



Guide to:

Security Lighting

Presented by:



Table of Contents

Introduction to Security Lighting	3
Why to Implement Security Lighting	4
Where to Implement Security Lighting	7
How to Implement Security Lighting	11
Solar Security Lighting Benefits	13

Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

Introduction

Security lighting has been instrumental to deterring crime and improving security to public, business, and residential spaces. The lighting reduces crime by facilitating surveillance by authorities and communities after dark and enhances community confidence and increases informal social control.



Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

Why to implement

The objectives of installing security lighting include:

1. Provide clear visibility of areas from a distance to see anyone moving in or around the area
2. Remove potential hiding places around routes that are traveled by pedestrians
3. Provide facial recognition at a distance of about 30'
4. Assist the use of other safety devices such as cameras in the area
5. Deter crime against property and people
6. Increase nighttime pedestrian traffic and feeling of security

Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

Why to implement

The responsibility of providing the security lighting falls on the property owner, business operator, or resident as it is not only assisting the surrounding area but also their own sense of self security. What is also beneficial in this aspect is that they know the surrounding area and the flow of traffic better than a stranger to the area.

Installing security lighting is beneficial to both personal home owners and business owners in different ways. To a personal home owner the why is simple, not only does it drastically lower the chance of a break in or theft of outside property it also, in the case of theft trespassing, gives a much better chance at being able to identify the perpetrator or catching them on camera. This gives the homeowner a greater sense of control and safety should such a thing occur.



Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

Why to implement



For the business owner the same sense of safety and control would apply but for them it also brings a sense of safety and security to the surrounding

area and the people and employees who frequent the business. Night employees would undoubtedly feel much better about leaving their work if there were safety lights to light up their parked car. Customers who shop at night are also much more likely to shop at a business who has taken the time and care to set up security lights to brighten up their area rather than a dimly lit, shady looking store. As you can see the benefit of security lighting for businesses is not only for the safety of the business's property but also the people who use it.

Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

Where to implement

Residential Security Lighting

Residential areas and homes should implement security lighting to deter intrusions and help keep families safe from harm. Landscape lighting is a great way to illuminate areas outside a home and show boundaries more easily. Flood lights that are activated by motion detectors are another way to have the element of surprise while illuminating the area with a bright light for good visibility. Street lights along residential streets help make sure people that are out after dark walking are safe.



Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

Where to implement

Unoccupied Area Security Lighting

Storage yards and industrial areas typically employ perimeter lighting to provide added security around the boundaries to prevent trespasses. Container and rail yards have additional lighting between containers to prevent tampering with the shipments.



Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

Where to implement

Office and Commercial Building Security Lighting

Entrances are one of the most important locations for implementing security lighting for business owners.

They are key points that, in the case of robberies, having them well lit will be instrumental in a successful identification. Also having well lit entrances and surrounding landscapes make the business much more respectable looking to perspective clients. Parking lots for employees and customers also need to be well lit for the safety of the people traveling to and from the building at night.



Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

Where to implement

These are just some of the ways that different people implement security lighting dependent on their particular needs. The location of where you chose to place security lighting is very important and should be thought over carefully so when you chose to place the lighting it works exactly as it needs to so your needs are fully fulfilled. I hope the information in this post helps you on your way to successful security lighting.

As you can see the benefit of security lighting far outweighs the initial cost or hesitation of buying the lights. Nothing is worth more than the peace of mind and sense of safety that such a simple thing as lighting can bring to both the property owner and the business operator.

Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

How to implement

Residential Security Lighting

Residential security lighting comes in many forms such as landscape lighting, perimeter flood lighting, and access lighting.

Landscape lighting uses low light levels, but help by showing movement around the residence. Motion detected perimeter flood lights are a great way to secure the outside of a home as well as alert the homeowners of possible movement outside. Finally, access lighting, which is typically installed in doorways, allow the homeowner and visitor to clearly see each other. All of these types of lighting can be purchased from a home improvement store such as Home Depot or Lowes and have easy installation methods, especially when using solar powered landscape and security lighting. If you are working on the home's power, don't forget to turn off the breakers first!

Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

How to implement

Business Security Lighting

When a business is needing security lighting, they are requiring much larger scale lighting systems. These lighting systems are usually designed by a lighting engineer and require extensive electrical knowledge to install. Businesses that are open after dark need brightly lit walkways,



parking lots, and entrances to make sure the employees and customers are safe. After the business closes, the lights sometimes can be dimmed down to lower the

power consumption. These lights are purchased through a lighting manufacturer or distributor and require electricians for installation. If solar security lights are being used, the voltage is much less, but hiring an electrician still may be your best option for installation, but is not required.

Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

Solar Security Lighting Benefits

Solar lights that are in production for commercial applications such as streets, roadways, pedestrian walkways, etc. have a higher up front cost, but they will pay for themselves immediately when looking at the total costs on installation for new construction. These systems provide lighting for specific applications with different run time



settings. They also provide many days of stored power to provide continuous reliability, even during times of inclement weather.

Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

Solar Security Lighting Benefits



Each system is built for the type and wattage lamp that will be utilized for the specific application.

Lighting a multilane roadway will take much more power than lighting a small pathway. That makes the commercially manufactured solar lights more versatile to adapt from one job to the next. They range from small one LED fixture that runs along a home's driveway to powerful street lights that can illuminate a 150' area.

Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

Solar Security Lighting Benefits

Solar lighting also has many excellent qualities. It is a green alternative to traditional lighting, it is low cost and practically maintenance free, and there is no power bill associated with utilizing solar since the power is not coming from the grid. Solar is also low voltage which makes it much safer to install and operate. Finally, solar lighting is renewable and promotes sustainability; its only requirement is the sun for operation.



Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com

HAVE A SECURITY APPLICATION THAT NEEDS LIGHTING?

Contact Us Today!

One of our solar specialists would be happy to help you choose the best option for your security lighting needs and provide clean, renewable solar energy!

See How Solar Lighting Can Save You Money

OR

Check Out An Amazing Case Study

Share this eBook!



Guide to Security Lighting
www.sepco-solarlighting.com