ROOF LANTERN

SHADING EFFICIENCY

With Microlouvre KoolShade®

Let's face it, a room with a lantern roof is a thing of beauty. Allowing light to flood in and making a connection to the ouside.
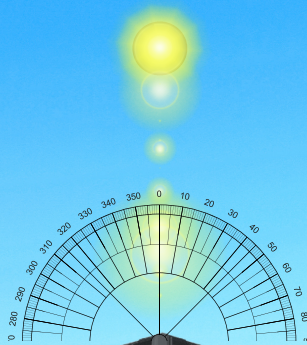
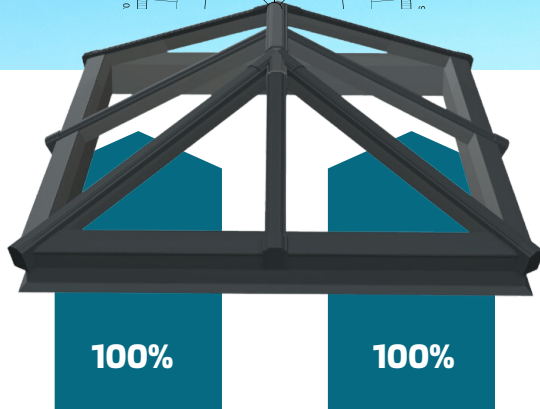But, with Global temperatures rising fast due to climate change Roof Lanterns are allowing in too much heat and glare.

Microlouvre KoolShade® will STOP the heat and glare of the sun

When the sun is directly above your roof lantern, **100%** shading is achieved through both sides.

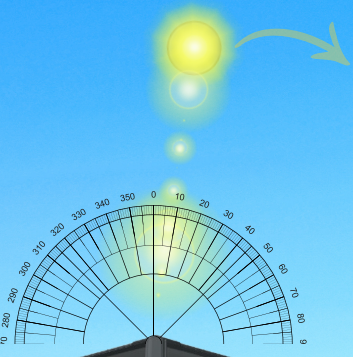The sun moves constantly. As it does, the efficiency of the shading changes.

- Daylight
- Emotional Wellbeing
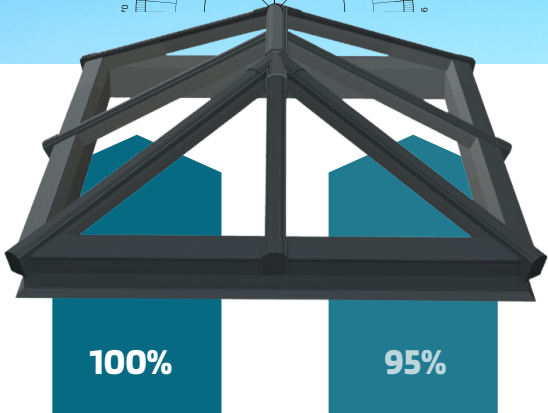- Beautiful Sunny Views
- Vitamin D
- Physical Health

- Full Vision Out
- Sustainable
- Maintenance Free
- Allows Ventilation
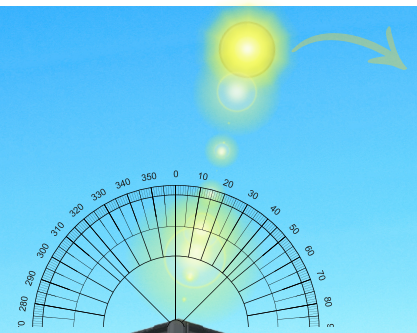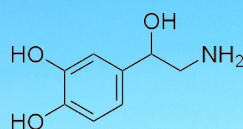- Easy To Install

100% **100%**

As the sun slowly moves the angled louvres maintain a high degree of shading

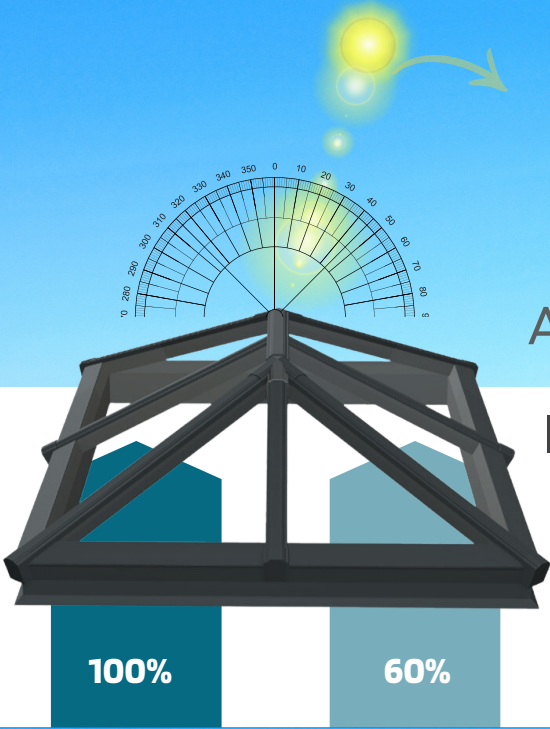It doesn't allow the hot solar radiation through, and removes the sun's glare

100% **95%**

Natural daylight can benefit human beings in many ways, not least of all it promotes the production of seratonin

Nothing is more effective at removing solar heat gain whilst allowing natural daylight to flood through
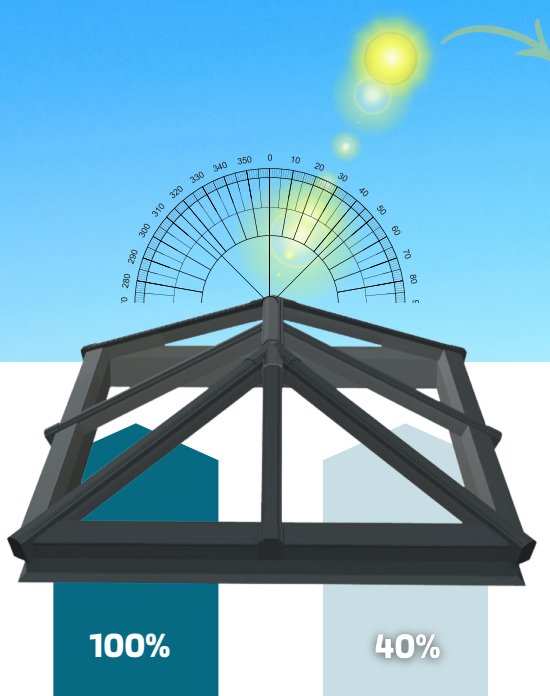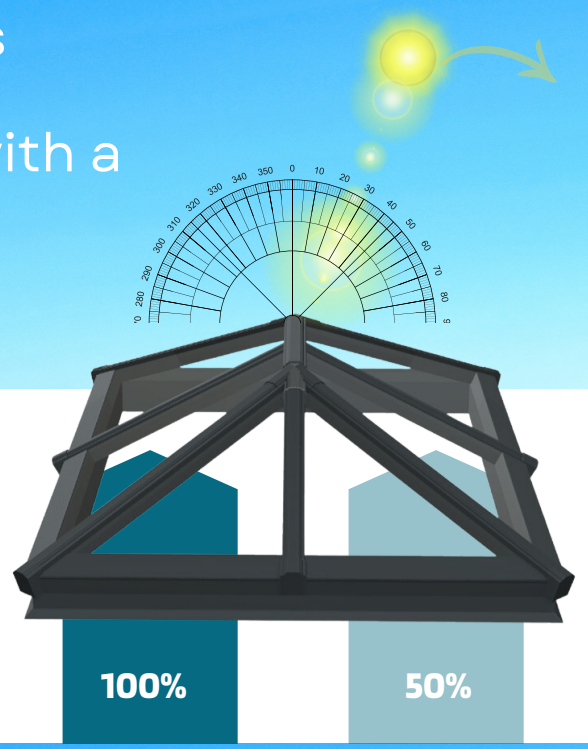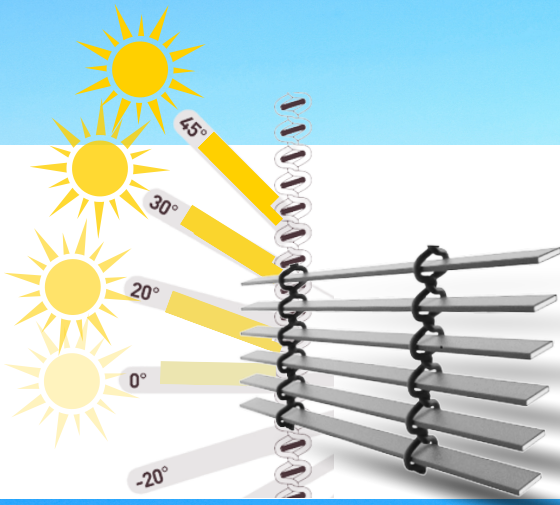
100% **80%**

As the day progresses, the intensity of the sun drops

And internal spaces are kept cool

In domestic settings, or anywhere where people live their lives, sunlight is usually very welcome, and actually very healthy and good for your wellbeing

100% | **60%**

Microlouvre KoolShade® allows perfect vision out and an unrestricted flow of fresh air with a Clear Open Area of 80%

45°
30°
20°
0°
-20°

100% | **50%**

But still allows light and ventilation to pass through as normal. This keeps rooms well lit and comfortably cool.
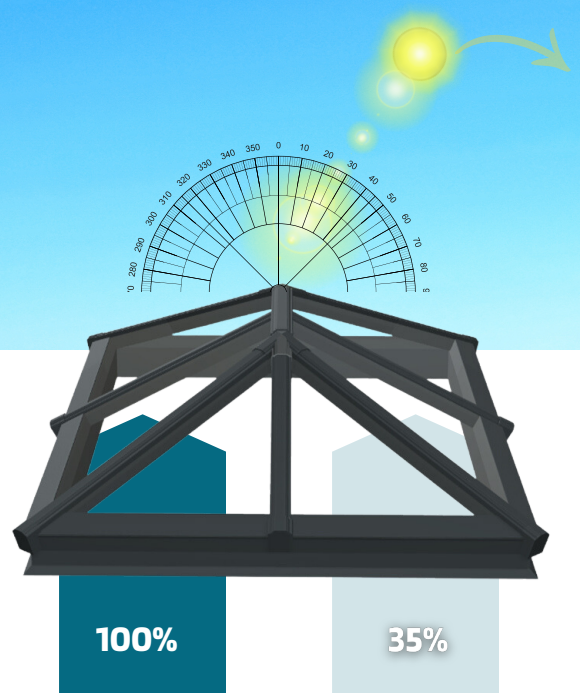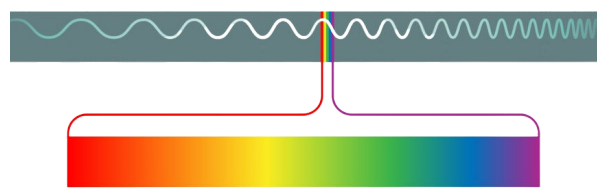
- Balanced daylighting
- Glare control
- No upward light pollution
- Energy conservation

100% | **40%**

Only one half of the roof lantern has reduced efficiency

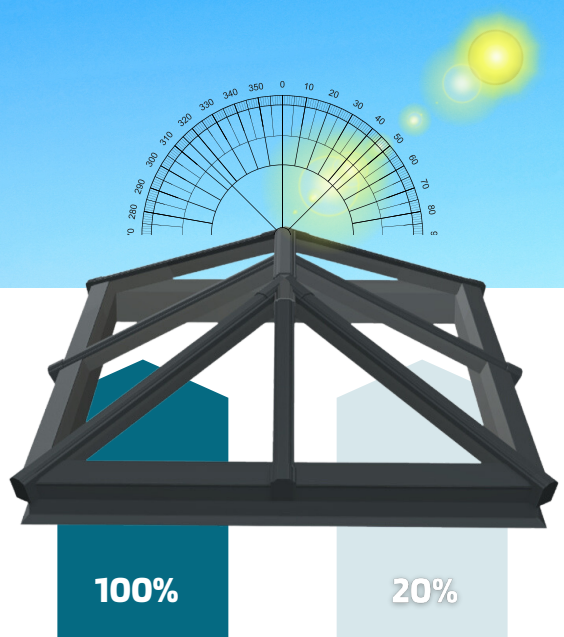The other half retains

100%

solar heat block.

Outward vision is unobstructed

And a full array of visual light is achieved (full CRI).

100% | **35%**

Rooms flood with daylight and remain cool from natural, passive 'air conditioning'. Solar heat gain is stopped before even reaching the living space.

100% | **20%**

KOOLSHADE®