

HAICHANG OPTOTECH CO., LIMITED

Website: www.haichanglight.com E-mail: sales@haichanglight.com

Data sheet and Installation Guide

LED batten luminaire light GEN III



This is the 3rd generation intelligent LED batten luminaire manufactured by Haichang Optotech. It has unique robust design, integrated LED light source and are easily linkable to continuous row. The LED batten light is a cost effective alternative to traditional fluorescent light fittings and are typically used in wide applications in commercial and industrial lighting in public areas. With built-in Microwave sensor carrying detection angle of 120° and detection distance of 8m, Haichang LED batten luminaire brings cost effective and energy efficient solution to areas like parking lots, walkways, ATMs, factories and warehouse where dependable on-demand light is required.

This LED linear lighting fixtures are available in 2ft, 4ft, 5ft, 6ft lengths. It is typically surface mounted. In the meantime, it can be suspended mounted too to serve as pendant light fixtures.

Features and Benefits:

Unique trending design

Microwave sensor built-in: detection angle 120°, detection distance: 8m

Starting time: <0.5sec

120Lm/watt, 80% lumen maintenance @6000H, Ra80, R9>0

Premature failure rate @1000h: 0

Color consistency level: <6SDCM

Easily Daisy Chain up to 96m (320 feet)

Easy and fast installation

Housed by pure aluminum alloy, good heat dissipation, IP44

Sizes: 2ft, 4ft, 5ft, 6ft

No decrease of light output in cold areas

Trending optical design, Fireproof PC cover, Beam angle 120°

50,000 hours lifespan, Energy saving 50-80%

Solid-state, high shock resistant. No flickering.

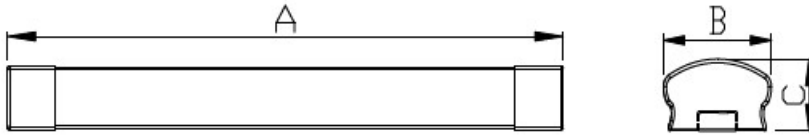
Compliant with CE, RoHS, SAA certificate

3 years Warranty

HAICHANG OPTOTECH CO., LIMITED

Website: www.haichanglight.com E-mail: sales@haichanglight.com

Dimensions:



Model NO.	Size A(mm)	Size B(mm)	Size C(mm)
2ft/600mm	600	72	38
4ft/1200mm	1200	72	38
5ft/1500mm	1500	72	38
6ft/1800mm	1800	72	38

Technical Descriptions:

PF>0.93, THD<15%

Power Efficiency ≥ 0.88

Temperature:

Operating -20~+40°C

Storage -40~+60°C

Model	Tube Dimension	Power	Input voltage	CCT	Lumens 100LM/W	Lumens 120LM/W
BL-GENIII-060W20-2 835	0.6M(600*38*72)	20±1 W	AC100~26 5V	2700-650 0K	1900-2100 LM	2300-2500 LM
BL-GENIII-120W40-2 835	1.2M(38*72*1200)	40±2 W	AC100~26 5V	2700-650 0K	3800-4100 LM	4600-4900 LM
BL-GENIII-150W60-2 835	1.5M(38*72*1500)	60±5 W	AC100~26 5V	2700-650 0K	5800-6100 LM	7000-7300 LM
BL-GENIII-180W72-2 835	1.8M38*72*1800)	72±6 W	AC100~26 5V	2700-650 0K	7100-7300 LM	8500-8800 LM

HAICHANG OPTOTECH CO., LIMITED

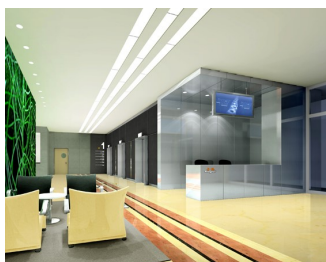
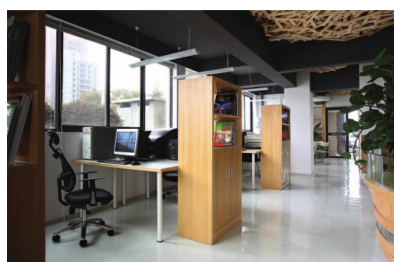
Website: www.haichanglight.com E-mail: sales@haichanglight.com

The maximum number of linkable continuous connection:

Input Voltage	Length (mm)	Wire	Max Qty	Size A (mm)
230VAC/20W	600	2.5mm ²	160	optional
230VAC/40W	1200	2.5mm ²	80	optional
230VAC/60W	1500	2.5mm ²	55	optional
230VAC/72W	1800	2.5mm ²	45	optional

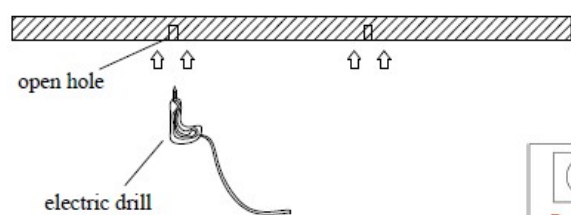
Applications:

The 3rd generation LED batten light is designed for application in residential and commercial lighting such as offices, meeting rooms, hotels, supermarkets, shopping malls, libraries, factories, warehouses, schools, colleges, airports, bus stations, theaters, MTR stations, Exhibition centers, Toll stations, Gymnasiums and other public areas.

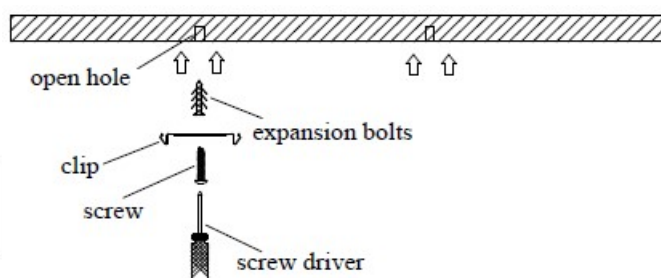


Installation Guide

A. Single Unit installation



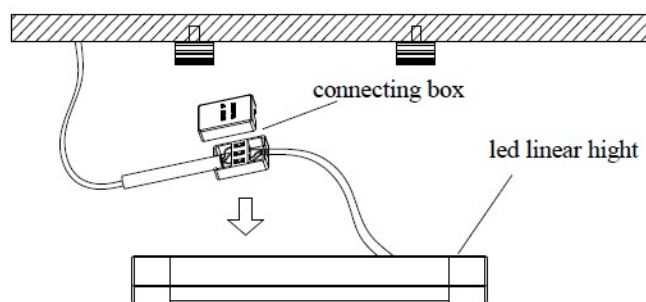
Step 1: Make a right position for screw hole



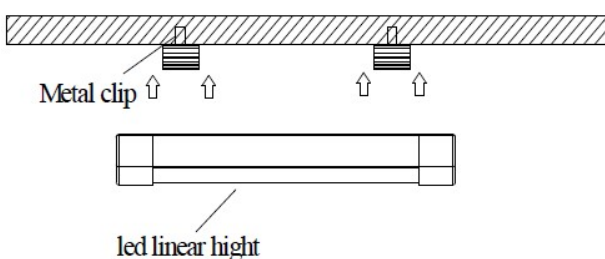
Step 2: Fix the thread locker to the ceiling

HAICHANG OPTOTECH CO., LIMITED

Website: www.haichanglight.com E-mail: sales@haichanglight.com



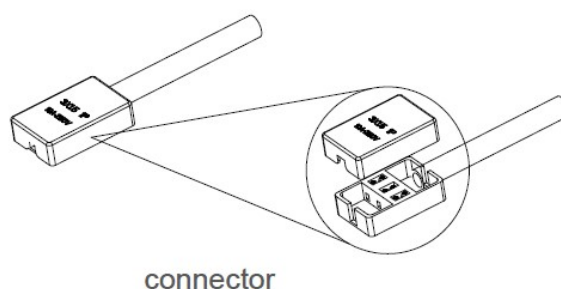
Step 3: Connect electric wire to the lamp



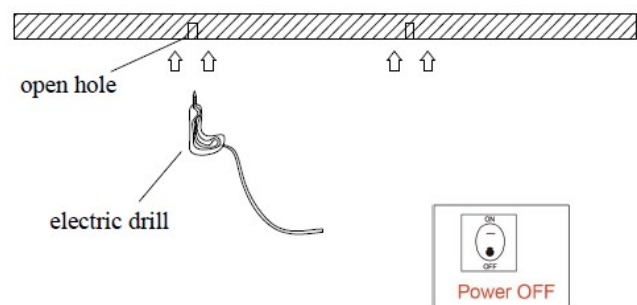
Step 4: Install batten light to the clip, fix the screw



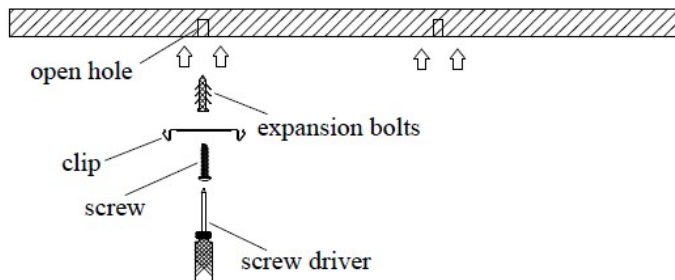
Step 5: Adjust the position of the fixture



B. Linkable installation



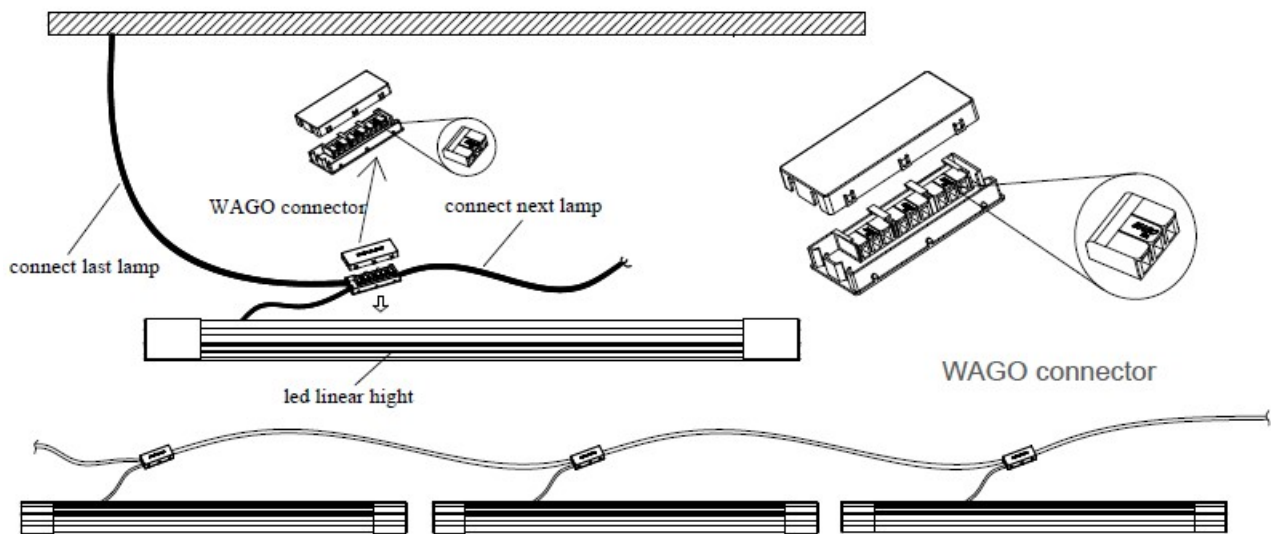
Step 1: Locate a right position for screw hole



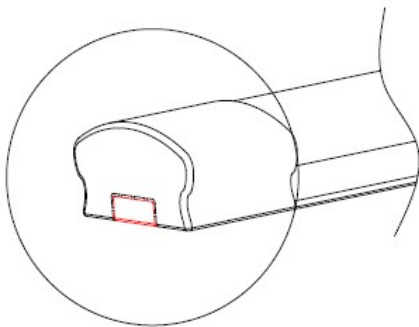
Step 2: Fix the thread locker to the ceiling

HAICHANG OPTOTECH CO., LIMITED

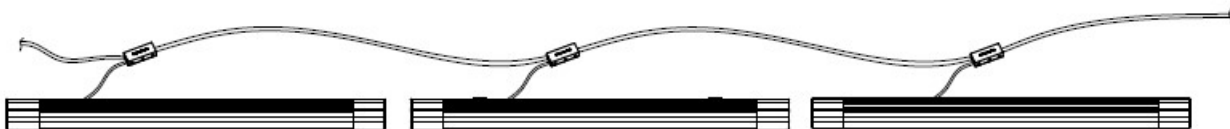
Website: www.haichanglight.com E-mail: sales@haichanglight.com



Step 3: Connect input cord to WAGO connector, then open the small plastic cover on both end caps of the batten light in order to connect each lamp together, finally fit the batten light to the clips on the ceiling.

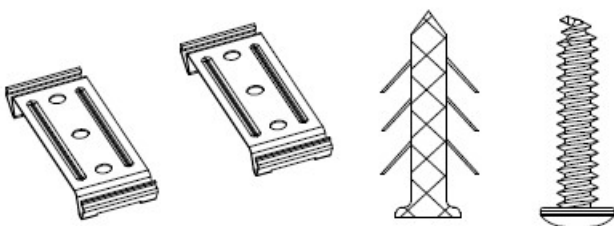


For Single unit installation, no need to open the end caps;
For Linkable installation, need to open the end caps.



Accessories:

Clips, screws, Expansion bolts



HAICHANG OPTOTECH CO., LIMITED

Website:www.haichanglight.com E-mail: sales@haichanglight.com

Packaging:

Model No	Single Box	Pcs/CTN	N.W./pcs (kg)	G.w./CTN (kg)	Meas (mm)
2ft/600mm	1	20	0.39	8.6	624*345*250
4ft/1200mm	1	20	0.7	15.41	1224*345*250
5ft/1500mm	1	20	0.89	19.34	1524*345*250
6ft/1800mm	1	12	1	12.93	1824*270*210