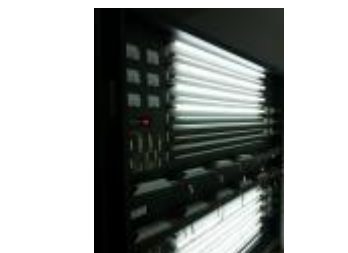
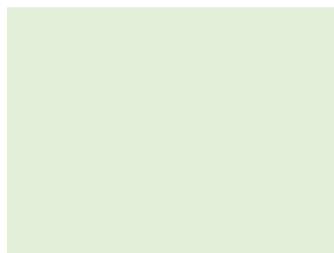
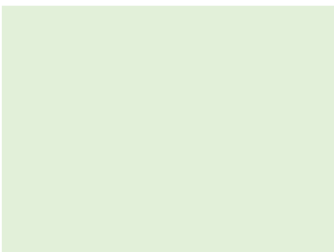
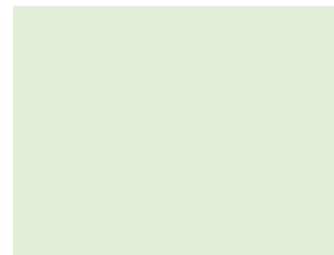
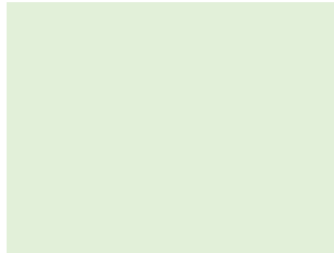




佛山凯力照明科技有限公司

Foshan Kaili Lighting Technology Co., Ltd





Foshan Kaili Lighting Technology Co., Ltd

12-year's professional Emergency Lighting Manufacturer

When it comes to protecting life and property, there's no room to compromise. The domestic leading emergency lighting manufacturer, Kaili Limited, is based in Foshan owning a stable team of research & design engineers to launch various lighting every year, employing a range of skilled staff fully trained to work on a wide range of specialized safety emergency lighting system for over 10 years. We insist to make the heart component of emergency lighting, the transformer fittings according to UK and EU standards for supporting our long-term cooperation clients from Hongkong contractors. With its reliable performance, our emergency lights has been successfully used in Hongkong airport, subway, police station and many other municipal places.

About Us

1. About our factory

Nowadays, we have two production sites in Foshan. KaiLi Lighting workshop is bought by us in Shunde. The other one is in Chancheng district by renting. Besides, we also bought a office in Guicheng, Foshan for our clients' convenient visiting in the center of Foshan city.



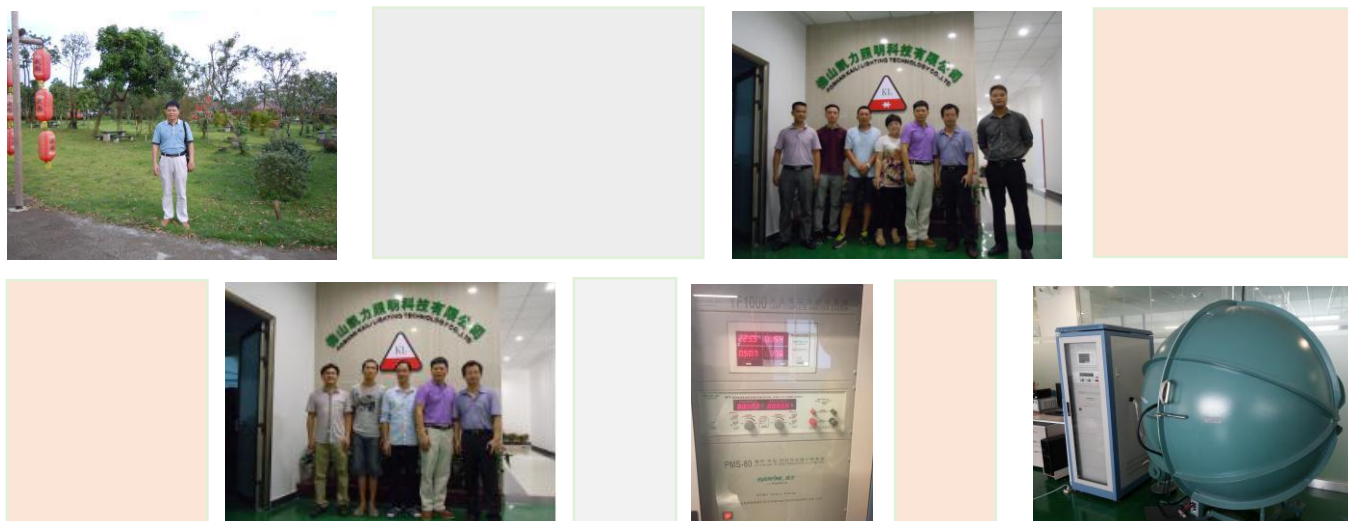
2. About our machine

We introduced new machines and equipment for our design and craft study. Now we have automatic STM chip processing machine, wave soldering machine, reflow oven machine, lighting test system and so on. Besides, we still have old factory in Chancheng, which is specializing in producing custom-made products to meet the need and expectations of our client's special design.



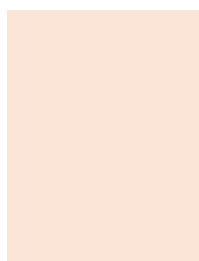
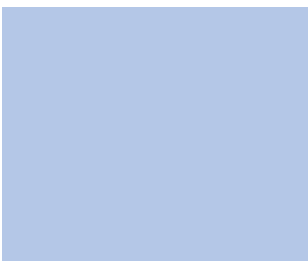
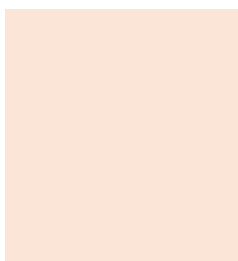
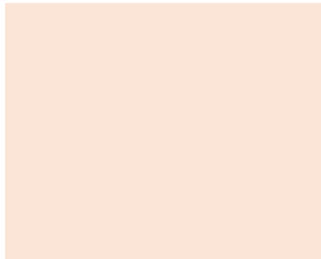
3. About our engineers

We believe that the heart of one company is not just the advance machine, but the most important thing is our engineer team. As the boss of Kaili Lighting company, Mr. Liang is also an outstanding engineer, with 30-year's experience in the electrical technology field. Our team is composed of experienced 7 engineers including Mr. Liang. Most of engineers has been working here over 10 years. One engineer has been here for 12 years since our establishment. One of engineer's shortest working time is 7 years. They are in charge of product study, development, test and quality control.



4. About our skilled workers

What is more, we have a large of property of the enterprise, the skilled workers. Part of them have been working here for 12 years. Every workers focus on their making unit, every details of each part. We focus on giving our workers professional training and biggest trust. We won't recruit a novice worker. Worker's working time is from 9:00-12:00, 13:00-17:00, with 2 days' off per week, which is the best treatment and I don't think you can find same treatment in another electric factory in China.



5. About our quality control

Too often, quality is just a word. At Kaili Lighting, it is the hallmark of all we do. There are four key aspects determining our quality.

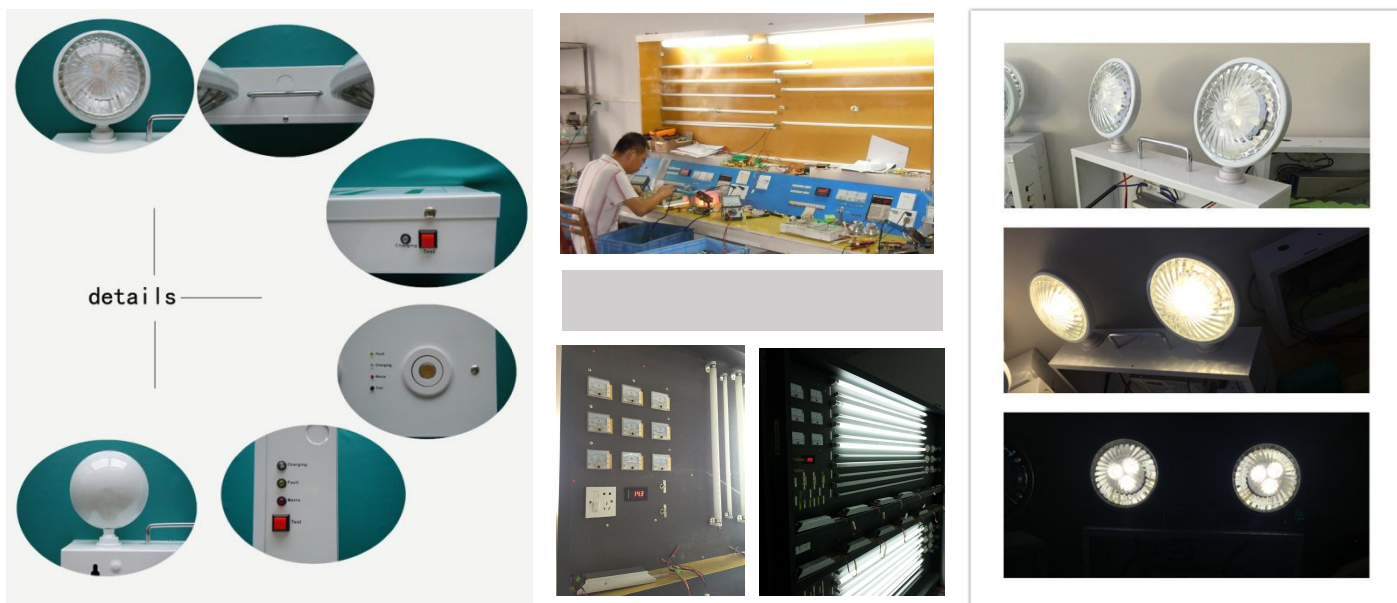
a. Raw material is the first key in production process. Emergency lights is made of more than 20 pieces of components and parts. We make the core components of conversion kit by ourselves such as high-frequency transformer and low-frequency transformer. Besides, we choose the raw material suppliers carefully, including electric relay, transistor, integrated circuit, capacitor, resistor and battery and so on. All the components will be tested and checked before assembling. We won't change the suppliers easily, most of them cooperate with us at least 10 years.

b. After each components and parts are assembled to unit like the converter, our professional testers make test it work or not one by one. We ensure 100% test for every goods.

c. After making into the complete product, our testers put every product into aging test room to make the aging test, usually testing with higher voltage than normal in lasting time 30 minutes. What is more, testers will take 10% of the ordering goods to make over 2 hours' aging test process to make sure all the lamps can work well. We promise every light

must measure up to exacting performance criteria and withstand a series of thorough inspections.

d. Finally, 3–5 products will be taken randomly for long–time following when we deliver the goods. We will installed the lights for model experiment to see whether there some problems. Or we will turn on the lights for 25,000 hours as the the actual life–span time to ensure our quality’s control system.



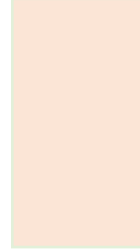
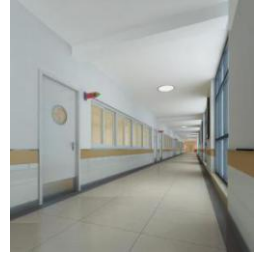
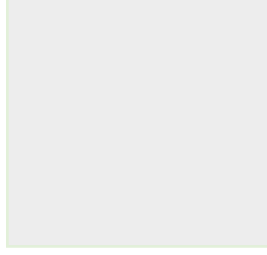
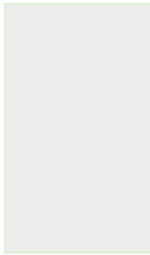
6. About our production output

We mainly produce emergency twin spotlight, emergency exit/direction plate, emergency exit/direction box, LED ceiling light with emergency fixtures built-in, LED light tube, with internal emergency units, the total number is approximate 80,000 pieces per month. If you request more, we can also arrange new shift working system.

7. About our clients

We have built strong relationships with our main clients from six Hongkong contractors for their projects of airport, school, subway, government building, police station, hospital etc. and export to other countries all over the world. Our emergency lights have been successfully used in famous projects, such as the Macao casino--Hotel Lisboa and The Venetian Macao. Part of them cooperate with us for 12 years since our foundation. The shortest cooperation time with one client is at least 3 years, too. Emergency lighting products are designed and produced to UK and EU standards, with its outstanding and

reliable performance. Our success depends on the success of high-quality goods we offer our clients, therefore all of our clients are love to keep cooperation with us for a long time.



Contents

I. Professional LED Emergency Lighting

1. Emergency LED Twin Spotlight
2. Emergency LED exit sign plate
3. Emergency LED exit sign box
4. LED Ceiling light with emergency features built-in
5. LED Downlight with emergency features built-in
6. LED lights emergency conversion kit
7. Fluorescent lights emergency conversion kit

II. Professional LED Lighting

1. LED Bulb
2. LED Down Light
3. LED T8 Tube

1-1. Emergency LED Twin Spotlight (wall-mount/recess-mount)



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-MH 6v; 2500mAh
Luminous Flux	420lm
Source Power	2x3W
Discharge Duration	2 hours



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-MH 3.6V; 1300mAh
Luminous Flux	150lm
Source Power	2x1W
Discharge Duration	2 hours



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6v; 3800mAh
Luminous Flux	420lm
Source Power	2x3W
Discharge Duration	2 hours



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6v; 1300mAh
Luminous Flux	150lm
Source Power	2x1W
Discharge Duration	2 hours



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6v; 3800mAh
Luminous Flux	420lm
Source Power	2x3W
Discharge Duration	2 hours



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6v; 1300mAh
Luminous Flux	150lm
Source Power	2x1W
Discharge Duration	2 hours

1-2. Emergency LED exit sign box



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6V;400mAh
Surface Brightness	$\geq 100\text{cd/m}^2$
Size:box only	366*36*158mm
Material	Cast Aluminum+LGP Acrylic



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6V;400mAh
Surface Brightness	$\geq 100\text{cd/m}^2$
Size:box only	450*60*180mm
Material	AL+Acrylic



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6V;400mAh
Surface Brightness	$\geq 100\text{cd/m}^2$
Size:box only	165*55*190mm
Material	AL+LGP Acrylic



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6V;400mAh
Surface Brightness	$\geq 100\text{cd/m}^2$
Size:box only	450*60*185mm
Material	AL+Acrylic



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6V;400mAh
Surface Brightness	$\geq 100\text{cd/m}^2$
Size:box only	450*60*180mm
Material	Iron+Acrylic



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6V;400mAh
Surface Brightness	$\geq 100\text{cd/m}^2$
Size:box only	600*60*180mm
Material	Iron+Acrylic

1-3. Emergency LED exit sign plate



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6V;400mAh
Dimension of Metal Casing	400*80*40mm
Dimension of Perspex	400*160*8mm
Surface Brightness	$\geq 100\text{cd/m}^2$
Color Temperature	4000k/6500k



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6V;400mAh
Dimension of Metal Casing	600*80*40mm
Dimension of Perspex	600*160*8mm
Surface Brightness	$\geq 100\text{cd/m}^2$
Color Temperature	4000k/6500k



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6V;400mAh
Dimension of Metal Casing	400*80*40mm
Dimension of Perspex	400*160*8mm
Surface Brightness	$\geq 100\text{cd/m}^2$
Color Temperature	4000k/6500k



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 3.6V;400mAh
Dimension of Metal Casing	400*80*40mm
Dimension of Perspex	400*160*8mm
Surface Brightness	$\geq 100\text{cd/m}^2$
Color Temperature	4000k/6500k

1-4. LED Ceiling light with emergency features built-in



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 6v 2500mAh
Source Power	LED 15W
Color Temperature	4000K/6000K
Luminous Flux (Normal Lighting)	1200lm
Luminous Flux(Emergency)	360lm
CRI	≥80Ra
Discharge Duration	2 hours



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 6v 2500mAh
Source Power	LED 15W
Color Temperature	4000K/6000K
Luminous Flux (Normal Lighting)	1200lm
Luminous Flux(Emergency)	360lm
CRI	≥80Ra
Discharge Duration	2 hours
IP Rating	IP61, Waterproof



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 6v 2500mAh
Source Power	LED 15W
Color Temperature	4000K/6000K
Luminous Flux (Normal Lighting)	1200lm
Luminous Flux(Emergency)	360lm
CRI	≥80Ra
Discharge Duration	2 hours
IP Rating	IP65, Waterproof



Main Voltage/Frequency	AC220V(+/-10%)/50-60Hz
Battery Capacity & Voltage	Ni-Cd 6v 2500mAh
Source Power	LED 15W
Color Temperature	4000K/6000K
Luminous Flux (Normal Lighting)	1200lm
Luminous Flux(Emergency)	360lm
CRI	≥80Ra
Discharge Duration	2 hours
IP Rating	IP65, Waterproof

1-5. LED Down light with emergency features built-in



Main Voltage/Frequency	AC100-240V/50-60Hz
Battery Capacity & Voltage	Ni-Cd/Ni-MH 6v; 1800mAh
Source Power	LED 10W
Color Temperature	4000K
Luminous Flux (Normal Lighting)	700lm
Luminous Flux (Emergency)	350lm
CRI	≥80Ra
Discharge Duration	2 hours

1-6. LED lights emergency conversion kit



Name	T8 9W led tube emergency kit
Main Voltage/Frequency	AC110-240V/50-60Hz
Battery Capacity & Voltage	Ni-Cd/Ni-MH 6v; 1500mAh
Emergency Output	20~30%
Discharge Duration	2 hours



Name	T8 18W led tube emergency kit
Main Voltage/Frequency	AC110-240V/50-60Hz
Battery Capacity & Voltage	Ni-Cd/Ni-MH 6v; 1800mAh
Emergency Output	20~30%
Discharge Duration	2 hours



Name	LED emergency kit (series circuit)
Main Voltage/Frequency	AC110/220V/50-60Hz
Battery Capacity & Voltage	Ni-Cd/Ni-MH 18v; 2500mAh
Source Power	18W
Emergency Output	100%
Discharge Duration	2 hours



Name	LED emergency kit (parallel circuit)
Main Voltage/Frequency	AC110/220V/50-60Hz
Battery Capacity & Voltage	Ni-Cd/Ni-MH 6v; 1500mAh
Source Power	≅ 50W
Emergency Output	20~30%
Discharge Duration	2 hours

1-7. Fluorescent lights emergency conversion kit



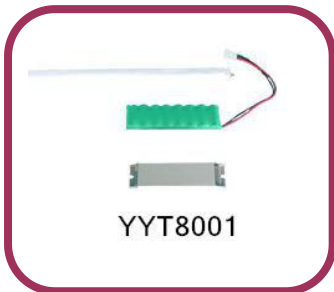
Name	T5 14W Fluorescent lamp emergency kit
Main Voltage/Frequency	AC100-240V/50-60Hz
Battery Capacity & Voltage	Ni-Cd/Ni-MH 6v; 1800mAh
Emergency Output	20~30%
Discharge Duration	2 hours



Name	T5 28W Fluorescent lamp emergency kit
Main Voltage/Frequency	AC100-240V/50-60Hz
Battery Capacity & Voltage	Ni-Cd/Ni-MH 6v; 2500mAh
Emergency Output	20~30%
Discharge Duration	2 hours



Name	T5 35W Fluorescent lamp emergency kit
Main Voltage/Frequency	AC100-240V/50-60Hz
Battery Capacity & Voltage	Ni-Cd/Ni-MH 9.6v;2500mAh
Emergency Output	20~30%
Discharge Duration	2 hours



Name	T8 18W Fluorescent lamp emergency kit
Main Voltage/Frequency	AC100-240V/50-60Hz
Battery Capacity & Voltage	Ni-Cd/Ni-MH 6v; 1800mAh
Emergency Output	20~30%
Discharge Duration	2 hours



Name	T8 36W Fluorescent lamp emergency kit
Main Voltage/Frequency	AC100-240V/50-60Hz
Battery Capacity & Voltage	Ni-Cd/Ni-MH 6v; 2500mAh
Emergency Output	20~30%
Discharge Duration	2 hours

II-1. LED Bulb



Main Voltage/Frequency	AC100-240V/50-60Hz
Source Power	LED 3W
Color Temperature	6500K
Luminous Flux	250lm
CRI	≥80Ra



QP0002

D 60mm x H 108mm

Main Voltage/Frequency	AC100-240V/50-60Hz
Source Power	LED 5W
Color Temperature	6500K
Luminous Flux	460lm
CRI	≥80Ra



QP0003

D 60mm x H 108mm

Main Voltage/Frequency	AC100-240V/50-60Hz
Source Power	LED 7W
Color Temperature	6500K
Luminous Flux	600lm
CRI	≥80Ra



QP0004

D 60mm x H 108mm

Main Voltage/Frequency	AC100-240V/50-60Hz
Source Power	LED 9W
Color Temperature	6500K
Luminous Flux	800lm
CRI	≥80Ra



QP0005

D 70mm x H 122mm

Main Voltage/Frequency	AC100-240V/50-60Hz
Source Power	LED 12W
Color Temperature	6500K
Luminous Flux	1100lm
CRI	≥80Ra



QP0006

D 80mm x H 135mm

Main Voltage/Frequency	AC100-240V/50-60Hz
Source Power	LED 14W
Color Temperature	6500K
Luminous Flux	1350lm
CRI	≥80Ra

II-2. LED Down Light



TD0001

Cut Out: 80mm

D 60mm x H 55mm

Main Voltage/Frequency	AC100-240V/50-60Hz
Source Power	LED 3W
Color Temperature	6500K
Luminous Flux	160lm
CRI	≥80Ra



Main Voltage/Frequency	AC100-240V/50-60Hz
Source Power	LED 5W
Color Temperature	6500K
Luminous Flux	300lm
CRI	≥80Ra



Main Voltage/Frequency	AC100-240V/50-60Hz
Source Power	LED 7W
Color Temperature	6500K
Luminous Flux	420lm
CRI	≥80Ra



Main Voltage/Frequency	AC100-240V/50-60Hz
Source Power	LED 9W
Color Temperature	6500K
Luminous Flux	630lm
CRI	≥80Ra

II-3. LED T8 Tube



Main Voltage/Frequency	AC110-240V/50-60Hz
Source Power	LED 9W
Color Temperature	4000K/6500K
Luminous Flux	850lm
CRI	≥80Ra



Main Voltage/Frequency	AC110-240V/50-60Hz
Source Power	LED 18W
Color Temperature	4000K/6500K
Luminous Flux	1700lm
CRI	≥80Ra



LED Emergency Lighting Technology

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