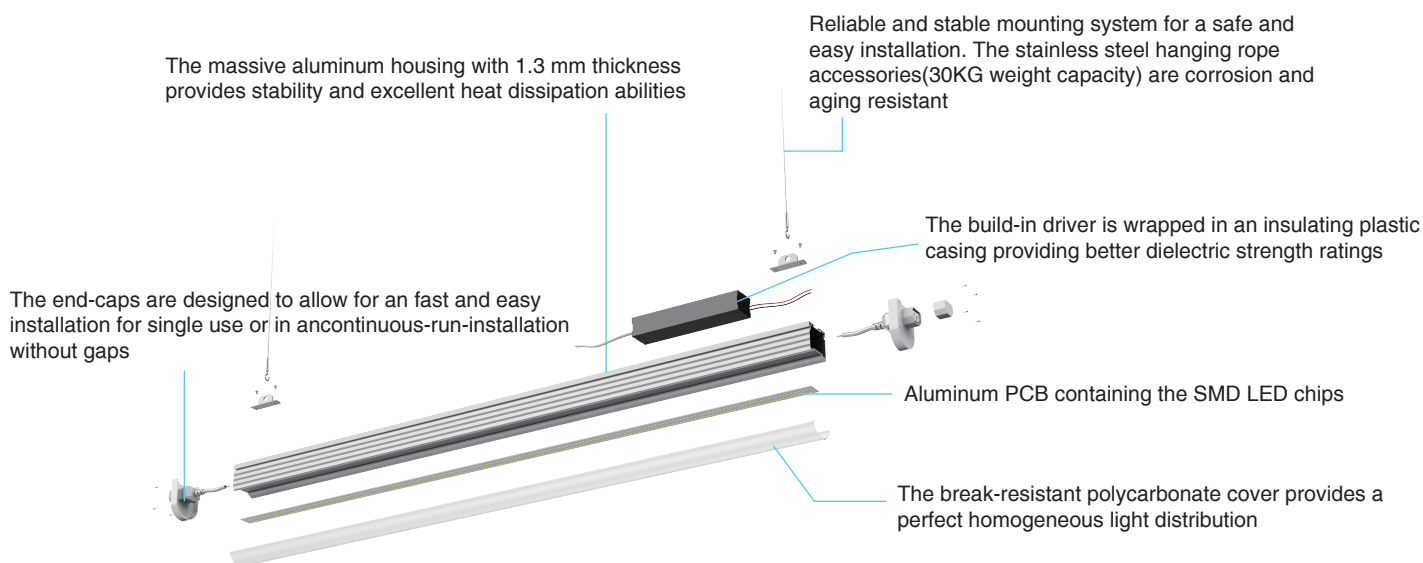
Rated nominal Lifetime	50.000 hours	Base/Socket	Directly wired
Switching cycles	100.000 times	Dimmable	1-10V Dimmable, DALI
Lumen maintenance at e.o.l.	70%		
LED Device Lifetime	L80/B10 @ 50.000H		

Features/Capabilities and additional product data

Packing Information

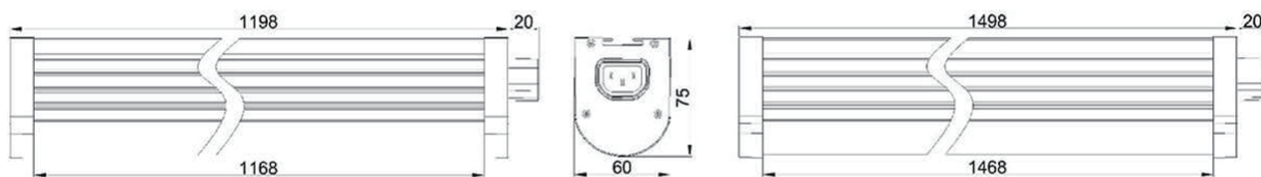
Model	Dimension(mm)	CTN SIZE(cm)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight /CTN(kg)
LL201-40W12 LL201-60W12	1198*60*75mm	135*28*17	6PCS	2.2	20
LL201-60W15	1498*60*75mm	165*28*17	6PCS	3	24

Exploded drawing









Dimension (mm)



Optional accessories

PRODUCT	PHOTOS	Description
Suspending rope kit		2pcs Mechanical Connectors (60mm) 2pcs hanging ropes (1 meter) 2pcs expansion screw with hook
Surface mounting kit		2pcs clips with expansion screws
Input cable		UL approval, cable length: 4 feet (1.2 meters)
EURO plug		EURO plug with 2 meters long cable

Application and safety notes

- Carefully read and follow all warnings and instructions before installing or servicing the luminaire.
- The installation should be done by an individual familiar with the construction and operation of the luminaire.
- The installation of this luminaire must be in accordance with national and local building and electrical codes.
- The product must not be damaged or operated in a damaged condition.
- Between the luminaire and any possibly flammable material must be an appropriate safety space (at least 20cm).
- The luminaire must not be covered with heat insulating materials and its solar panel should always be accessible to sunlight.
- Always provide proper ventilation around the luminaire and do not exceed the maximum ambient temperature.
- Compared to traditional lights the characteristic light distribution of this LED luminaire may differ. In order to be sure to meet your lighting requirements a photometric check of the installation is recommended.

Installation

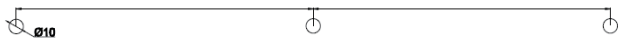
The maximum number of quantity for linkable installation:

Power	Input Voltage	Max.qty
40W	120 VAC	18 PCS
	230 VAC	35 PCS
	277 VAC	42 PCS
60W	120 VAC	18 PCS
	230 VAC	23 PCS
	277 VAC	28 PCS

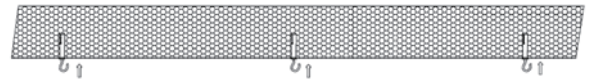


Installation Instructions for suspended use

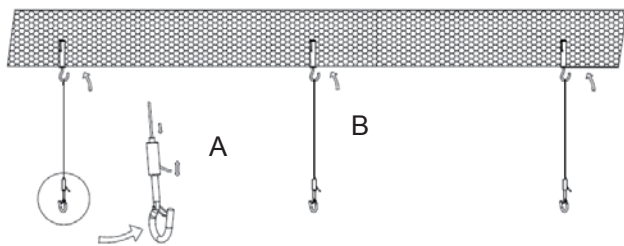
➤ Suspending rope



Step1 : Make a right position and open hole.



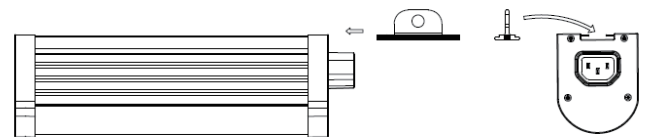
Step2: Fix the expansion screws in the wall.



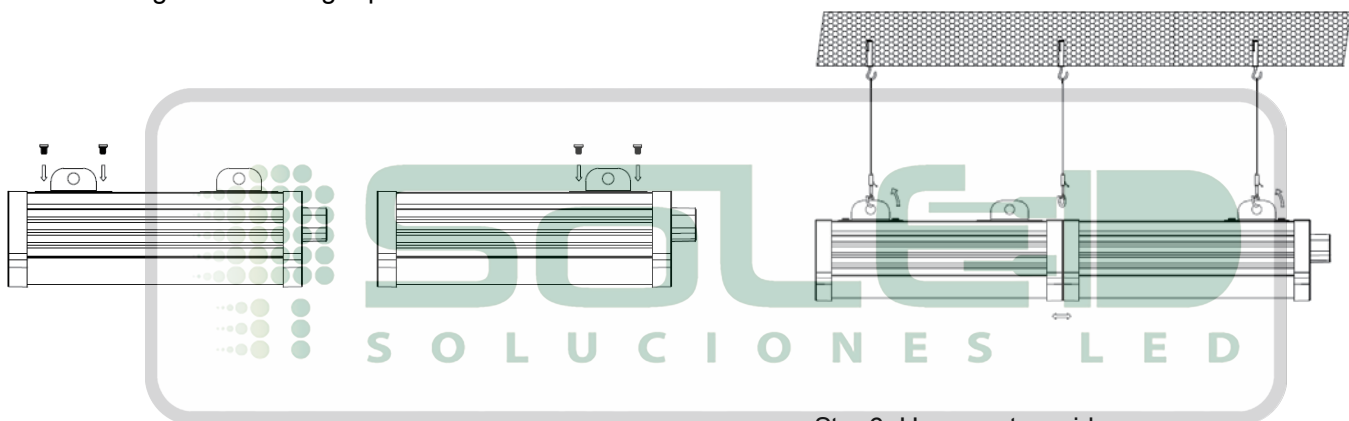
Step3:

A: Hang the lifting ropes on the hook of the expansion screws.

B: Press on the upper buttons to adjust the height of the lifting ropes.

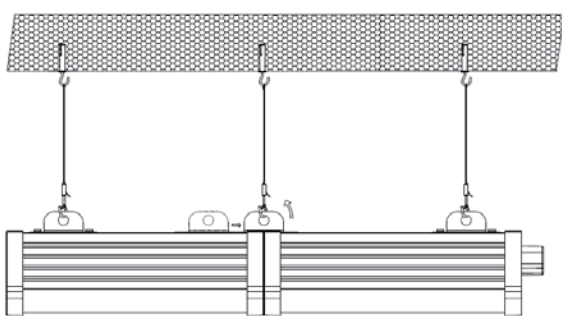


Step4: Slide "T" pendant into the groove of fixture.

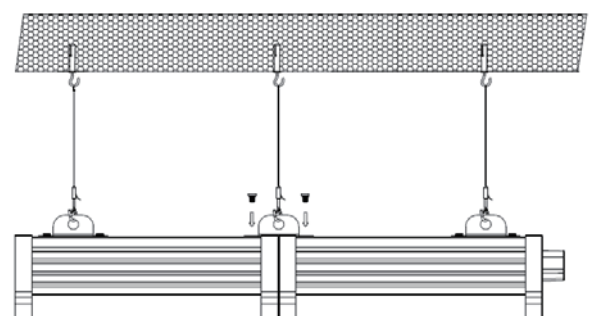


Step5: Slide "T" pendant for hanging and twist the screws.

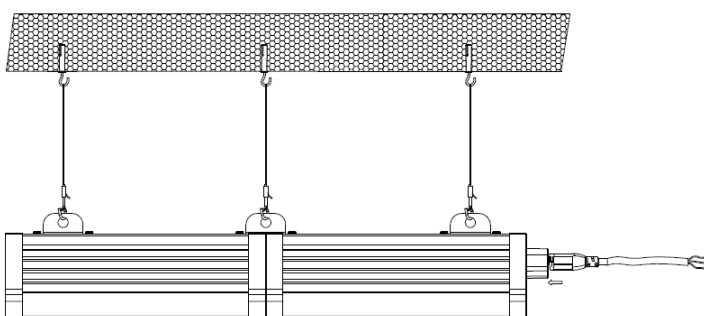
Step6: Hang up two sides.



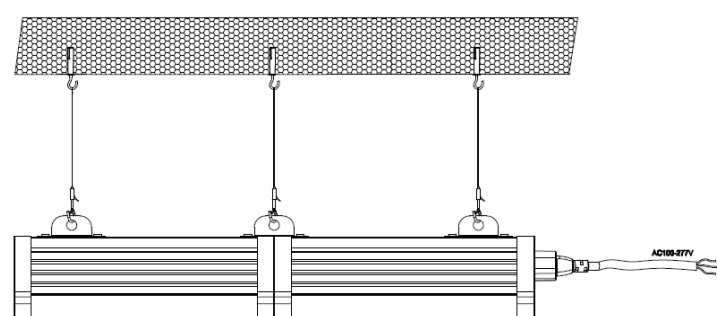
Step7: Slide the "T" pendant between fixtures to the middle.



Step8: Twist the screws and hang up.



Step9: Plug the C13 cable.



Step10: Connect to power.