



LED visible light disinfection

Business Group – LED

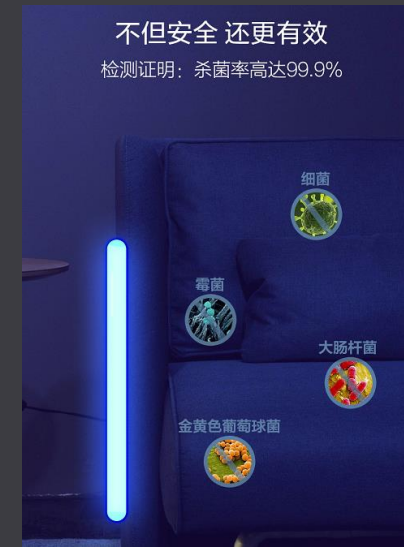
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Disinfection portfolio offer in consumer application

Pure 405nm visible light disinfection luminaire, portable and movable with USB port.



5W LED disinfection USB luminaire
Available in June/July 2020



Philips disinfection cons portfolio is an innovative offer that has optimized 405nm spectrum embedded for disinfection purpose. It automatically and effectively disinfects the environment in a biologically-safe and continuous manner.

The Benefits & Reason-to-Believe

Benefit #1

> 99.9% disinfection effectiveness

- Kills > 99.9% of certain bacteria within 8hrs
- Certain virus to be tested
- Certain mold to be tested

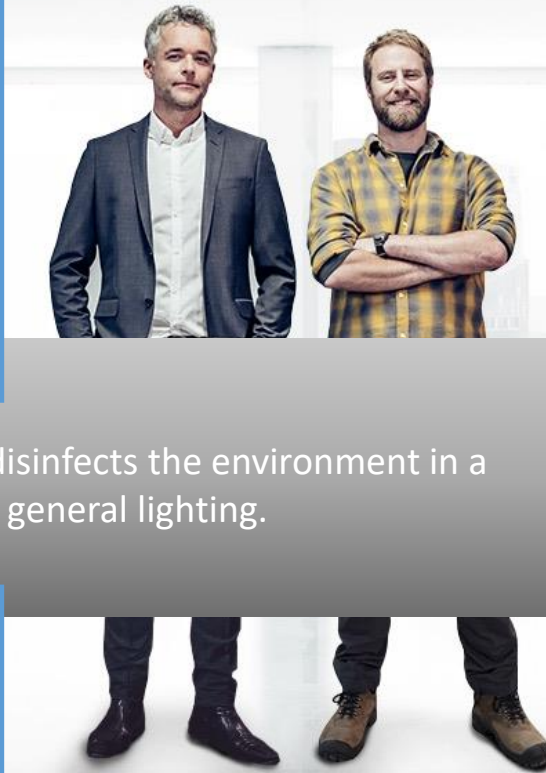
* Test done by 3rd party lab and under defined test conditions
* Need to determine right germs for test for key applications, types may differ.

Philips Disinfection lamps continuously and effectively disinfects the environment in a biologically-safe manner, as well as serves general lighting.

Benefit #2

Safe for living beings and surroundings

- RGO according to IEC62471: no harm to eyes or skins even under extreme exposure
- Visible light spectrum, no blue light hazard
- No O₃ generation
- Less material aging (than UVC)
- No chemicals/consumables involved



Benefit #3

Easy to use

- Retrofit lamp that requires minimum renovation
- No special expertise needed, just as easy as turn on the lights
- Continuous disinfection as long as the light is turned on
- No mis-use risks, so no need to create isolated environment

Signify