



Real Sunlight is 100% safe for everyone from children to adults

Real Sunlight is regulated by norm S EN 60 335-2-27 (European ref CENELEC 60 335-2-27), which is for equipment emitting UV radiation.

Real Sunlight is designed to be 100% safe for all skin types.

The Swedish authorities, who operate the toughest UV regulations in the world, state that UV light exposure up to $30\text{J}^{\text{m}^{-2}}$ is completely safe for all skin types.

For your information, with repeated UV light exposure this recommended safe level increases due to the body's natural ability to form its own protective pigment.

Real Sunlight recommends 60 minutes per day of sunbathing under its full spectrum light. This is equivalent to a UV exposure of approximately $10\text{J}^{\text{m}^{-2}}$. The UV levels of Real Sunlight are therefore three times less than the 100% safe limit imposed by the Swedish regulations.

To put this figure into context, a solarium in Sweden can expose someone to a dose of $100\text{J}^{\text{m}^{-2}}$ the first time they sunbathe, and as people build up a sun tan they are allowed to receive doses up to $500\text{J}^{\text{m}^{-2}}$. One hour sunbathing at the canary islands gives you a dose of approx $280\text{J}^{\text{m}^{-2}}$ and one hour sunbathing at the longitude of Stockholm at the height of the Swedish summer will give you a dose of around $100\text{J}^{\text{m}^{-2}}$.