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| The in-lite 12-volt system    | 14 |
|-------------------------------|----|
| LED outdoor lighting          | 20 |
| Design a garden with lighting | 26 |
| Installation                  | 36 |
|                               |    |

# **PRODUCT RANGE**

| Ground lights      | 42 |
|--------------------|----|
| Bollards           | 44 |
| Wall lights        | 46 |
| Outdoor spotlights | 48 |
|                    |    |
| Warranty           | 50 |

# OUR GUARANTEE TO YOU



# **HIGH-QUALITY DUTCH DESIGN**

We personally design all of our outdoor lights in order to offer you a cutting edge, high-quality product range.



# **ENERGY-EFFICIENT & DURABLE**

Our fixtures are fitted with high-quality LED light sources that are extremely energyefficient and long-lasting.



# SIMPLE & FLEXIBLE

in-lite lighting works on low voltage technology and is easy to install, modify and expand.



# **5-YEAR WARRANTY**

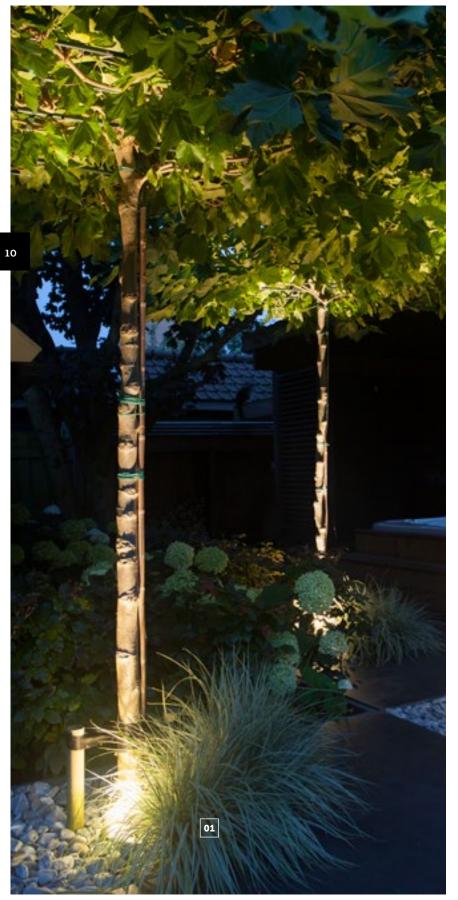
Our comprehensive 5-year warranty lets you enjoy your new lighting without a care.

# UNIQUE GREENERY

Greenery makes your yard, roof patio or deck even more attractive and inviting. Plants and trees bring your yard to life and should also be enjoyed after dark. Outdoor lighting gives your landscape the attention it deserves after dark and lets you turn your outdoor living space into an inviting retreat full of moving shadows and unique contrasts.

- 01 BIG NERO under weeping willow
- 02 MINI SCOPE under work of art
- 03 MINI SCOPE DUO among bamboo shoots





- 01 NERO
- 02 FLUX under bush
- 03 MINI SCOPE among pampas grass
- 04 BIG NERO under solitary tree
- 05 HYVE under bush
- 06 BIG SCOPE NARROW under columnar tree









01 - LIV LOW CORTEN

02 - MINI SCOPE among ornamental grass



**OUTDOOR SPOTLIGHT** 

SCOPE DUO

MINI

FLUX p. 10



**OUTDOOR SPOTLIGHT** MINI SCOPE p. 8/10/12

# BOLLARD LIV LOW CORTEN

Available in two heights for use between low or tall plants.

p. 12

**GROUND LIGHT** HYVE



GROUND LIGHT NERO

p. 10

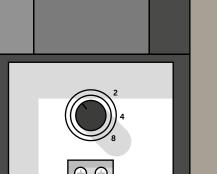
**GROUND LIGHT** 





## The transformer

The transformer controls the lighting using a light-sensitive sensor and, if desired, a timer. The transformer can be plugged into any electrical socket.



## xtures

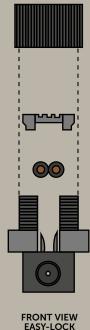
A cable with a miniconnector is attached to each fixture for connecting with the Easy-Lock system.

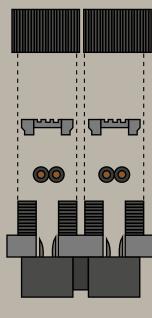


f you want to continue
he lighting beyond the
2-volt cable, you can use an
xtension cord and connect
t to the Easy-Lock.

# EASY-LOCK & AND CABLE CONNECTOR CC-2

The Easy-Lock and CC-2 cable connector can be connected with the flick of a wrist. A cable clamp is used to secure the cord in the connector. Twisting the cap places pressure on the contacts in the insulation material, creating a strong connection. The special gel in the connector protects the connection against moisture and other external factors. The composition of the cable ensures that it is not damaged. This also makes it easy to move the Easy-Lock and CC-2 and change your lighting plan at any time.





# FRONT VIEW CABLE CONNECTOR CC-2

# THE IN-LITE 12-VOLT SYSTEM

in-lite outdoor lighting is based on low voltage technology (12 volt). This means our lighting is safe and easy to install.

Would you like to know more about installing our lighting?
Then go to page 36 or go to in-lite.com/learning
for more information.

## \_.

The 12-volt cable is rolled out from the transformer and guided along the fixtures. It can end anywhere in the yard and does not have to form a closed system. A cap is slipped onto the

## The Easy-Lock

The Easy-Lock connects the fixtur to the 12-volt cable, enabling the fixture to function.

#### CC-2 cable connecto

The cable connectors make it possible to easily create one or more cable branches in order to guide the cable along the various fixtures.







# UNIQUE LIVING

Your outdoor space is part of your home. That is why illuminating your outer walls is a great starting point for illuminating your outdoor space. It brings the outside in and enhances the appearance of your property after dark.

01 - SCOPE

02 - NERO under an overhang

03 - NERO under pear tree

04 - ACE

05 - NERO







ACE UP-DOWN 100-230V

This fixture can be connected directly to a 100-230V power supply.

p. 18



**GROUND LIGHT** 

NERO

p. 16/17

OUTDOOR SPOTLIGHT

OUTDOOR SPOTLIGHT BIG SCOPE



LED lights are currently the most sustainable, durable and environmentally-friendly lights available. That is why more and more people are switching to LED lighting in their homes. But LED tecapology is also the most sustainable option for outdoor lighting. in-lite develops its own LED lighting in collaboration with leading manufacturers of high-quality LED tecapology. This ensures that our LED outdoor lights are of superior quality and a suitable fixture for every type of outdoor use. A look behind the scenes...

# IN-LITE OFFERS LED OUTDOOR LIGHTING FOR ALL LIGHTING NEEDS

### Sustainable and energy-efficient

What is it that makes LED so sustainable? First of all, LED light sources are highly energy-efficient.

Compared to a traditional light bulb, an LED light uses 80% less energy. LED light sources are also extremely long-lasting. Under normal conditions, an LED light will last up to ten times longer than, for example, a halogen light.

#### LED suitable for a wide range of uses

The sustainable properties of LED do not occur at the expense of the light output. With today's technology, LED is more than a worthy substitute for halogen lights and light bulbs. Since the early days of LED technology, in-lite has been developing outdoor lighting using this light source. We now offer a range of LED lights that are suitable for all types of uses. Whether you wish to illuminate a path with soft, diffuse light or accent a beautiful tall tree with bright, concentrated light, our lights let you illuminate your entire outdoor space.

## Natural light color

Our outdoor lights produce a warm and inviting light of around 3,000 Kelvin with a good color rendering. This means that the colors of your yard are reflected truly and naturally and easily recognizable. We have also designed our lights to provide a consistent light color throughout the life span of the light.

#### Solid construction

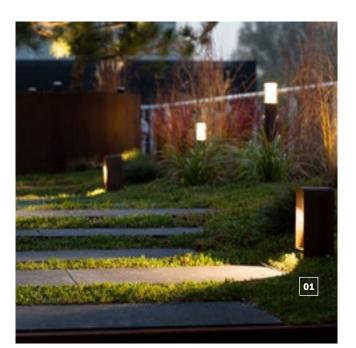
Since we design our lights based on the light source, we make the most of all of the advantages offered by LED technology. We also tailor the shape and use of materials to the specific requirements of this type of light source, especially since conditions outdoors can be extreme. This means a solid construction to protect the LEDs and electronics from moisture and other environmental hazards. We use materials like stainless steel, coated aluminum and high-quality plastics. And then there are the challenges of LED cooling. Even though LED lights are much more efficient than traditional light sources (they consume less energy and produce much less heat), proper cooling of LEDs is very important in connection with a long life span and light color. Our spotlights in particular, which generate a higher light output, have a design that takes this factor into account.

#### Guaranteed enjoyment

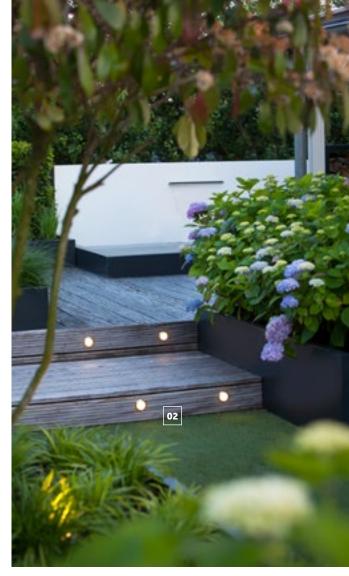
As you can see, the development of our LED lights is the result of extensive R&D work. We also test our products under a variety of scenarios. This ensures a quality product and no hesitation to offer a five-year warranty - your guarantee of many years of use and enjoyment of your in-lite LED outdoor lights!

# UNIQUELY SAFE

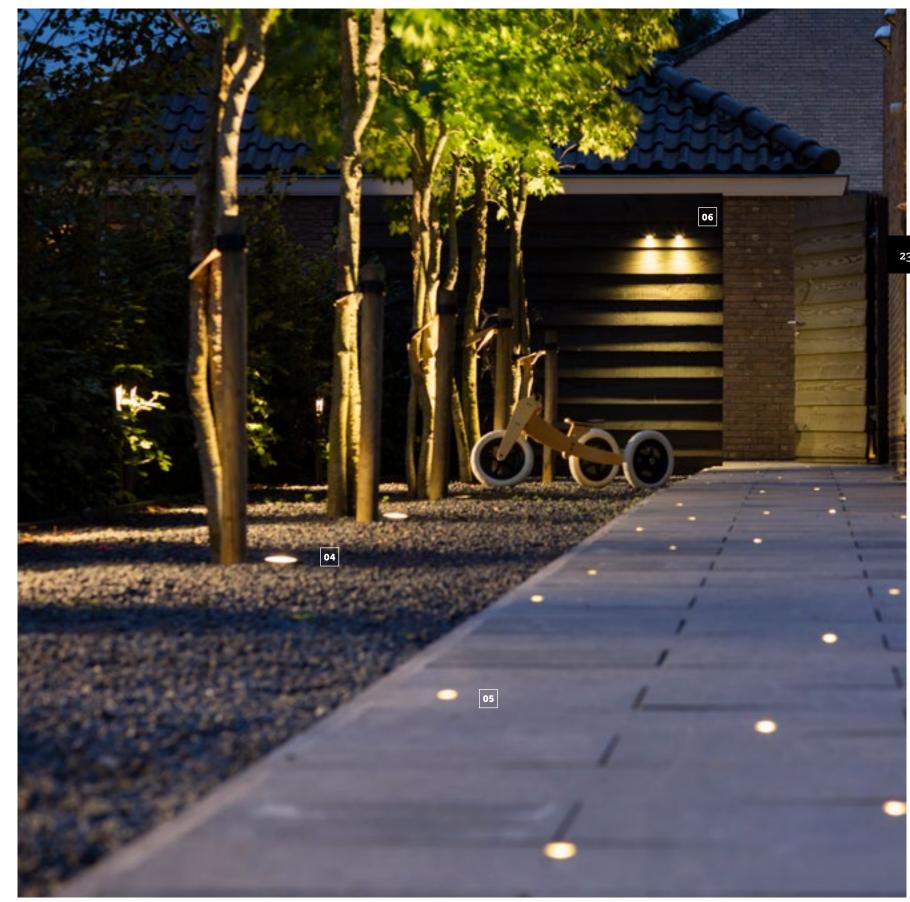
You also want to be able to find you way around your home and yard after dark. Proper lighting makes this possible. Get inspired and discover how to illuminate a path, stairs or entrance in an inviting, attractive and, above all, functional manner.



- **01 ACE CORTEN** next to a path
- $\boldsymbol{02}$   $\boldsymbol{HYVE}$  in the stairway
- 03 BLINK
- 04 NERO
- 05 HYVE 22 in a path
- 06 MINI SCOPE

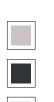








**GROUND LIGHT** HYVE + BOX 100







ACE UP-DOWN CORTEN 100-230V





OUTDOOR SPOTLIGHT MINI SCOPE p. 23



02 - SCOPE under olive tree





**GROUND LIGHT** 

NERO

HYVE 22 This is a driveover fixture.

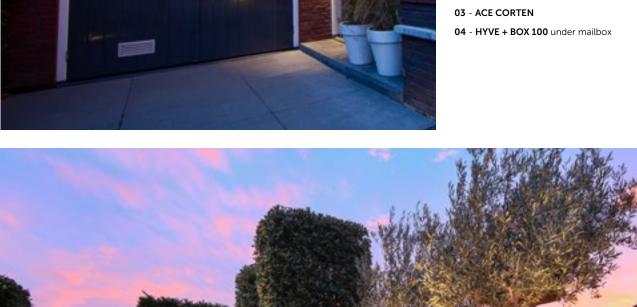
p. 23





**OUTDOOR SPOTLIGHT** 

p. 22











**GROUND LIGHT** 









p. 22/24



# DESIGNAGARDEN WITH LIGHTING Well illuminated gardens are based on effective designs. You can have a professional lighting plan created by a landscape architect or your in-lite dealer, or you can do it yourself. In just 5 steps, you can create a lighting plan that suits your garden and creates a well-balance atmosphere.

#### **STEP 1: THE DESIGN**

The design of your garden can serve as the perfect foundation for your lighting plan. If you do not have a design then it can be useful to draw the garden to scale in order to gain a better overview. Clearly mark the various elements in your garden, e.g. the patio, lawn, flower beds, pond, flowerpots and garden table.

# STEP 2: DECIDE WHAT YOU WANT TO ILLUMINATE

When creating a lighting plan, you should think about which garden elements you want to illuminate in the evening. For instance, it can be useful to illuminate the path to the door or patio. You can create nice shadows on fences or walls by illuminating plants. But also consider attractive corners or special shapes, which can be properly highlighted using light. Our brochure and website feature enough inspiration to help you when compiling your own lighting plan!

# STEP 3: CONSIDER WHAT KIND OF LIGHT YOU NEED

You must now determine the function of each element and what will be the most appropriate kind of light. For example, you want lights on your patio to look decorative, while lights used to illuminate trees must be of high intensity. There are four types of light: direct light,

indirect light, diffuse light and accent light. These light types have been shown in the diagram below. For each element in your lighting plan, you must draw light spots that correspond with the mentioned types of light.

# STEP 4: DETERMINE THE TYPE OF FIXTURE

For each element, examine what type of fixture you want to use. You have a generous range of options. For example, ground spotlights allow you to easily mark or illuminate something from the ground. But, for example, if you want to create decorative lighting for a border or driveway, an upright fixture will be your best option. Various types of wall lamps can be used to illuminate walls or fences. Direct the light downwards or opt for an architectonic appearance with an up and down light. Spotlights are multifunctional. They are easy to direct and can be inserted into a border or, for

# Getting started!

Time to get started with your own lighting plan! Our inspiration pages feature examples of the most commonly encountered garden elements and how you should illuminate them.

example, mounted on a pergola or canopy.

#### **STEP 5: SELECT THE FIXTURES**

The previous steps should allow you to easily select appropriate fixtures for your lighting plan. Each fixture in our range comes with an explanation about what kind of light is emitted and for which purposes it is suitable. You can also examine the technical details of fixtures, such as light distribution and light angle. Of course, the appearance of fixtures also plays a

role. Do you prefer squared edges or rounded contours? And which materials and colors appeal to you? Fixtures are available in stainless steel or aluminium, with finishes in dark grey, warm silver, white or Corten. To make it easy for you, product series are available with different types of fixtures in the same design.

## **LIGHT TYPES**

### Direct light

The light source shines directly on intended surfaces, like fences, driveways or façades. Fixtures with direct light show fine details and create clearly defined shadows.

#### Indirect light

The light reflects against intended surfaces, like walls. Fixtures with indirect light make spaces look larger and create a pleasant atmosphere.

#### Diffuse light

Well-distributed and decorative light. Fixtures with diffuse light provide uniform light distribution and soft shadows.

### Accent light

Concentrated light with high intensity. Fixtures with accent light are suitable for illuminating trees and other objects.



# MORE THAN JUST A BRAND

in-lite is more than just an outdoor lighting brand; we are a company with a mission. Each and every day, a team of enthusiastic professionals does its best to make the outdoors exceptional. We achieve this by developing quality outdoor lights, but above all by inspiring consumers as much as possible and showing them that lighting fits perfectly in any outdoor space.

But we do not accomplish this alone. Our products are sold by dealers and distributors in various countries throughout Europe and North America and are installed by professionals (landscapers) as well as end-consumers. If you want to find a dealer near you, please visit **in-lite.com/dealers**.

# **IN-LITE SOCIAL.**

At in-lite, our goal is to offer you creative inspiration and keep you informed of new products and changing tecapologies. That is why we have always been early adopters of social media. From Facebook to YouTube, Houzz to Instagram, we are there to inspire you, motivate you, and give you the exposure you deserve! We always welcome photo submissions and encourage you to tag us in your work for a chance to be featured across our channels.









# UNIQUELY INVITING

The outdoors are perfect for relaxing and enjoying good company and good food. Outdoor spaces with a pleasant deck, inviting lounge corner or attractive overhang are designed for enjoyment. They make your backyard a pleasant place to spend time and, with the right lighting, you can enjoy this space all year long.

01 - MINI SCOPE among bamboo shoots

02 - FLUX

04 - MINI SCOPE



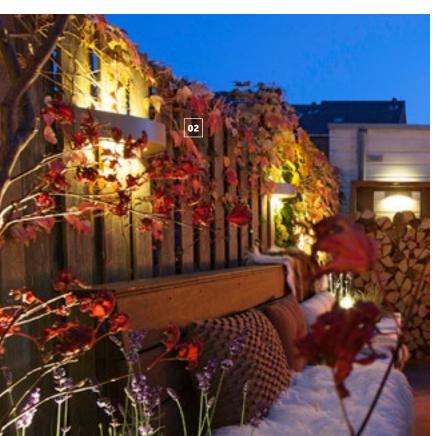


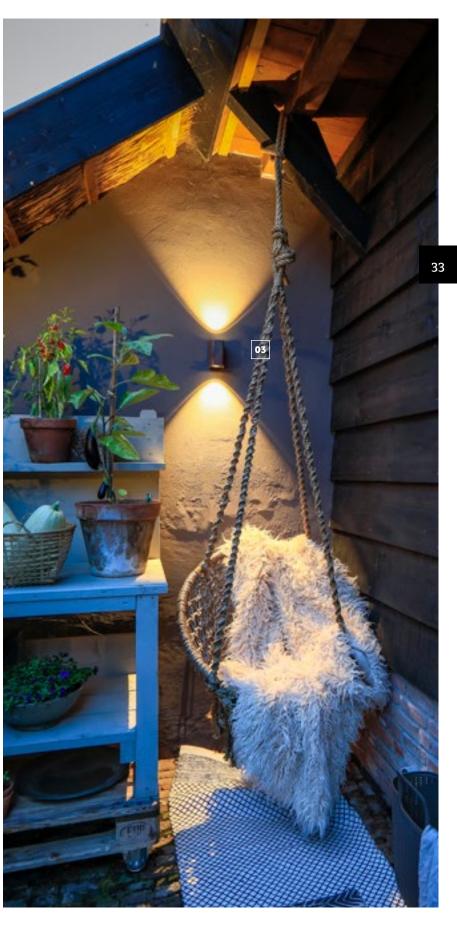




02 - CURV

03 - ACE UP-DOWN CORTEN









**GROUND LIGHT** FLUX p. 30

**GROUND LIGHT** FUSION 22 RVS p. 34

**OUTDOOR SPOTLIGHT** MINI SCOPE MINI SCOPE is perfect for integrating into overhangs and pergolas.

p. 30



02 - DB-LED (WW) among ornamental

03 - FUSION and FUSION 22 RVS



WALL LIGHT

p. 33

WALL LIGHT WEDGE p. 34



WALL LIGHT

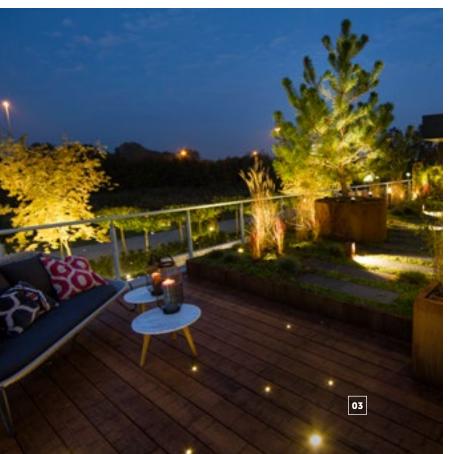
p. 33



Separate lenses are available for this fixture, which means other lighting effects can easily be created.



**GROUND LIGHT** DB-LED  $(\bigvee\bigvee\bigvee)$ p. 34





# INSTALLATION

If you want to install your in-lite lighting personally, we have put together a few important tips for you. Our website also contains several helpful instruction videos to assist you during installation.

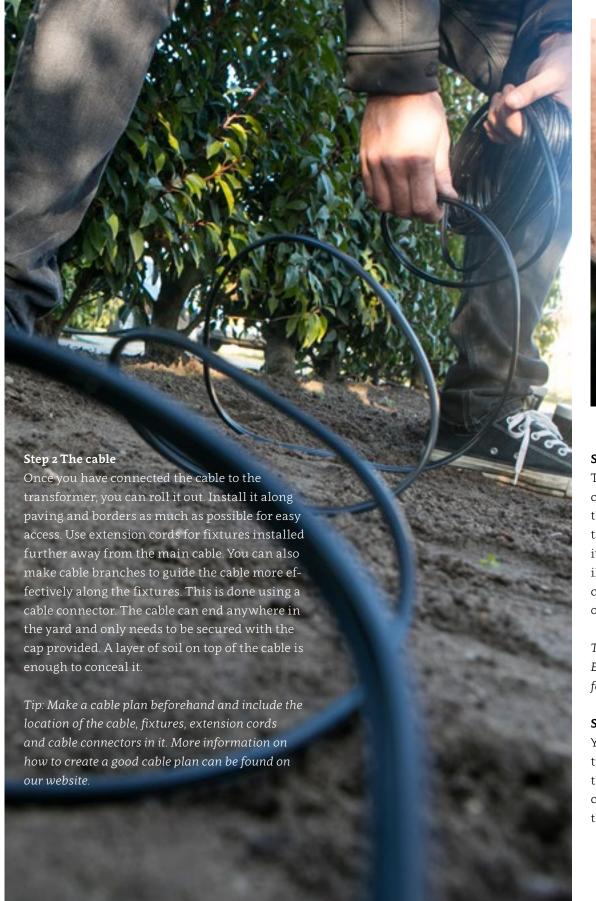


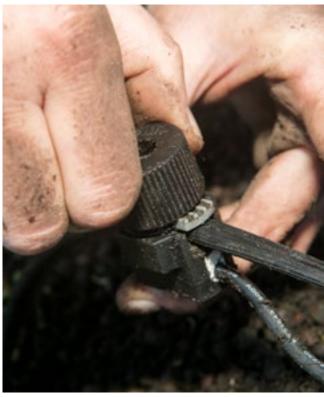


### Step 1 The transformer

The first step is to install the transformer around 50 cm above the ground in a fence or post in your yard. The light sensor is installed on the outside, since this causes the lighting to switch on at dusk. Make sure that the light sensor is not placed closed to artificial lighting because the sensor will react to it. The cable lugs provided are used to connect the cable to the transformer. These ensure good electrical conduction and protect the transformer from damage.

Tip: Want to save energy? Do not leave the lighting switched on all night long ('dusk to dawn' setting), but set the number of hours that the lighting is on after sunset ('on hours' setting).







## Step 3 The Easy-Lock

The Easy-Lock is used to connect the fixture to the cable. The duct is clamped onto the cable, inserted into the Easy-Lock and secured with the cap. It is important that the Easy-Lock is attached properly because it ensures good electrical conduction and optimal illumination of your light. The special gel provides the connection with extra protection against moisture and other external factors.

Tip: If you decide to move the light to another location, the Easy-Lock can be easily detached and connected to a different section of the cable – without damaging the cable!

## Step 4 The mini-connector

You then attach the mini-connector to connect the fixture using the Easy-Lock. The soft PVC casing protects the connection from moisture and dirt. The miniconnector also lets you easily pull the fixture cable through a hole in a tile or wall.

Tip: To install a fixture further away from the cable, use an extension cord between the mini-connector on the Easy-Lock and the fixture.

### Step 5 The fixture

Finally, install the fixture at the desired location. Always follow the instructions in the manual, which can be found on our website. If you want to install ground lights in your deck, keep in mind that you will probably have to drill holes in the tiles or boards. It is important that this be done properly because a hole that is not drilled perfectly round can cause installation problems. A dealer or landscaper can take care of this for you, as they have the right tools. If you would prefer to do it yourself, visit our Learning Center in-lite.com/learning and watch our drilling videos.

(%) All tips and videos can be found at in-lite.com/learning

# STEP-BY-STEP OUTDOOR LIGHTING

Our system offers ultimate flexibility. Want to start with a few lights and add more later? No problem! Have you seen the new collection and want to update the lighting in your yard? Our system lets you easily adapt and expand the lighting in your yard.

Anne had already determined which yard elements she wanted to illuminate. She then connected lighting fixtures in her backyard one by one. She started with a few outdoor spotlights and a wall light to highlight the ornamental apple trees and garden house. The next

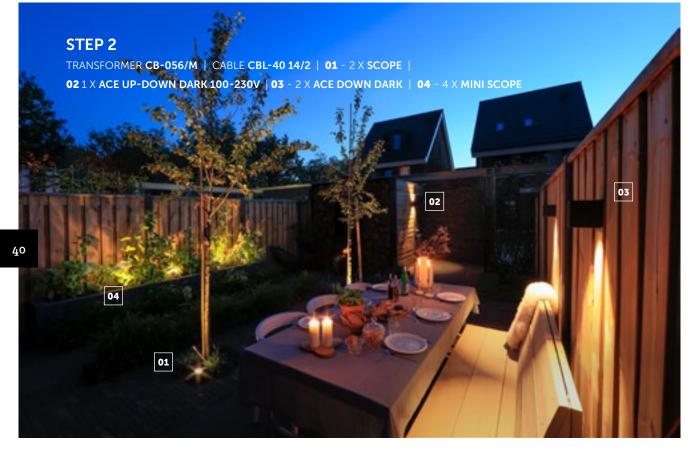
element to be illuminated was her favorite part of

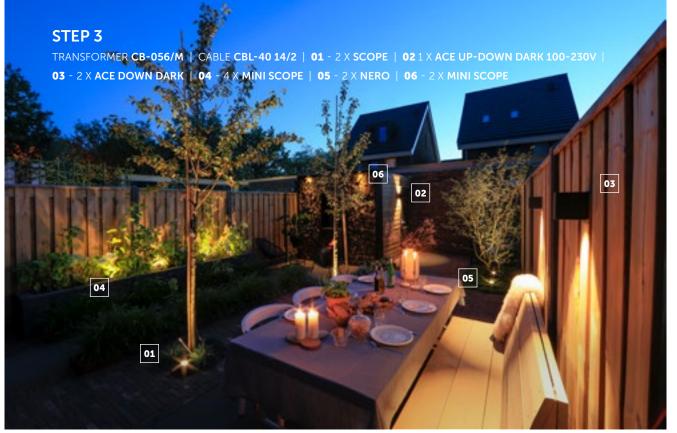
Here she installed ACE wall lights on the fence. "This light produces a wonderful beam of light that does not shine directly into your eyes and I really like the cool dark design," says Anne.

She has also installed NERO ground lights and MINI SCOPE outdoor spotlights to accent the juneberry tree and hydrangeas. Anne explains, "The lighting really brings out the character of the plants." And, last but not s the crowning final touch, Anne placed a number of upright lights in the ornamental grass. Anne ts, "The ambiance that the outdoor lighting lets us enjoy the appearance of our yard even ach day and, not only that, but also see each other, which I personally enjoy."



STEP 1







# RANGE

# GROUND LIGHT

Ground lights can be buried in pavement, wood, gravel and softscape. They disappear into the landscape during the day, while producing a unique light effect after dark. We offer a complete range of fixtures that open the door to an endless number of possibilities. A few examples...

HYVE + BOX 100





FLUX



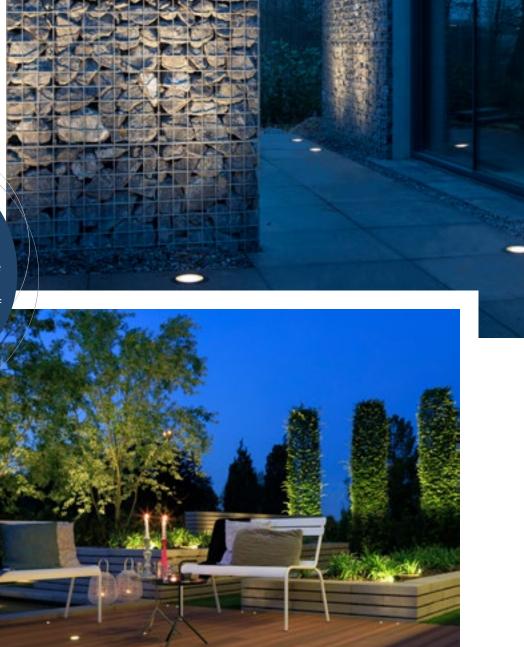
Want to illuminate a bush or wall from the ground? Use the **FLUX** fixture, which produces accent lighting with a range of around 10 feet.

FUSION + PLATE 75

## **LED GROUND LIGHTS**

Our LED ground lights FUSION and HYVE are fitted with special lenses to yield a diffuse light that does not produce glare. The soft glow of FUSION makes it perfect for use on decks and in other outdoor elements. If you are interested in a slightly higher light output for a driveway, for example, HYVE is the right solution. Both fixtures are available in different models:

regular 60 mm (2 3/8") model with stainless steel ring and the smaller 22 mm (7/8") version with or without a stainless steel ring. If you are interested in a more targeted light output, a rectangular stainless steel cover plate and a special square box are available (BOX 100) for the 60 mm (2 3/8") version. BOX 100 is also perfect for use between paving stones or on loose surfaces.





# THE BIG BOYS

You can also accent trees with ground lights. The robust NERO and BIG NERO ground lights can be easily inserted into the ground for illuminating large trees or walls from below. NERO has a light distribution of around 17 feet, while BIG NERO can reach around 33 feet. The use of several ground lights to evenly illuminate the crown of the tree produces an optimal effect. Please note that special installation instructions apply for BIG NERO.

## **ADJUSTABLE LIGHT**

In some situations, it may be best to use a ground light with an adjustable light source, such as FISH EYE 100x100, SENTINA 150x150 or BIG NERO. These lights are perfect for illuminating climbing plants, bushes, fences and outer walls. For the best effect, consider the height of the element to be illuminated and the light distribution this requires when choosing a fixture.



# BOLLARDS

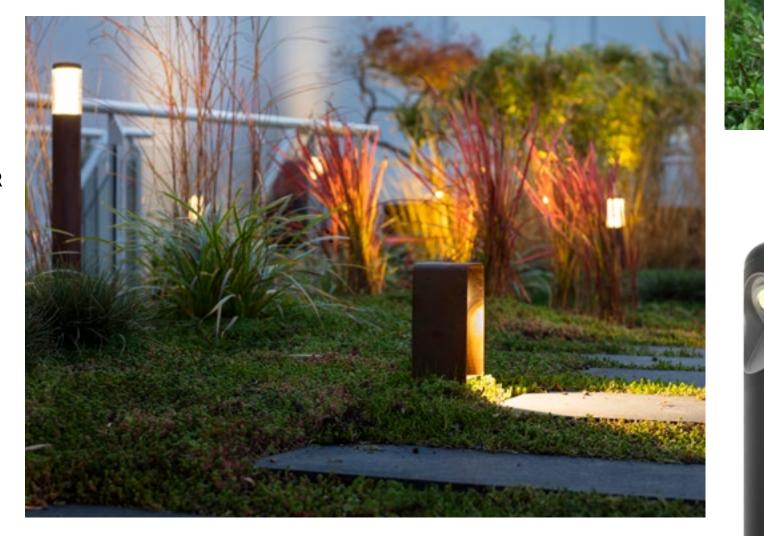
The bollards in our range can be used to create ambiance on a deck, along a path or driveway or in a border. An upright light can be easily inserted into the soil or mounted onto a hard surface.

.

LIV LOW DARK

# ATTRACTIVE BORDER

Borders can be attractively illuminated with fixtures that produce a pleasant diffuse light. The upright lights from our LIV series are perfect for this. LIV LOW is designed for borders with low edging and LIV for those with higher plants. A combination of high and low fixtures is always a good option as well!





Want to illuminate a pathway or driveway with upright lights? Choose fixtures that produce direct light, such as SENTINA or ACE, which create clear lines and shadows on the surface. This not only produces an attractive effect, but is also functional in that it illuminates your path or driveway. ACE lights also come with an adjustable light source, making this fixture highly versatile for use in numerous situations.



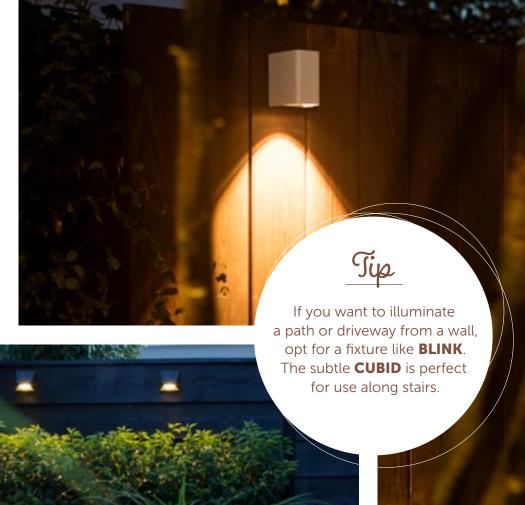
ACE CORTEN

Producing a corten steel finish is a time-consuming and complicated process. The first step is to cover the aluminum casing with a metal coating. After the coating has hardened, the surface is treated to bring the metal particles to the surface. The fixtures are then placed in an acid bath to corrode the metal. Finally, the metal is post-treated so that the casing no longer produces metal particles and can be used directly in a yard.

# **RANGE**

# WALL LIGHTS

Our range of products includes a wide selection of wall lights. These can be used in a variety of ways, such as alongside French doors or repeatedly along a fence. For use next to a front door, for example, a number of our wall lights can also be connected to the power supply (100-230V).





**CUBID WHITE** 

## **NEXT TO THE DOOR**

You can also 'simply' place a wall light next to your front door. If there is already a light source here, choose a 100-230V fixture like the ACE UP-DOWN 100-230V. This fixture produces an attractive angled light with straight lines both upwards and downwards. The ACE collection also includes 12V upright and wall lights, letting you create a comprehensive light plan for garden and home.



SHUTTER 2



**ACE UP-DOWN 100-230V** 

CURV

# ILLUMINATE YOUR YARD WALL





MINI SCOPE

## PERGOLA OR OVERHANG

Pergolas and overhangs can also be illuminated attractively with wall lights. A common model is ACE DOWN, which lets you create an attractive direct soft light aimed at a post or wall. The white version is perfect for creating a sleek, contemporary look. The SHUTTER (available separately)

lets you determine the exact width of the light beam. Prefer a more subtle fixture? Choose the MINI SCOPE small spotlight. With its adjustable wall bracket, it can be easily installed in the corners of your pergola or overhang and directed towards your lounge area, for example.



# RANGE

# OUTDOOR SPOTLIGHTS

The LED outdoor spotlights in our product range are perfect for illuminating unique elements in the yard, such as statues, trees or bushes. You can easily insert our outdoor spotlights into the soil or use a ground plate to mount them onto a hard surface. For illuminating water elements, we have added a special underwater spotlight to the range.

## **DIVERSITY IS A NECESSITY**

Our SCOPE collection lets you illuminate both large and small objects in your yard. The difference between the spotlights lies in the angle and distribution of the light beam, as shown in the table below. You can select the spotlight that best suits your situation,

based on the height and width of the element to be illuminated. With larger trees, a particularly attractive effect can be achieved by placing several spotlights around them. Three spotlights, for example, can evenly illuminate the crown of the tree.





# SCOPE ACCESSORIES

All SCOPE spotlights are easy to direct and insert in the ground using the ground stake provided. A separate cap (SHIELD) is available for MINI SCOPE that shields the light on one side to prevent glare. The SCOPE BASE PLATE can be used to install the SCOPE or BIG SCOPE onto a harder surface. And the RISER 350 adapter raises the height of your spotlight so that the light beam is not blocked by any tall plants in front of the object to be illuminated.







SCODE BASE DI ATE



DICED 7

## UNDERWATER

A special underwater spotlight has been developed for illuminating ponds, fountains and other water elements. SUB produces a diffuse light that creates an enchanting effect. This spotlight has a weighted base plate and can also be used above water!

Fact: SUB has an extra long connecting cable of around 16.5 feet so that the mini-connector can be placed outside the water.





# 5 YEAR IN-LITE WARRANTY

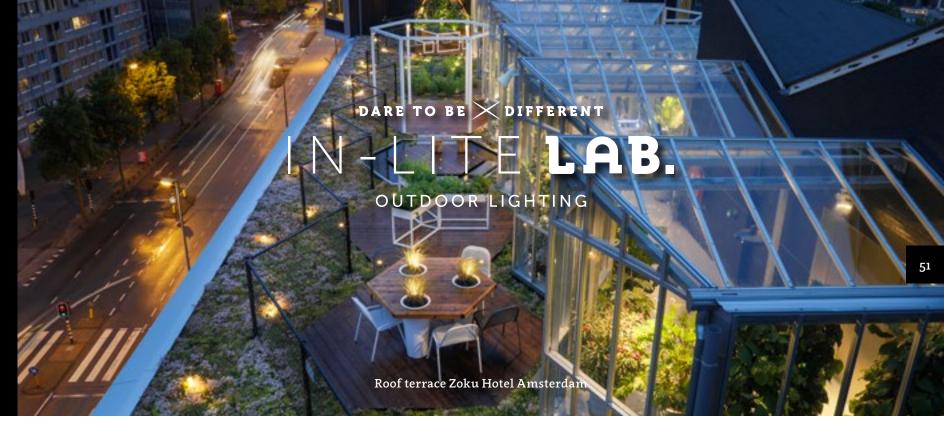
in-lite pays great attention to the tecaical design of all its fixtures. That is why we can offer a five-year warranty on our fixtures and transformers.

Should something go wrong, you can contact the landscape contractor or dealer where you bought the product, and make use of the warranty. Your receipt or invoice will be your proof of purchase, so keep it in a safe place! If it is not possible to repair the product, you will always be given a replacement within the warranty period. If the required model is no longer

available, then we will offer you an appropriate alternative.

To keep your outdoor lights in good condition, you should, in the same way as the rest of your garden, perform regular maintenance. For simple maintenance tips, please visit **in-lite.com/maintenance**.

We advise you not to combine in-lite lighting with cables or transformers by other manufacturers; this will cause your warranty to be null and void.



# INNOVATION DISTINGUISHES BETWEEN A LEADER AND A FOLLOWER

#### in-lite lab.

At in-lite, our goal is to inspire you to the max and inform you as best as possible. This includes great product combinations and lighting effects tailored to the most unusual of places and in the hippest cities, both in the Netherlands and abroad. The in-lite lab finds such places, illuminates them and shows them to the world. This gives you and the rest of the world a good idea about the countless possibilities of in-lite lighting and inspiration you can use in your own backyard.

#### Dare to be different

The in-lite lab. is always on the lookout for unique outdoor spaces and projects to illuminate in a creative way. Unusual rooftop gardens, decks and hotel gardens all fall in the category of outdoor spaces where the in-lite lab is eager to sink its teeth into. These spaces

are larger than average and with different needs. This means that they require a different approach to illumination. At the in-lite lab, we dare to be different and always seek out the right solution for every situation.

#### Contact

Do you own a unique outdoor space, such as a hotel (rooftop) garden or restaurant deck, and would like a creative lighting solution based on a personal approach, one that includes fixtures tailored to your specific preferences? If so, do not hesitate to contact the in-lite lab.

### **IN-LITELAB.COM**

O INSTAGRAM.COM/INLITELAB





# evo-lu-tion

(the; v; plural: evolutions)

1. gradual development or growth

**AVAILABLE IN FALL 2017**