

5 STAR EXTERNAL LIGHTING

1. Design Excellence ★

Responsible clients and innovative lighting design solutions.

2. Downward and Shielded ★★

Light only when and where it is needed.

3. Use Warm Lighting Hues ★★★

Be good to ourselves and the rich biodiversity around us.

4. Limit Brightness ★★★★

Dazzle is detrimental to safety, health, and our environment.

5. Actively Manage ★★★★★

Part of a continuous improvement culture in environmental management.

1. Design Excellence

Responsible clients supporting environmentally sensitive lighting design solutions.

Challenge the need for lighting. Is it really necessary?

Review any existing excessive night light activities and seek alternatives.

Consult with: local planners, ecologists, residents, and local astronomers groups about starlit skies.

A well thought through solution will avoid costly rectification later.

Any development should integrate and enhance biodiversity and consider it an asset.

Eliminate or mitigate environmental impacts relating to human health and nuisance.

Actively encourage and support designers and installers in seeking subtle, innovative, lighting and related control systems.

2. Downward and Shielded

Light only when and where it is needed.

Light travels in straight lines thus enabling control. Therefore direct and shield all lighting.

Eliminate uplight. It is entirely avoidable. It obscures stars by 'skyglow' pollution. It reflects light back from clouds.

Shield around the light to eliminate the spill of light causing nuisance to neighbours and damage to the environment.

Position and direct to avoid glare into the eyes of pedestrians and drivers.

Use timers and movement activated lighting to reduce impacts where practical and safe to do so.

3. Use Warm Lighting Hues

Be good to ourselves and the rich biodiversity around us.

These are warm white to yellow or amber lights - ideally 3000 Kelvin or below

Avoid stark white and cooler hues. Researchers are indicating that Blue LED light is detrimental to life and consider that there may well be links to breast and prostate cancer.

4. Limit Brightness

Dazzle is detrimental to safety, health and our environment.

Limit Lumen levels to avoid reflection from the ground back up to the sky.

Avoid blinding people or diminishing our ability to perceive threats to our safety at night.

Help us all to get a good night's sleep and protect nocturnal species.

Allow us and future generations the chance to wonder at a starlit sky.

5. Actively Manage

Part of a continuous improvement culture in environmental management.

An individual is designated and empowered to manage and limit external lighting.

Turn off immediately when not in use.

Include lighting in environmental impact assessments, regular reviews and continuous improvement culture.

Require contractors to also comply for lighting to compounds and facilities.