

EXTERNAL LIGHTING STRATEGY

General comments

The detailed design of external lighting will be produced by electrical engineers as a part of building regulation drawings and documents. Careful consideration has been taken to produce a lighting scheme to enhance the features to create a pleasant and secure atmosphere in the front garden, rear garden and public areas.

Another criteria for selection was the sustainability requirement, by taking measures like using energy efficient LEDs and avoidance of spill light. The following light fittings or similar are to be used for the external lighting of the building.

1. Entrance door light

Elstead Manhattan Small Wall Lantern

Manhattan is a classic update to the traditional train station lantern.

The hand-painted Oil Rubbed Bronze finish complements the clean lines of its durable die cast construction. The light fitting will have an energy efficient sustainable bright E27 base LED bulb. They could be linked to dusk to dawn sensors to provide a sustainable system. The Manhattan lets light out at all 3 angles to create a soft glow. The light fitting has IP44 protection. Fitting is 298mm. High with 184mm Width/Diameter.



Manhattan Outdoor Wall Box Lantern (or similar)

2. Terrace Wall Lights.

A Meridian light fitting supplied by Exterior Lights UK or similar are chosen for entrance area. These Meridian wall luminaires have high output light fitting and cutting edge design features. The Meridian lets light out at all 3 angles to create a soft glow. The light fitting will have an energy efficient sustainable bright E27 base LED bulb. They could be linked to dusk to down sensors to provide a sustainable system.

The Meridian mounting system allows the simple alignment of the luminaires after installation. The main body is aluminium with a silver grey powder coated finish and have IP54 protection.



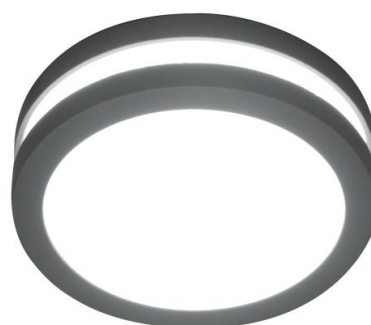
Meridian, Silver Grey Outdoor Wall Box Lantern (or similar)

3. Wall Light

These low energy light fittings or similar are chosen to produce lighting to the disabled car park, refuse room and bike store. They can be fixed to low level wall, fence or facade to produce discreet lighting.

They use energy efficient LED light bulbs to produce soft glow around the fittings. They work with dusk to dawn sensor to optimise energy use. These light fittings produce sufficient light (min average of 20 Lux) when it is required manually or automatically.

Mini Titan Outdoor Wall Light has a contemporary look designed by modern British designer and Manufacturer Elstead Lighting. The stylish Mini Titan Light is made from high pressure die-cast aluminium with a powder coated graphite grey finish. A small round frame over an opal glass diffuser finishes the look perfectly. One Energy Saving GX53 LED 9w lamp is required. An IP54 rating ensures suitability for outdoor use and there is a 5 year anti-corrosion guarantee on all paint finishes. This versatile range of modern energy-efficient outdoor lighting would be suitable for a wide range of purposes. This is a small light fitting with 140mm width and 55mm projection.



UT/MTITAN 3172S
Elsstead Mini Titan Outdoor Wall Light (or similar)

4. Security lighting

These light fittings are photovoltaic and utilise solar energy and they are used in car park and bike/refuse area. The EVO36 Solar Powered Outdoor Security Light with PIR Sensor by Lamps2u direct light fitting is chosen to produce additional lighting. They use energy efficient LED light and work with motion sensor. These light fittings produce additional light when it is required only. They can be operated manually or automatically.

This convenient and environmentally friendly solar powered security light offers 36 LEDs and a PIR motion sensor. A solar panel connects to the light fitting through 5 metres of cable which can be expanded with further 3m extension cables, 36 High Powered LED bulbs for superior brightness, adjustable sensitivity, adjustable dusk setting and on / off switch, PIR sensor only activates light after dusk.



EVO36 Solar Powered Outdoor Security Light with PIR Sensor -
from lamps2u direct.com (or similar)

5. Mini London Solar Post Lights

These light fittings are chosen to be sustainable and produce sufficient low level lighting to illuminate the front gardens area. They are sustainable light fittings with photovoltaic and utilise solar energy.

The Mini London solar post lights prove that quality comes in small doses. These solar-powered lighting fixtures pack cutting-edge technology and sophisticated design, and are a stylish and affordable solution to your outdoor lighting needs.

Just like the rest of our solar-powered lighting solutions, the Mini London have been created to be a reliable source of lighting any time of the year. Despite their small size, these solar post lights can keep your garden or patio lit up for up to 10 hours. And since they do not need to be wired or connected to the mains, you can enjoy fully functional lighting without digging up your garden or laying cables that can cause trips and falls.



Mini London Solar Post Lights - from
thesolarcentre.co.uk (or similar)

6. Court yard Pergola Lantern

Xanthe large antique bronze outdoor exterior garden pendant.

The lantern hangs from a chain that is connected to a circular ceiling rose, at the bottom of the chain is a connecting ring attached to a round cylinder with

a domed rim below it, at the bottom of the light is a matching round base that is held to the rim by thin metal support rods.

In the middle there is a cylindrical glass shade that contains a metal mesh cylinder, this surrounds the bulb holder at the centre.

The finish of the metalwork on this pendant is a rustic antique bronze colour.

This is IP 54 rating light fitting for outdoor environment with dimmable capacity.



Xanthe Large Antique bronze pendant – from www.thelightingsuperstore.co.uk (or similar)



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