

# THE ANALYSE OF COMPETING PRODUCTS



A from USA



B from China



Ultra Air®

IMPORTANT CONCLUSION

Both **A** and **B**

**DON'T** have

The function of

**Air Sterilization**



A : Only with UVA

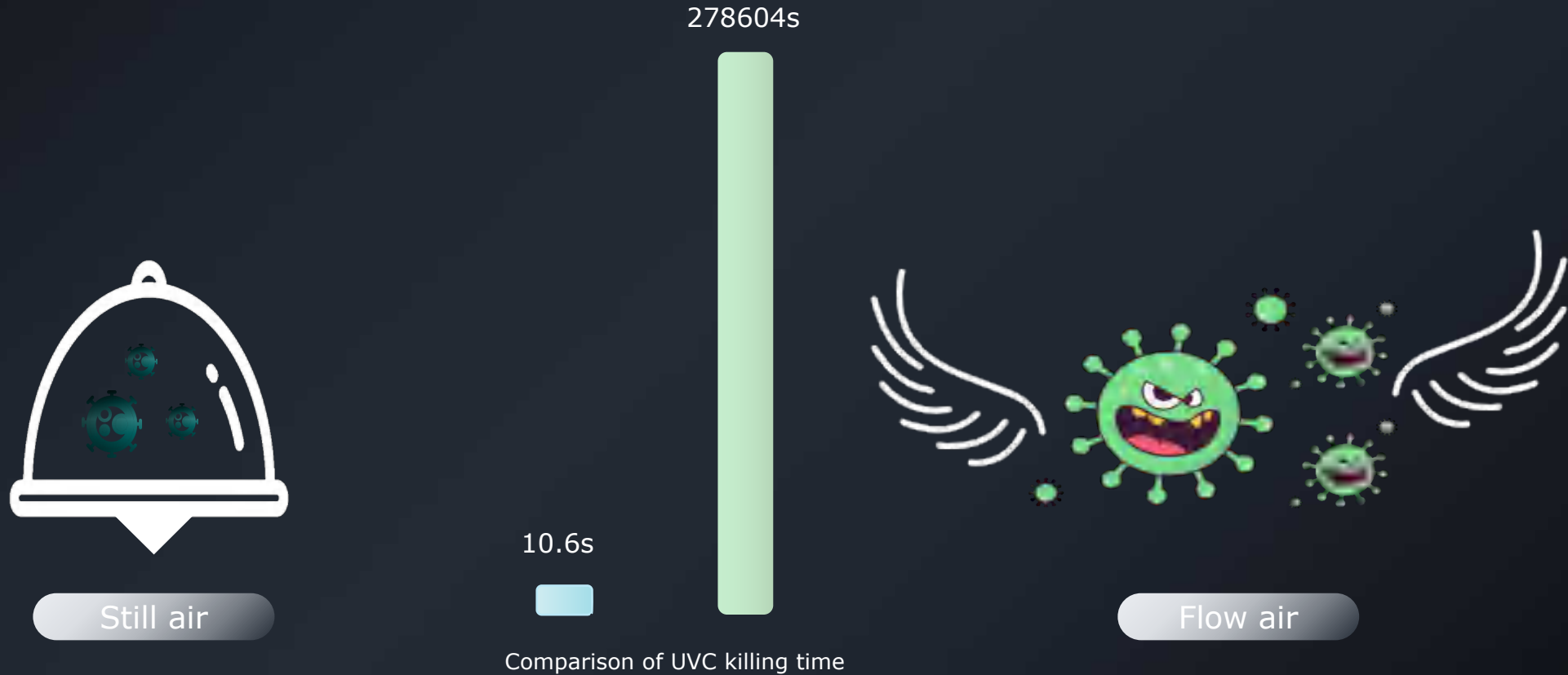
With UVC+UVA+  
Photocatalyst  
**Ultra Air**<sup>®</sup>



B : With UVC+UVA



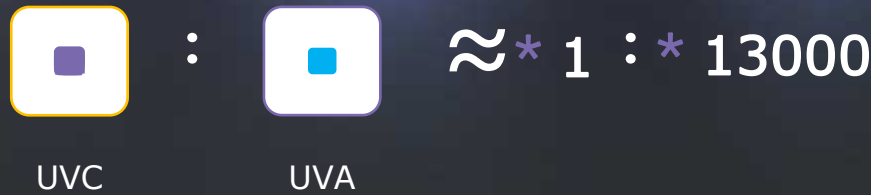
Without Photocatalyst, the needed time to kill bacterial & virus in flow air, is 26,160 times than in still air.





A:UVA LED

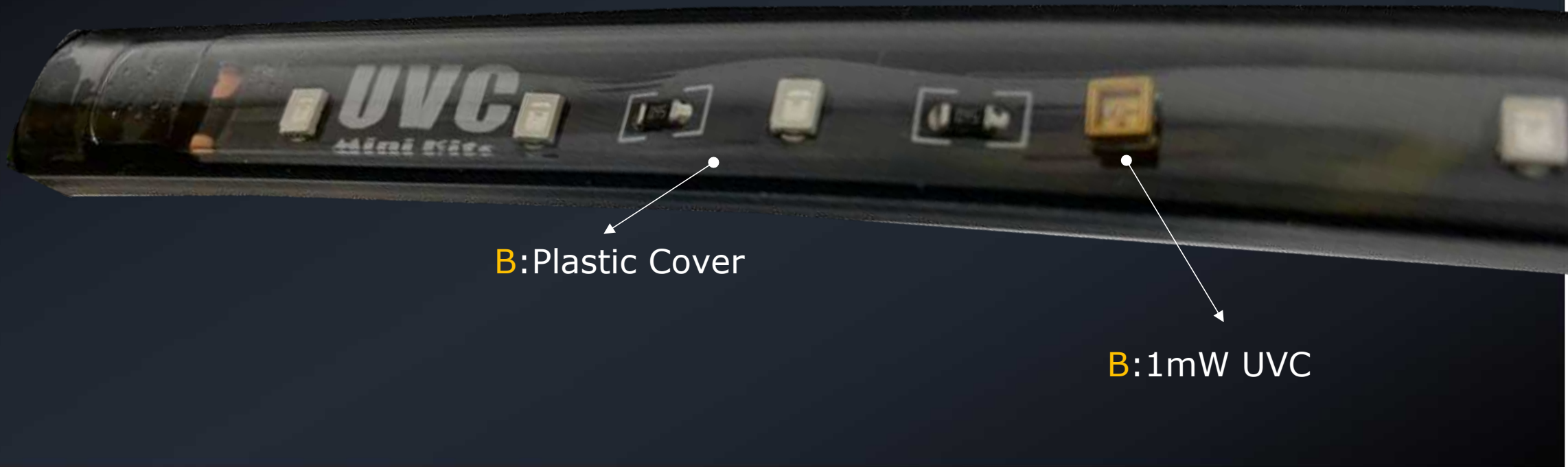
# UV Does Requirement



UVA doesn't have sterilizing function

Even if A use 405nm UVA (the only wavelength has sterilizing function) ,the dose needed is 13,000 times than UVC

It makes no sense for air sterilization



Even B has UVC LED, but UVC is not able to pass through plastic Material

So the product is actually NOT able to release UVC radiation



The test card shows that **B** cannot emit UVC energy

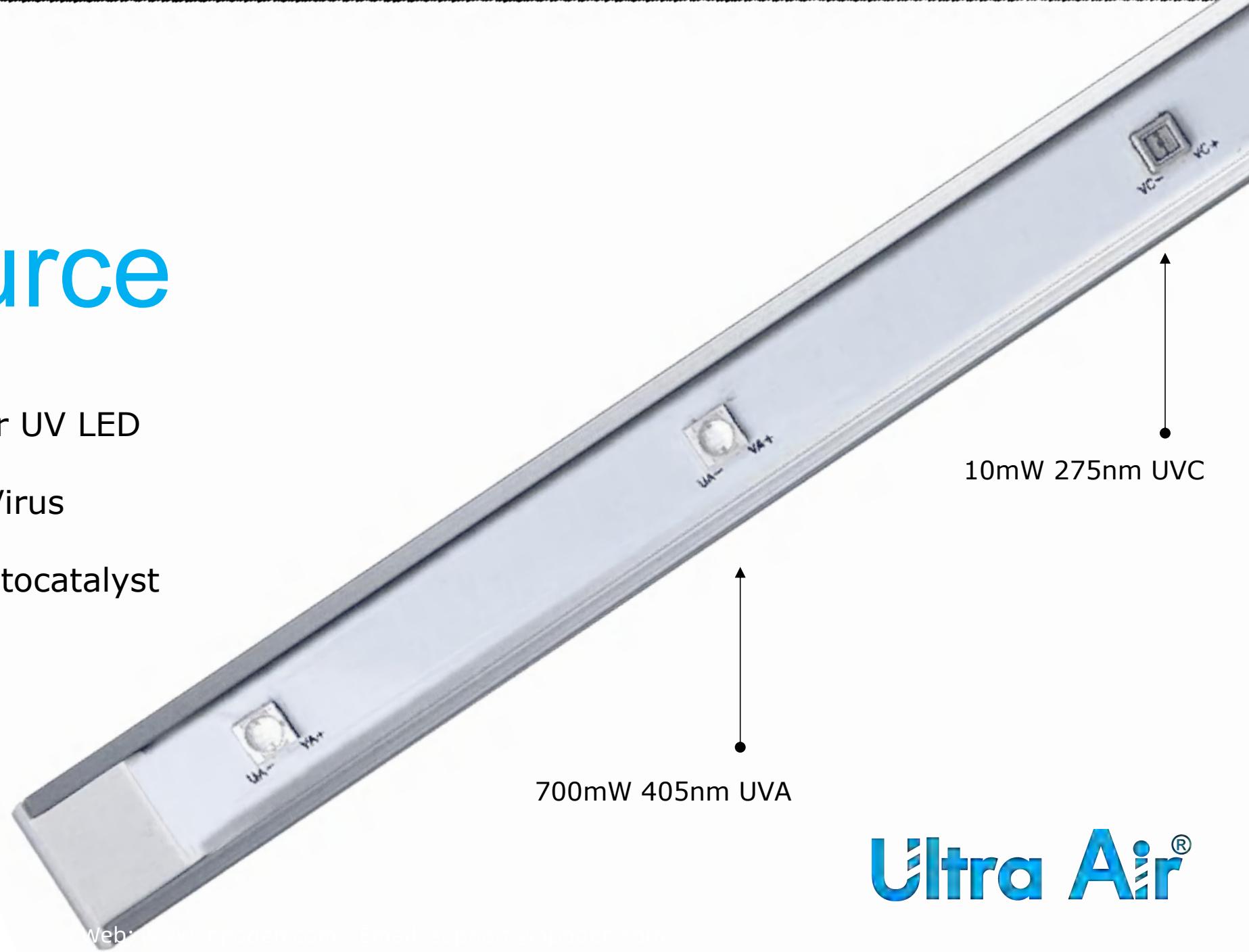


**B** from China

**Ultra Air**<sup>®</sup>

# LED Source

- Ultra Air use high power UV LED
- UVC to kill Bacterial & Virus
- UVA to activate the photocatalyst



Web:

**Ultra Air<sup>®</sup>**





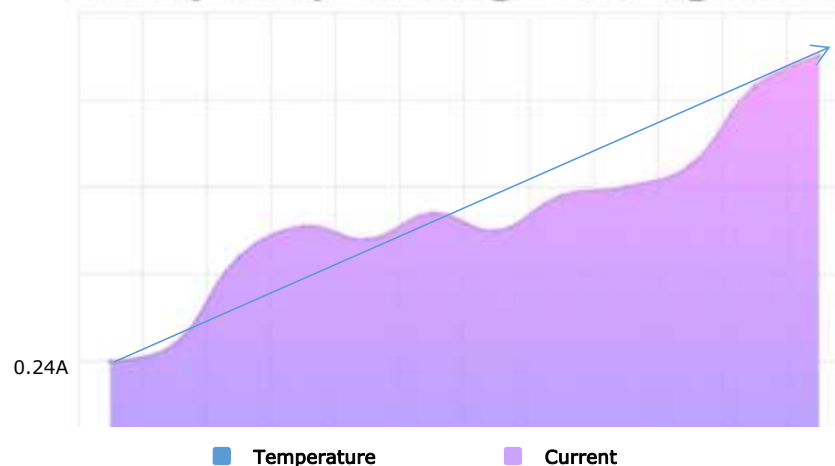
A from USA



B from China

Both A and B use **UNKNOWN** Constant Voltage Driver,  
the biggest problem is

Current would increase gradually, cause temperature increase also  
finally may damage the light source



# Driver

- Ultra Air use Meanwell Constant Current Driver
- Meanwell is the Global TOP 1 brand
- Constant Current Driver has no problem about current increasing



# Heat Sink

is one of

the key factors that affect the lamp life.

Every 10 degrees rise in temperature, the lifespan of light source is shorten by 50%.



Ultra Air®



# Heat Sink

Ultra Air use Aluminum Heat Sink, offers even better support for heat dissipation



For both **A** and **B**

Are you afraid of seeing so many

**installation tools?**

What you need to do with Ultra Air

is open the front panel.





# YOUR BEST CHOICE



**Ultra Air<sup>®</sup>**