

machine translation



背景色

通常

白

黒

文字サイズ

小

標準

大

東京消防庁

Tokyo Fire Department

[東京消防庁](#) > [安全・安心情報](#) > 直管LEDランプに交換する際、蛍光灯照明器具との組合せを誤ると火災につながるおそれがあります。

When replacing a straight LED lamp with a fluorescent light fixture

Incorrect combination may lead to a fire.

Fires were reported in two locations within the Agency's jurisdiction during July and August in connection with straight-through LED lamps.

The fires were caused by the wrong combination of straight LED lamps and fluorescent lamps.

If the combination is continued to be used in a different way, the internal parts may be overheated due to overvoltage, high frequency or excessive current flowing into them, causing them to overheat and catch fire. Since straight LED lamps are now widely used and can be easily replaced by anyone, there is a concern that the number of similar fires may increase.

When replacing straight LED lamps, make sure that the lamps are compatible with fluorescent lamps before installing them.

Examples of fires

(1) Case 1

date of outbreak of fire

July 2016

building on fire

Fireproof housing Ceiling (indirect lighting)

cause of the fire

A fire was caused by the incorrect installation of a straight tube LED lamp for rapid-start lamps in a semiconductor fluorescent light fixture.

(2)Case 2

date of outbreak of fire

August 2016

building on fire

Fireproof apartment building, 1st floor hall

cause of the fire

The fire was caused by the incorrect installation of a straight tube LED lamp for rapid-start lamps in a glow starter-type fluorescent light fixture.

Causes of the fire and countermeasures

In each case, the person who replaced the lamps did not sufficiently check the start-up system of the fluorescent lighting fixtures and lamps, and as a result, installed the wrong combination.

Warning from the Japan Lighting Manufacturers Association

Please refer to the following website for a reminder from the Japan Lighting Manufacturers Association about similar cases.



こんな確認で大丈夫？

The straight-through LED lamp to be replaced had the same indication as the lamp before it was replaced.

→

Even if the lamp is labeled the same, some fluorescent luminaires may not be compatible, depending on their specifications.

Check both the lamp and the fluorescent light fixture before you replace it yourself. For now, I installed it and it lit up without any problems.

→

It doesn't always fit. There have been cases of fires starting a few months after installation.



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In addition, there are also rapid-start and starter types.

Straight-tube LED lamps

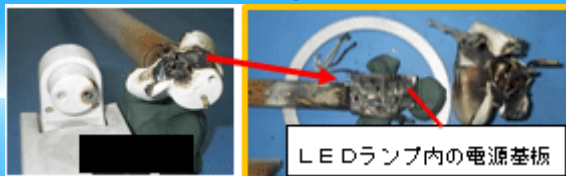


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このほかに、スタータ式などがあります。

Burnout

The board is receiving so much heat that it is ashen.



LEDランプを交換する場合は、蛍光灯照明器具の表示内容を確認してね！！

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