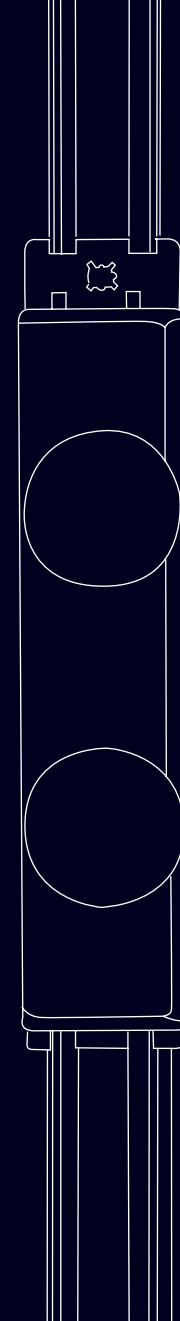# SIGNAGE LIGHTING FACTORY DIGITAL

AT A GLANCE
Brochure 2020

LEDIT YAKI

What drives us everyday

We continue to grow and expand in number of regional and international projects, in number of partners/clients, and in number of LED solutions.

In this *At a Glance* document we illustrate our most-demanded or best-seller products for Signage. We also use the opportunity to introduce the latest new products, such as 24V high-efficiency systems based on 150 lm/W dies and Solar LED solutions.

Our portfolio is so large and includes so many product types we cannot include them all in this document, so please consult with us for more products for Signage, Outdoor Lighting, Indoor Lighting or Displays. Whatever LED solution you need, we either have it already or can develop it.

You and your customers remain the focus of our short-term and long-term strategy. Inspired by your needs and supported by the confidence of our proven track record, in 2020 we will be extending our commercial offer in new manners to help you improve yours and satisfy new customers and projects.

Our warranty

WARRANTY

With our deep-knowledge and our passion to raise standards and offer the best, we were pioneers to launch a real 7 years Warranty for our modules and drivers.

7 **YEARS**
70.000hrs
L70

LIFETIME

The true meaning of a long warranty period is that the product will perform, for many years to come, in the real market application it is designed for. We launched the first solution with 70.000 hrs real lifetime at max. operating temp. (70°C)

7 YEARS
70.000hrs
L70

LUMEN MAINTENANCE

Customers are concerned with the brightness and color change of the LED after many thousands of hrs. This is indicated by the lumen maintenance. L70 means the light depreciation when the lifetime period ends will be less than 30%.

7 YEARS
70.000hrs
L70
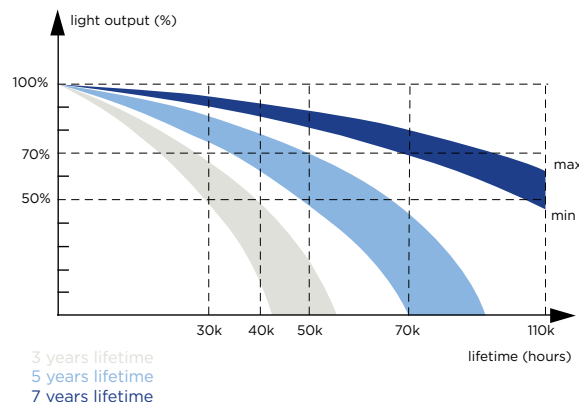
Traditional light sources lifetime is the hrs when 50% of the test units have burned out. LEDs do not fail by burning out, but will slowly reduce their light output over time. LEDs can sometimes operate even after 100.000 hours use, but emitting very little useful light.

The lifetime of a LED module or luminaire depend on a number of factors, including:

- Quality and type of LED chip

- Other material's quality

- How hard the LEDs are driven

- How smart is the design of the LED module, flex tape or luminaire

- Quality of Converter used to operate it

- Application and environment in which the product is operated

LEDIT YAKI pays careful attention on these and other parameters to ensure long lifetime with high lumen maintenance. LED modules are shown as L70, L80 or L90. The L value describes the minimum Lumen Maintenance kept at the end of lifetime --the percentage of the initial intensity kept after product has reached the end of its lifetime.

This high lifetime with high lumen maintenance means that your project will shine brightly from beginning to end!

light output (%)

100%

70%   max

50%   min

30k 40k 50k   70k   110k

lifetime (hours)

3 years lifetime
5 years lifetime
7 years lifetime

Backlit range

« Nobody's got your back like OptiKa® HL 777.
No matter what size module you need. »

We offer you LED modules with superior reliability and efficiency, proven around the world for years... in the widest portfolio of brightness and types of White CCT and colors. Smart design and top-quality components deliver 70.000 hrs of quality light.

... presenting our OptiKa® 777

|	
1	**Frosted PC lens** Durable uniformity
2	**MacAdams 3** Top color-consistency
3	**Separated cables into shielded chambers**
4	**Moisture-repellent** Added protection
5	**Max operating Ta 70°C**
6	**IC** - all LEDs same light output
7	**Smart packaging, fully recyclable**

OptiKa® HL 35, 70, 90, 100 & 180

The latest gen of OptiKa:
a result of continuous
improvement to go to the
extra mile giving it all.

WW NW WDL OW WS R G B
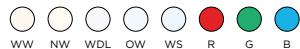
» Uniform from 50 to 200mm depth
» 35, 70, 90, 100 or 180 lm/module
» 160° PC lens very thin modules
» Up to 113 lm/W
» With regulator
» IP67 and UV rated
» Up to 50 modules/chain
» Full spectrum
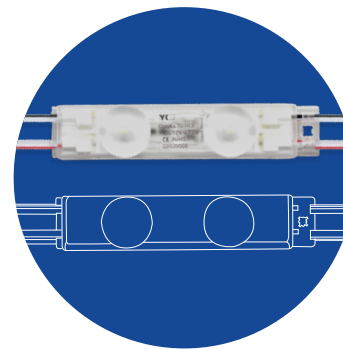
7 YEARS
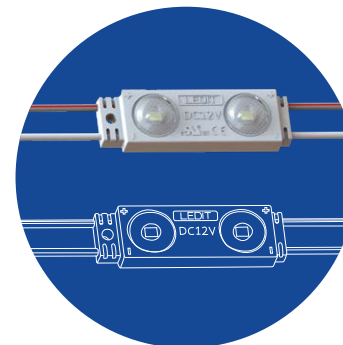70.000hrs
L70

OptiKa® HE 150

Top energy-efficiency LEDs
to save on nº of modules and
drivers, labor and energy.

WW NW WDL OW

» Uniform from 80 to 200mm depth
» 150 lm/module
» 170° IRISLENS®
» With regulator
» Up to 150 lm/W
» IP66 and UV rated
» Up to 40 modules/chain
» Full spectrum

5 YEARS
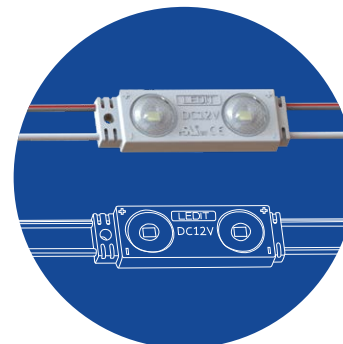50.000hrs
L70

OptiKa® HF 60, 120 & 180

Top value and Premium
Optics LED modules that
magnify your bottom line.

WW NW WDL OW

» Uniform from 70 to 230mm depth
» 60, 120 or 180 lm/module
» 170° IRISLENS®
» With regulator
» Up to 120 lm/W
» IP66 and UV rated
» Up to 100 modules/chain

5 YEARS
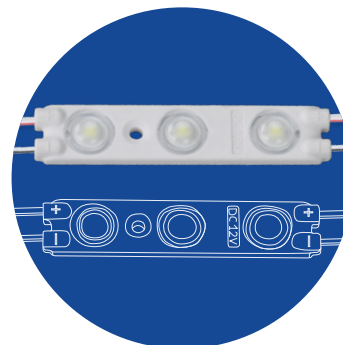50.000hrs
L50

EcoLED

Our most economic LED
module, reduced price and
lifetime, yet reliable.

WDL OW UW

» Uniform from 60 to 180mm depth
» 70 or 120 lm/module
» 160° Optics
» Up to 97 lm/W
» IP65
» Up to 20 modules/chain

2 YEARS
30.000hrs
L50

When you want to go SMALL

« When making very small letters, the details mark a big difference. »

We offer you several quality options to illuminate BlockLED letters and very small signs. Performance with up to 7 years Warranty. Powerfully small.

BlockLED applications require small modules with special optics and a robust design for outdoors.

Color consistency is critical, and the optics must not produce ugly yellow rings.

Consult with us which solution we recommend to meet your needs.

1   Tiny size fits everywhere

2   Special asymmetrical optics for small size app

3   Regulated module for long life

4   Separated cables

5   IP67. Warranty: 5 years

... our new NanOptiKa® HF1 30

OptiKa® HL1 10, 20 & 30

Size matters! When you need a very small module with bright performance, optics and reliability. Very popular in backlit signs ≥30 mm depth and 30 mm solid BlockLED.
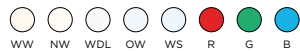
» Uniform from 30 to 80 mm
» 10, 20 or 30 lm/module
» 150° IRISLENS®
» With regulator
» Up to 113 lm/W
» Module size 25 x 9 mm
» IP67 and UV rated
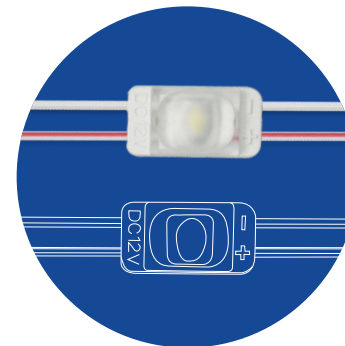» 100 modules/chain

WW NW WDL OW WS R G B
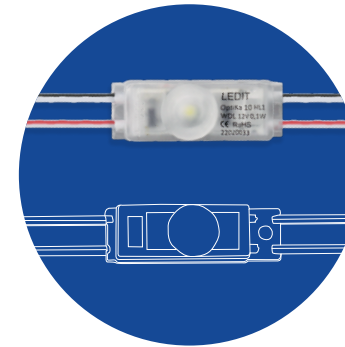
7 YEARS
70.000hrs
L70

NanOptiKa® HF1 30

Powerfully bright and cleverly small with special optics. IC integrated in every module for long life and stable light.

» Uniform from 30 to 80 mm
» 30 lm/module
» Special 130*170° IRISLENS®
» IC regulator
» Up to 98 lm/W
» Module size 16 x 8,5 mm
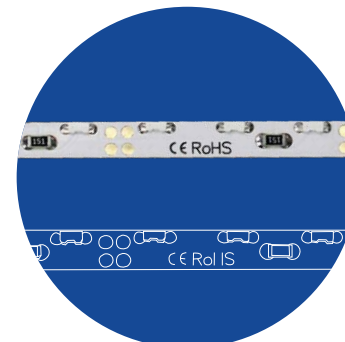» IP67 and UV rated
» 50 modules/chain

NW WDL OW WS R G B

5 YEARS
50.000hrs
L50

Flexstrip Sideview

Twist and go into solid Acrylic letters to deliver uniformity and a beautiful effect.

» Up to 650 lm/meter
» 96 LEDs/meter
» PCB or SLEEVE version
» IC or not IC version
» CRI up to 70

WW NW WDL WS R A G B
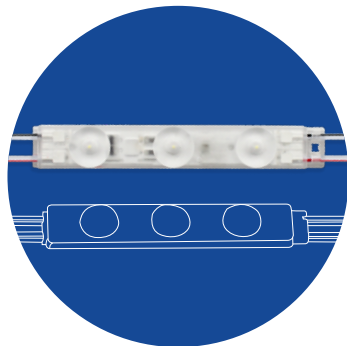
3 YEARS
50.000hrs
L50

When you want to go BIG

« Drastically reduce the number of modules while increasing brightness. Very high-efficiency modules (130 lm/W) with LEDs in one side for backlighting, or in both sides to fix them in the middle of double-sided applications. »

OptiKa® 270 HL3

High-brightness in a small module for single-face large installations.

- » Uniform from 120 to 270 mm
- » 280 lm/module
- » 160° IRISLENS®
- » Up to 130 lm/W
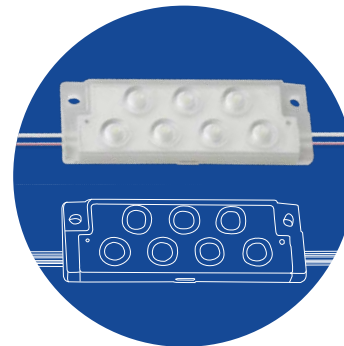- » With IC regulator
- » IP67 and UV rated
- » 20 modules/chain

WW   NW   WDL

5 YEARS 50.000hrs L70

OptiKa® 500 HL7

Ideal for single-face very large signs or surfaces requiring high brightness.

- » Uniform from 120 to 300 mm
- » 455 lm/module
- » 170° IRISLENS®
- » Up to 130 lm/W
- » With IC regulator
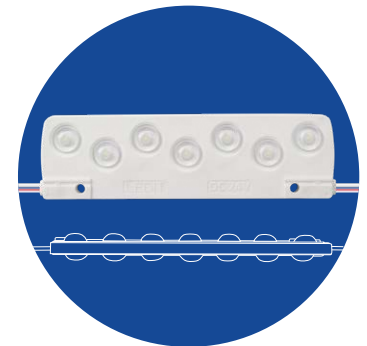- » IP68 and UV rated
- » 30 modules/chain

WW   NW   WDL

7 YEARS 70.000hrs L70

OptiKa® 900 DS

Double-sided modules to use in the center of double-face boxes or totems.

- » Uniform from 240 to 500 mm
- » 850 lm/module (425 per side)
- » 170° IRISLENS®
- » Up to 122 lm/W
- » With IC regulator
- » IP66 and UV rated
- » 20 modules/chain

WW   NW   WDL

5 YEARS 50.000hrs L70

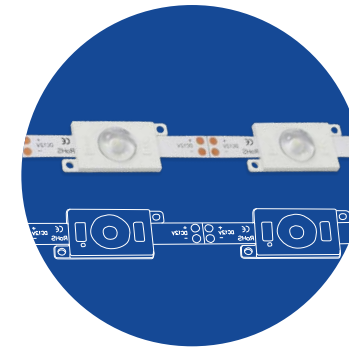4 Mod / m2

When you want to go THIN

« BakBox® makes possible and brilliantly-uniform very thin lightboxes using fabric or PMMA. »

BakBox® Strip 30 & 60

The flexible strip with optics designed for easy installation in very bright and slim boxes.

» Uniform from 35 to 60 mm depth
» 30 or 60 lm/module
» 97 lm/W
» 170° optics for ultra slim applications
» Up to 60 modules

NW WDL OW
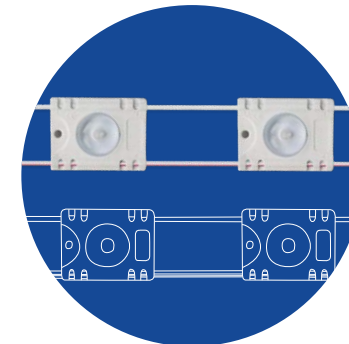
5 YEARS
50.000hrs
L70

BakBox® Module 30 & 60

The outdoor solution for lightboxes of >35mm depth.

» Uniform from 35 to 70mm depth
» 30 or 60 lm/module
» 110 lm/W
» IP65 design
» 170° IRISLENS optics
» 50 modules/chain

WW NW WDL OW

5 YEARS
50.000hrs
L70

When you want to be EDGE

« ModulBox® is our wide range of solutions to illuminate from the edge. »

The comprehensive range of Side or Perimetral solutions that provide you uniformity from edge to edge, absolute ease of installation and maintenance, superior energy-savings, and the exact light intensity and color you need for a vibrant image.
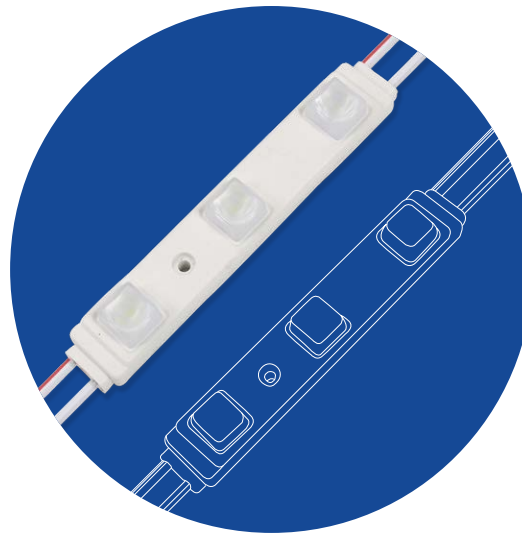
ModulBox® Mini 220

MINI is the solution for smaller boxes to be uniformly bright from 60 mm depth. The most energy-efficient of the family.

» Uniform from 60 to 120 mm depth
» 215 lm version
» 20 x 40° Optics
» Up to 120 lm/W
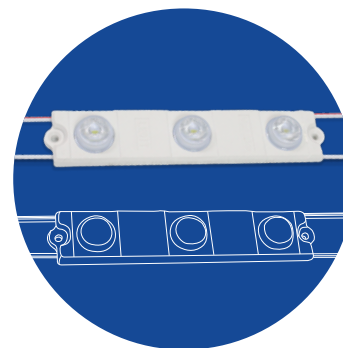» IP67 and UV rated
» 25 modules/chain

7 YEARS
70.000hrs
L70

WW   NW   WDL

ModulBox® Pro 300 & 450

Choose the optics, the intensity and the white color temperature that brings up your light-box to real life.

WW   NW   WDL

- » Uniform from 120 to 250 mm
- » 335 or 465 lm/ module
- » 10 x 40° or 30 x 60° Optics
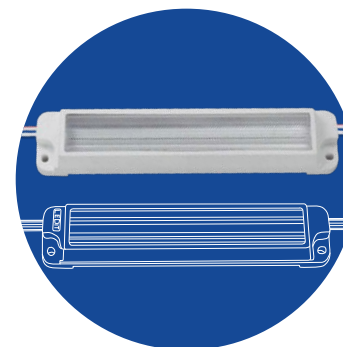- » 112 lm/W
- » IP67 and UV rated
- » 10 modules/chain

7 YEARS
70.000hrs
L70

ModulBox® Linear 700

The newest in edge-solutions! This very unique optic (11x77º) really brings the light to the center of double-sided 1.8 mtr width light boxes.

WW   NW   WDL

- » Uniform from 120 to 250 mm
- » 700 lm/ module
- » 11 x 77° Optics
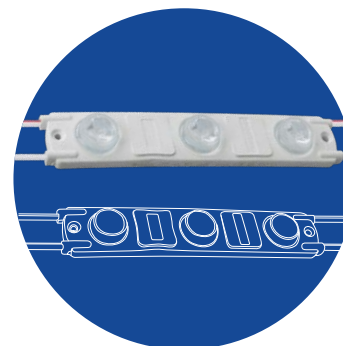- » 97 lm/W
- » IP67 and UV rated
- » 16 modules/chain

7 YEARS
70.000hrs
L70

ModulBox® Classic

Very cost-effective simple edge-solution for basic double-sided boxes or wall-washing effect.

WW   NW   WDL

- » Uniform from 120 to 250 mm
- » 400 lm/ module
- » 10 x 40° and 30 x 60° Optics
- » 102 lm/W
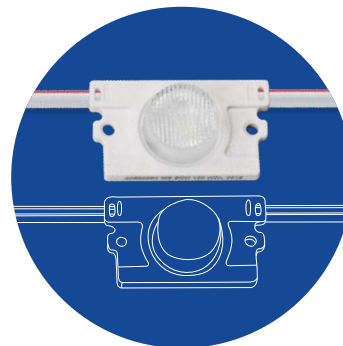- » IP67 and UV rated
- » 10 modules/chain

5 YEARS
50.000hrs
L50

ModulBox® Mono 130 & 190

Special shaped boxes, or price-sensitive projects, favor this individual side-emitting LED module.

WDL   OW

- » Uniform from 80 to 150 mm depth
- » 130 or 190 lm/module
- » 18x50° or 12x56° Optics
- » Up to 95 lm/W
- » IP66 and UV rated
- » Up to 30 modules/chain

5 YEARS
50.000hrs
L50

MiNeon® effect

« Your logos and signs in neon effect with LED technology: brilliant, efficient and safe. »

With our FLEXSHINE® and MiNeon® range you can have a brilliant and remarkable neon effect with total safety, flexibility and freedom of design. Use it indoor and outdoor thanks to its robust design and anti-UV special treatment.

Many colors and RGB, and different top shapes and dimensions, give you infinite possibilities to make logos, names, and signs that are pieces of art.

We can help you manufacturing the finished object or provide you the LEDs, accessories and recommendations for your own careful production of classy but modern signs that shine bright and spotless.

MiNeon® F3, F6, D6

The thinnest solution for your LED neon replacement: mini size, maximum safety and performance.

- » 3 or 6mm diameter
- » Flat or Dome top
- » Cuttable every 8mm
- » IP67 design
- » Minimum bending diameter: 25 mm

WW NW WDL R G B RGB

3 YEARS 30.000hrs L50
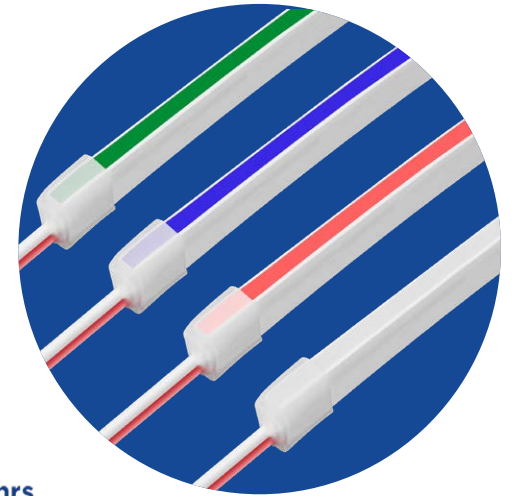
FLEXSHINE®

Contour with purely brilliant LED neon replacement.

- » 12mm diameter
- » Flat or Dome top
- » Cuttable every 50mm
- » Minimum bending diameter: 50 mm
- » Dimmable

WW NW WDL WS R G B Y RGB

5 YEARS 30.000hrs L70

Power with Quality!

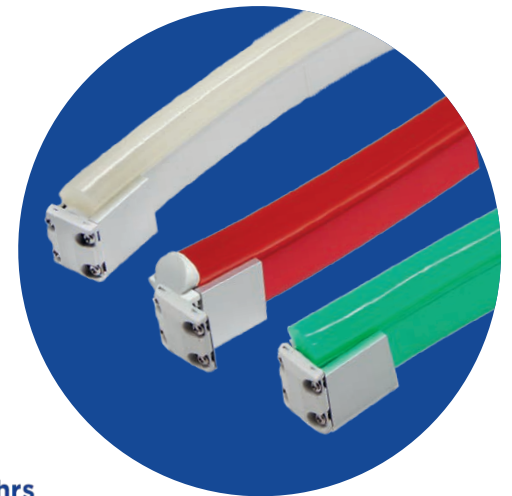Realize the full potential of your installation with OCV Range.

Power with quality is vital to obtain the optimum performance and top-efficiency of your LED job. The LED driver (converter or power supply) is the heart and brain of your LED installation because it regulates the power to the light source. Choose OCV range to keep your sign running safe, uniformly bright, and maximize its lifetime.

OCV range (5 and 7 years) meet all the safety and electrical norms required today for light installations.

« Compliant with the strictest norms and regulations. »

1	**Design fits easily with no shadows**
2	**Fully Potted/Encapsulated**
3	**Very low MTBF:** 0.2 % per 1000 hrs
4	**Surge, over-heat and over-load protections**
5	**Active PFC >0.9:** EN norm requirement

Our well-known OCV Slim
« Power with Quality »…

1 Fully compliant with EMC and all norms and regulations

2 Full power range from 15W to 100W. Full loading

3 Active Power Factor Correction very efficient and Surge, Over-temperature and Short-circuit protections

4 IP67 for outdoor applications. Metal casing fully encapsuled

5 Universal input voltage 100-277V

6 SLIM profile (40x23mm) to fit in very thin applications

7 High maximum working temperature with low failure rate

7 YEARS 50.000hrs

1 High-power converters: 100 or 200W. Full loading

2 5-year warranty

3 Universal input voltage 100-277V

4 IP67 for outdoors. Metal casing fully encapsulated

**5** Active Power Factor Correction: ≥0,95

5 YEARS 50.000hrs

… and our new OCV Classic to boost your installations with savings!

DimaLed DLight

« Simply-brilliant system regulates the brightness level of your signs to have just the right luminance day or night. »

DimaLed DLight adjusts the brightness of your LED application according to its changing surrounding light. This way your sign will always be perfectly illuminated: never too bright, never too dark, never out of regulation. The parameters are easy to set with a remote control, or you can select one of the 8 programs. Reducing light pollution and energy-consumption has never been done so easy!

Outdoor curve
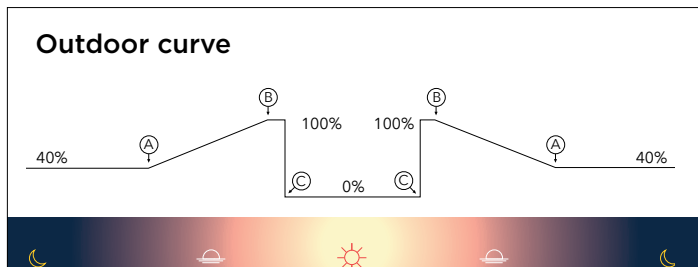
» 12V or 24V output voltage
» 1x8A
» IP68
» Small, easy and reliable

« Rounding off our Signage solutions
we offer you a wide selection of top-performance LED flexible
tape, light control systems and LED chains for some Signage
niche markets. »

DimaLed Blue Mesh

Make your sign flash, dimmable, color changing, etc. for special effects or to create very unique colors.

» IP68, small and robust design
» Wireless Mesh bluetooth technology
» Android, Apple apps
» Static color or 42 dynamic Mode
» Single or Tunable White, RGB and RGBW versions
» Up to 8A output

2 YEARS
50.000hrs
IP68

MONOPIX

Reliable SMD technology integrates a current regulator and very special lens for daylight use, 9 mm and 5 mm PIXEL applications.

» Available in 10 colors
» Efficiency up to 88 lm/W
» IP67 Robustness
» 60° and 70° lens to concentrate light
» Extreme UV protection

3 YEARS
50.000hrs
L50

WW WDL WS R A G B O Pink RGB

Customization

We understand you want to offer a unique solution that satisfies all the requirements your customer has. Contact us with your project needs and we will design and manufacture the perfect solution.

It could be a specific corporate color or CCT, special optics, a given distance between modules, a certain brightness, or a high CRI, for example. Just ask. We are a flexible manufacturer willing to deliver what makes your dream project a reality.
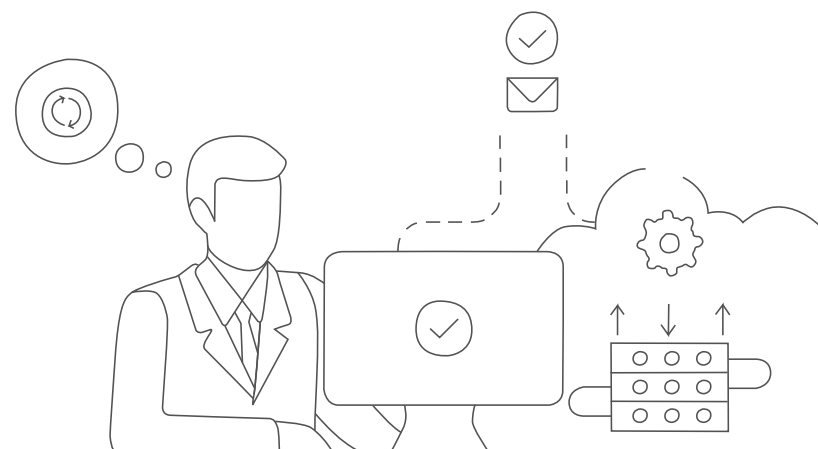
Larvik® Portfolio

« Let the Light Flow... and the savings follow! 60% energy savings and years of durability. »

Our wide range of professional luminaires available from 10W (1000 lm) to 1000W (100.000 lm) integrates very reliable power supplies and optics (8 types) that will drive the light and put it wherever is needed so you can definitely save on the number of luminaires used to illuminate in an impeccable way your advertising, facade, sport arena, and the like.

Larvik® Slim

Wide range of luminaires truly built for outdoors. Smart optics minimize the number and wattage needed. Up to 60% Energy-Savings.

» 10 to 280W version
» From 1.000 to 31.000 lm light output
» Efficiency up to 105 lm/W
» IP67 design
» Asymmetrical and symmetrical lenses
» Universal voltage AC85-265V, AC90-295V, AC90-305V
» Operating Ambient Temperature -35° to +45°C

5 YEARS 50.000hrs L50

WW   NW   WDL   RGB

Larvik® R

Larvik® R is one example of a customized luminaire for a specific project.
Whatever power, CCT, light distribution and body you want, we bring it to light.
Always durable to withstand the rough outdoors.

» 50W Luminaires truly built for outdoors
» 60° optic
» 360° rotation range 180° swivel range
» 100 lm/W system
» Easy installation: G1/2 mounting bush
» IP67 for outdoor use
» Universal voltageAC 100-277V

◯
NW

5 YEARS
50.000hrs
L50

Larvik® Wall

Smart Luminaire. Switch to Safety and Savings.

» Aesthetically attractive: Slim (12cm) and polished luminaire
» Easy handling and installation
» High efficiency: 105lm/W
» Integrated Smart Sensors for ambient light and motion
» Universal Voltage: AC 100-277V

◯ ◯ ◯
WW NW WDL

5 YEARS
50.000hrs
L50

Solar

« Reach where no electricity does with 100% renewable energy. »

Introducing our new sun-driven portfolio to shine light where no electricity reaches. 100% energy-savings, special optics to distribute light where needed, sensors and controls for smart lighting, all in a wide range of light intensities.

Larvik® Solar

High efficiency and brightness Floodlight for large areas, outdoor advertising, facades, etc.

» Range from 15W to 60W
» Up to 7200 lm
» Dimmable for longer autonomy
» LED efficiency 130 lm/W

Larvik® S Solar

High efficiency and brightness pole mounted floodlight for street lighting with motion sensor.

» Range from 15W to 60W
» Up to 7200 lm
» Dimmable for longer autonomy
» LED efficiency 130 lm/W

SignBox Solar 12V - 24V

Now you can illuminate standard Signage applications where electricity does not reach.

» Range from 30 W to 100W
» Autonomy up to 8 hrs @100% intensity
» Savings mode optional for longer autonomy
» Remote control for easy set-up

3 YEARS 2.000 CYCLES L70

3 YEARS 2.000 CYCLES L70

3 YEARS 2.000 CYCLES L70

REDA SOLAR

Solar, smart and sustainable. Outdoor Area Lighting.

» Range from 12 W to 48W
» High brightness: up to 5500 lm
» Autonomy up to 8 hrs @100% intensity
» Savings mode optional for longer autonomy
» Efficiency up to 125 lm/W
» IP67
» Plug & Play system
» Remote control for easy set-up
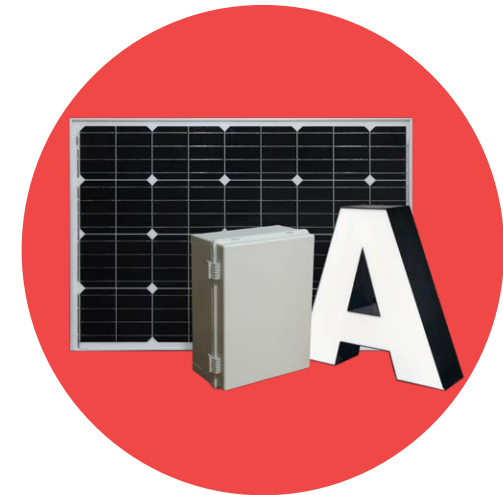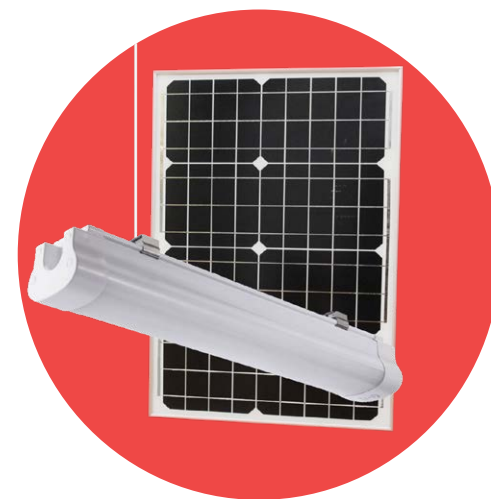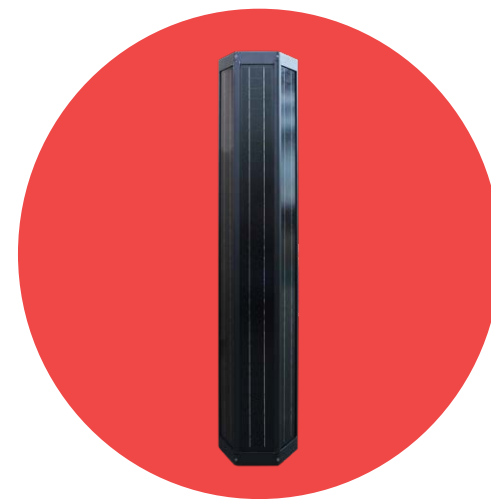
2 YEARS
1.000 CYCLES
L70

Our solar-powered LED solutions allow you to bring real light to places where electricity does not reach. Easily adjust the time and brightness with remote control according to your autonomy and light requirements. The smart optics of the luminaires will put uniform real light where is needed.

Hexa Solar Panel

Retrofit any pole into a stylish luminaire for large area lighting with innovative and smart 360º panels wrap.

» Vertically positioned so no dirt collected and no wind-resistance
» Hexagonal frame always collects light
» Scalable solution, adjustable height
» 100W to 140W

5 YEARS
50.000hrs

Lighting

Gas stations and high-ceiling spaces (warehouses, manufacturing plants, sports arenas, etc.) clearly benefit from these ranges of smart luminaires. Energy-efficient and essentially maintenance-free solutions for many years to come.

RORVIK SLIM

High durability and brightness for canopies of gas stations.

- » 80 to 150W version
- » Up to 18.000 lm light output
- » Efficiency up to 120 lm/W
- » IP65 design
- » 120° or 90° lenses
- » Motion and Ambiance Light sensor
- » Patented cooling system
- » Universal Converter AC100-277V
- » Recessed, Surface or Pole mounted

5 YEARS 50.000hrs L50

NW

ATRIA

For a bright and efficient working area and high-ceiling spaces. Very versatile.

- » 50 to 200W version
- » Up to 24.000 lm light output
- » Efficiency up to 120 lm/W
- » IP54 design
- » 120°, 90°, 60° lenses
- » CRI >80 light quality
- » 5 and 7 years Warranty
- » Patented cooling system
- » Choose housing color

5 YEARS 50.000hrs L50

NW

REDA INDUSTRY

Designed for Industrial applications to shine in extreme environments.

- » 30 to 80W version
- » Up to 10.400 lm light output
- » Efficiency up to 130 lm/W
- » 100-120° beam angle
- » Motion and Ambiance Light sensor
- » Patented cooling system
- » Universal Converter AC220-240V
- » DALI dimming for option

5 YEARS 50.000hrs L80

WW   NW   WDL

ALNA Lines

Invisibly elegant or remarkedly innovative high quality non-glaring light for indoor spaces.

- » 30 and 36W version
- » Up to 4.140 lm light output
- » Efficiency up to 115 lm/W
- » UGR<13
- » 73° lenses
- » Motion and Ambiance Light sensor
- » Universal Converter AC220-240V
- » DALI dimming for option

5 YEARS 50.000hrs L80

WW   NW

KOKKA

Very compact, slim and elegant design. Ideal tracklight for indoor use: shops, exhibitions, galleries.

» Rotation angles: 350° horizontally and 90° vertically
» High Ra over 90 for outstanding color representation
» 2 optics available: 36° or 60°
» LED efficiency: 115 lm/W

NW

5 YEARS
50.000hrs
L80

Sygna® Dome

The perfect solution for showcase, lighting and shelf lighting.

» Dimmable with tactile push button
» High consistency quality LEDs with CRI 80 from MacAdam 3 ellipse
» 3 different lenghts, each in 2 white temperatures
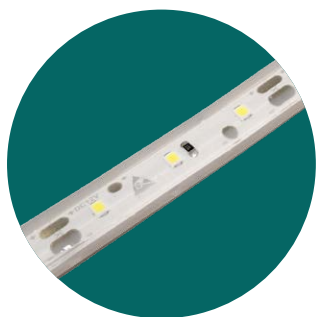» High efficiency: Up to 98 lm/W

WW   NW   WDL

3 YEARS
50.000hrs
L50

Flexstrip

Infinite options of flexible LED strip. We can customize them too. Here is just a sample of the most popular.
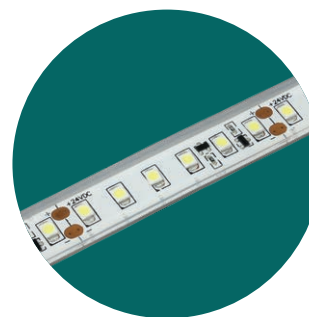
Flexstrip 480

The ideal solution for ambient lighting, in two versions to satisfy your special needs.

» Up to 535 lm/m
» 60 LEDs/m
» IP20 or IP65 version
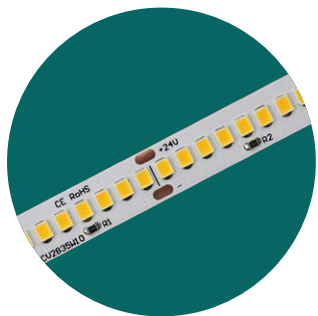» PCB or SLEEVE version
» CRI >80

3 YEARS 35.000hrs L50

WW   WDL

Flexstrip 500R

LED strip with regulator to ensure the current consistency of your ambient lighting projects, in two versions.

» Up to 528 lm/m
» 120 LEDs/m
» IP20 or IP65 version
» PCB or SLEEVE version
» With IC regulator
» CRI >75

2 YEARS 13.000hrs L50

WW   NW   WDL

Flexstrip HE
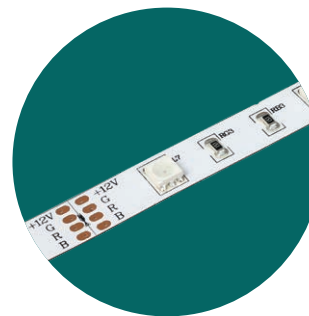

The highest efficiency in a LED flexible strip for very powerful and uniform installations.

» 1200, 1800 or 3000 lm/m version
» From 112 to 320 LEDs/m
» IP20 or IP65 version
» HE Plus version with tunable white CCT
» CRI >80 or >90

5 YEARS 50.000hrs L50

WW   NW   WDL

Flexstrip 300 & 500 RGB

The LED flexible strip for your RGB projects in 60 LEDs/m.

» Version up to 240 or 480 lm/m
» 30 or 60 LEDs/m
» IP20 or IP65 version
» PCB or SLEEVE version

2 YEARS 25.000hrs L50

RGB

Supplier of tailor-made lighting products.

Four production divisions based on architectural lighting, light strips, LED NeonFlex and advertising boxes kits.

Faced with a growing demand for tailor-made LED luminaires for lighting, decoration and the creation of luminous atmosphere, our Factory segment offers new possibilities to our customers. Our LED NeonFlex, ideal for luminous highlighting, is cut to the length you wish and wired with great care.

Our wide range of Flexstrips (LED ribbons) enables us to offer a multitude of CRI or light power combinations. We associate them to profiles and lenses for a better light distribution and we can also suggest you a resin finish for a better protection rating.
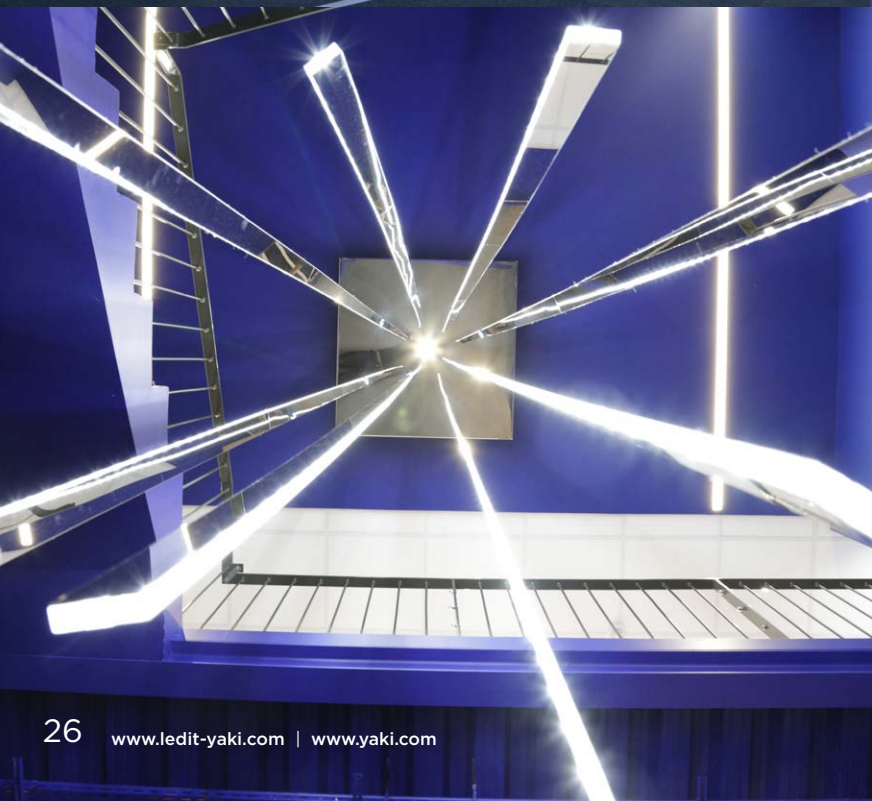
The Line S light strip is exclusively mounted with ModulBox® LED modules and works with different optics to offer a uniform and powerful lighting, consistent with the security standards.

We make according to your needs your Medyakit® box in our workshops.

Le LightHouse

LEDIT YAKI ACADEMY

Often new technologies seem complex, but the proper training empowers us to embrace them and implement them so we can fully benefit from them. However, it's not easy to find the adequate support and a practical learning environment that is meaningful to our business.

For this reason, YAKI Academy started in 2017 to design and develop effective training sessions. We have already trained a few hundred professionals who have risen to success using new technologies in LED lighting, light management and digital screens.

Academy sessions on specific topics are held once a month in the LightHouse.

If you are interested, please contact us.

LEDIT YAKI - Le Lighthouse

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