

# HUMAN & ENVIRONMENTAL RESPONSES TO ACUTE LIGHT

THERE'S A REASON BRIGHT LIGHTS WERE USED IN BYGONE INTERROGATIONS. IT WAS USED TO CREATE EXTREME

## SENSORY DISCOMFORT

### LIGHT TRESPASS

When Light Creeps into unwanted places it can be upsetting to People, Flora & Fauna alike.

### THE RIGHT SPECTRUM OF LIGHT

Artificial light imitating daylight around urban areas can be disruptive to people's health and urban eco systems

### CIRCADIAN RHYTHMS

When unbalanced can trigger changes to reproductive, social behavior and the physiology of species

### NOCTURNAL AND DIURNAL

Light at night can create imbalance. It can attract or isolate & even reduce species population. It can also create previously minimal Diurnal & Nocturnal species competition.

### WHITE LIGHT

Higher kelvin white light attracts more insects like Mosquitoes and Mayflies which can increase viral infection amongst humans

### 3000K

LED lights lower than 3000K are highly recommended. Advances in technology mean that are just as effective as older far larger, older versions.

### LUX LEVELS

Too much lighting leads to light pollution, is often not needed light and a waste of energy, all of which are associated with climate change.

MicroLouvre® can redirect light onto objects or buildings and concentrate the light source to the intended direction, solving the problem of unwanted light trespass and reducing light spill and glare. With its 80% open area, MicroLouvre® permits optimum light transfer, ensuring high energy efficiency, which is key to any lighting strategy. MicroLouvre® can provide either a symmetrical or asymmetrical light 'kick'.