



OUTDOOR LIGHTING GUIDANCE:

Understand Light Pollution:
Light pollution refers to excessive and misdirected artificial light that negatively affects the natural darkness of the night sky. Excessive lighting can disrupt ecosystems, disturb wildlife, and impact human health. Familiarize yourself with the concept of light pollution and its environmental consequences.

Prioritize Lighting Design:
When planning external lighting installations, prioritize efficient lighting design techniques to minimize light pollution. Opt for lighting fixtures that direct light only where it is needed, minimizing glare and spillage into the night sky, neighboring properties, and natural habitats.

Use Appropriate Lighting Levels:
Ensure that your external lighting provides adequate illumination while avoiding unnecessary over-illumination. Light levels should be appropriate for the intended purpose and location. Select lighting fixtures with adjustable brightness settings or use timers and motion sensors to control lighting levels based on activity and need.

Choose Energy-Efficient Lighting:
Opt for energy-efficient lighting solutions to reduce energy consumption and associated greenhouse gas emissions. LED (Light Emitting Diode) technology offers excellent efficiency, long lifespan, and flexibility in controlling light output. Consider replacing older, inefficient lighting systems with LED alternatives.

Optimal Lighting Direction:
Direct light downward, focusing on the target area rather than casting light upward or outward. Downlighting minimizes light trespass, enhances visibility, and reduces unnecessary light pollution. Avoid lighting installations that emit light above the horizontal plane, as this contributes significantly to light pollution.

Consider Lighting Control Systems:
Install lighting control systems such as motion sensors, timers, and dimmers to reduce energy waste and improve lighting efficiency. Automated controls can adjust lighting levels based on occupancy, time of day, and ambient light conditions, ensuring light is used only when necessary.

Respect Dark Sky Areas:
The UK has designated Dark Sky areas that are preserved for stargazing and the protection of nocturnal wildlife. If your property is in or near such an area, consult local regulations and guidelines to ensure compliance with lighting restrictions that help maintain the darkness of the night sky.

Shield and Direct Light Appropriately:
To minimize light pollution, shield lighting fixtures and direct light downward using appropriate shields, reflectors, or lenses. This technique reduces glare and spillage, directing light where it is needed without disturbing neighboring properties, wildlife, or the night sky.

Conduct Regular Maintenance:
Regularly inspect and maintain your external lighting installations to ensure they operate efficiently. This includes replacing faulty bulbs, cleaning fixtures, adjusting misaligned lights, and updating control systems. Proper maintenance contributes to the longevity and effectiveness of the lighting while reducing light pollution.

Proposed lighting design should be in accordance with the NPPF and local framework. Guidance should be taken from Institute of Lighting Professionals - Guidance note for the reduction of obtrusive lighting 2021.

The lighting proposed should be in accordance with the manufacturers specification and application. Similar approved lighting can be used with prior approval of the client. All lighting design and specification to lighting specialists details and calculations.

OUTDOOR LIGHTING KEY

-  Kingfisher Lighting - I-TRON LED die cast aluminium street light on steel column (Or similar approved) - Refer to data sheets
-  Kingfisher Lighting - QUARTO 2.0 LED die cast aluminium external wall hung light (Or similar approved) - Refer to data sheets

1 OUTDOOR LIGHTING PLAN

1:200



The copyright of this drawing is vested with Novl Studio and must not be copied or reproduced without the consent of the company.

Rev.	Description	Date	Drw.	Chk.

Client
Ahmed Yaseen

Project
Cannon Way, Dewsbury

Drawing Title
Indicative Outdoor Lighting Layout

Drawing Status
Planning



Drawing No. 23-005 - PL07				Revision 00
Drawn AR	Checked AA	Paper Size A2	Scale 1:200	Date 02.07.23