



Light-Source Types and Efficiency for Energizing your AGT™ Surface

It is important to realize that the light-source, brightness and type of bulb determines the efficiency of AGT™ surface energizing. ***Efficient bulbs not only charge faster, but can obtain a brighter level of glow.***

List of Light Bulbs in order of Efficiency

1. Direct Sunlight – **HIGHEST** - BEST SOURCE for AGT™ surface energizing
2. Black Light Tube
3. UV LED's
4. Fluorescent Bulbs/long tubes
5. Compact Fluorescent or CFL - spiral tube, screw-in
6. Incandescent - standard light bulb
7. Blue/Purple LED's
8. White LED's - **LOWEST**

SUMMARY

Direct Sunlight – the BEST light source to energize AGT™ surfaces.

Black Lights – create the second most efficient light source to energize AGT™ surfaces. A black light on for a few seconds will allow AGT™ to glow brighter than an incandescent bulb lit for 10 hours. AGT™ will achieve an 80% charge within a few seconds, 90% charge within 30 seconds, 95% charge within 2 minutes and a 100% charge in approximately 10 minutes.

Fluorescent bulbs, both CFL and tube style - naturally emit more ultraviolet light, which makes them more efficient than regular incandescent light bulbs.

Incandescent – Regular Light Bulbs: A 100 watt incandescent light bulb as a charging source, has only about 10-25 watts that are working to actually charge the pigment. Therefore, a 60 watt black light bulb will far outperform the higher powered white light.

COMMONLY ASKED QUESTIONS

How long does it take to get a full charge?

AGT™ will reach its maximum charge rate from any light source in 20 minutes. Maximum Charge & Speed of AGT™ Charge will change depending on the light source used.

Does size of AGT™ aggregate have an impact on charge time & length of charge?

The size of the pigment does have an impact on charge time required and charge length. Larger aggregates like AGT-Y#1 will glow brighter and longer but take more minutes to charge than AGT-YS.

What is the best type of White light bulb to use?

The best type of white light to use would be either Fluorescent or CFL "Daylight" bulbs.

VERY IMPORTANT AGT™ USAGE FACT:

If you walk from a bright, well-lit room or outdoor area and then you walk into an area of darkness - the human eye requires approximately 15 minutes to adjust to this low light/dark environment. During this period of eye adjustment AGT™ will actually look as if it is not bright... But as your eyes become adjusted, to the darkness, the AGT™ aggregate will 'appear' considerably brighter.