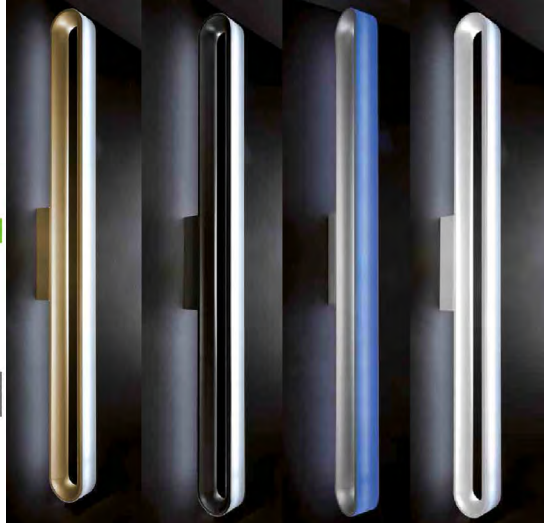


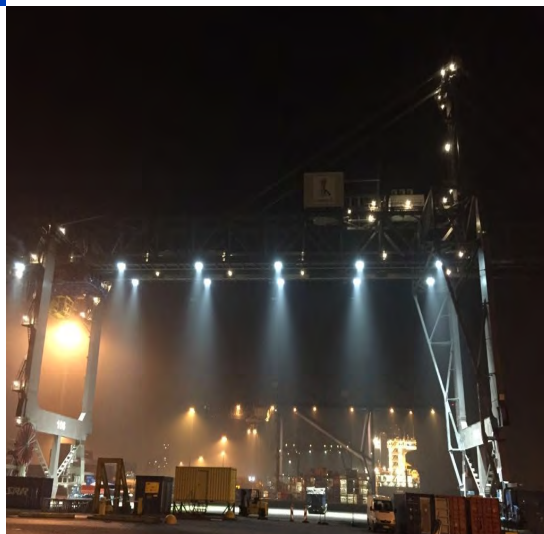
nagl
next generation led



spring 2019

Next Generation LED product catalog

More light with less energy for a greener world

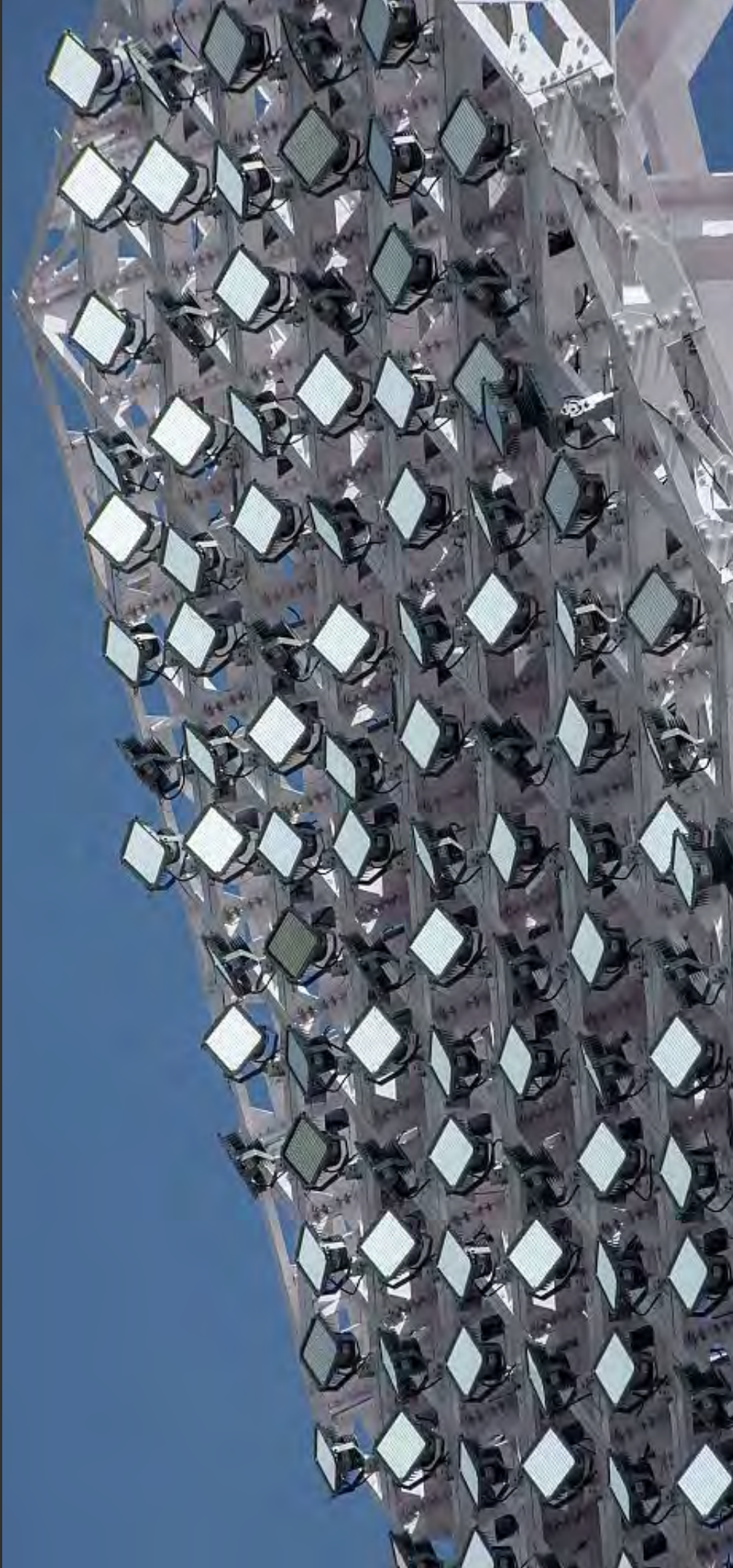


Next Generation Led is an independent importer and distributor that is not tied to one specific manufacturer or origin. In this way a high quality and still affordable product range can be proposed.

Next Generation Led has been active for years in the development, testing and evaluation of energy-saving lighting systems for professional purposes. We always look for the right balance between power, light output, color, beam angle, lifespan and other technical characteristics.

Next Generation Led offers you a total concept in which the customer's needs are central. On the basis of professional lighting advice and technical support, our aim is to get the best out of your investment with the best light comfort as goal.

Our range of LED lighting is ideal for offices, production areas, public buildings, schools, underground car parks, retail spaces, sports fields, showrooms, industrial halls and storage areas.



Solutions

Next Generation Led does not sell LED lamps, we sell specific solutions for specific problems. No project is identical and we approach every project with the utmost care, taking into account the specific requirements of the customer. We think along with our customers to come to the best and most budget-friendly solution for every unique situation.

For example, we recently searched for and found a solution for a well-known Belgian brewery that does not affect the ripening process of the beer by working with yellow / orange LEDs that effectively filter the light wavelength below 500 nm.



Our quality

Next Generation Led guarantees the quality of its products. Our technical department tests all our products on:

- flicker percentage
- color index value (CRI)
- power factor (Pf)
- SDCM (exactness of the color temperature)
- temperature of the LED chip and the cooling element

If the luminaire in question does not comply, it is simply not included in our range. In this way we always guarantee top quality to our customers. LED lights are designed to function for at least 50,000 hours and not to break down in the short term. Errors can never be ruled out, but in case of a defect, our repair service is available to determine and solve the problem.



Our products

Through constant monitoring of the market, visits to the largest light fairs such as. Light & building in Germany or Euroluce in Italy, Next Generation LED has come to the LED lighting portfolio that it has today.

Our portfolio is obviously not static because of the rapidly evolving market and can therefore change very quickly.

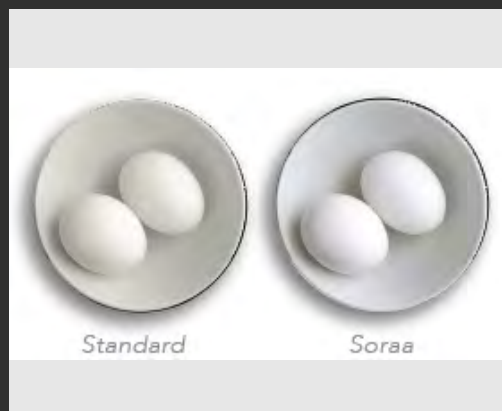
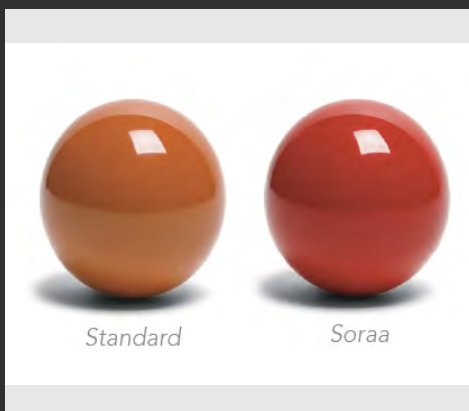
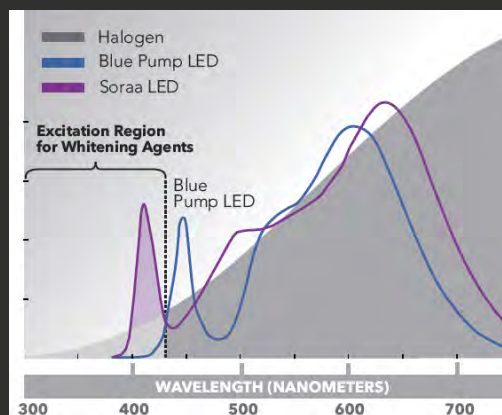
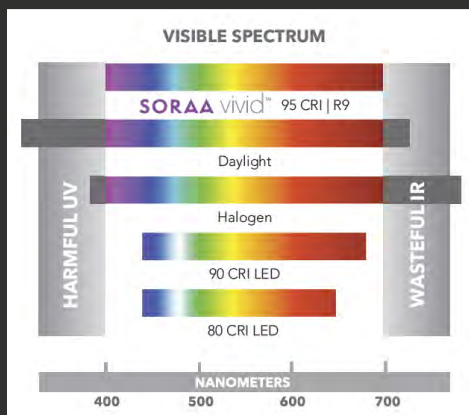
In what follows, we go deeper into the qualities of some of our products and suppliers such as the world-famous Soraa whose founder won the Nobel Prize in physics, Gigatera who was allowed to take care of the 2018 Olympics in PyeongChang, or Photonstar with their circadian solutions for residents of nursing homes and other care centers.

Finally, Next Generation LED also develops and produces its own solutions / products, such as our meat tube that is used by the Renmans group in all its butcher shops or our ground spots that work according to the induction principle of the genius Nikola Tesla and in contrast to the other ground spots on the market, remain free of condensation.

Soraa

There is one real light that directs our emotions, our clocks and our perceptions.

Soraa® was founded to replicate this light and has been a leader in innovative LED lighting technology since its inception. Founded by the Nobel Prize winning scientist, Shuji Nakamura, in 2008. Soraa's unique approach to LED design and careful construction are focused on a primary goal: perfect representation of white and all colors of the visible spectrum, just as nature intended.





Ref: 121-0001

Soraa MR16

- Lifespan L70 %: > 25.000 hr
- GaN on GaN™ (Gallium Nitride on Gallium Nitride)
- One beam of light so that no stray light or false shadows can be seen
- Works with the most magnetic and electronic transformers
- Fits for most standard fixtures
- Can be used in sealed fixtures or humid environments
- Flicker free to reduce the eyestrain
- Energy savings up to 80%
- Environment friendly: no mercury or toxic gasses
- Instant switch-on regardless of temperature or humidity
- Warranty: 3 years



Ref: 111-0001

Soraa GU10

- Lifespan L70 %: > 25.000 hr
- GaN on GaN™ (Gallium Nitride on Gallium Nitride)
- One beam of light so that no stray light or false shadows can be seen
- Works with the most magnetic and electronic transformers
- Fits for most standard fixtures
- Can be used in sealed fixtures or humid environments
- Flicker free to reduce the eyestrain
- Energy savings up to 80%
- Environment friendly: no mercury or toxic gasses
- Instant switch-on regardless of temperature or humidity
- Warranty: 3 years



Ref: 100-0013

Soraa AR111

- Lifespan L70 %: > 25.000 hr
- GaN on GaN™ (Gallium Nitride on Gallium Nitride)
- One beam of light so that no stray light or false shadows can be seen
- Works with the most magnetic and electronic transformers
- Fits for most standard fixtures
- Can be used in sealed fixtures or humid environments
- Flicker free to reduce the eyestrain
- Energy savings up to 80%
- Environment friendly: no mercury or toxic gasses
- Instant switch-on regardless of temperature or humidity
- Warranty: 3 years



AR111 GU10 Ref: 100-0118



PAR 30 longneck Ref: 100-0142



PAR 30 shortneck Ref: 100-0151



PAR38 Ref: 100-0171

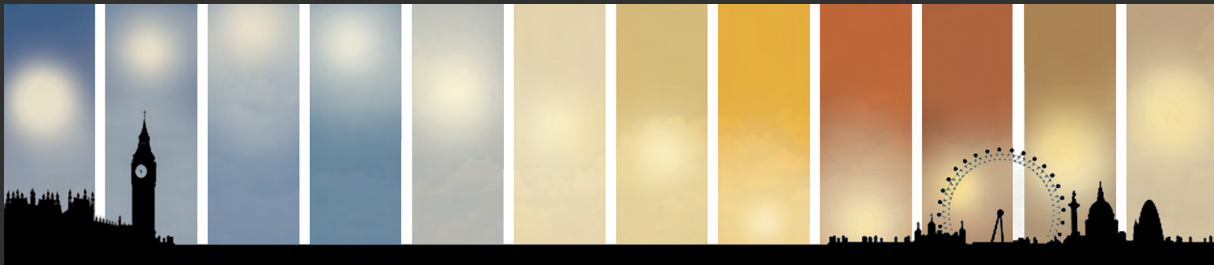
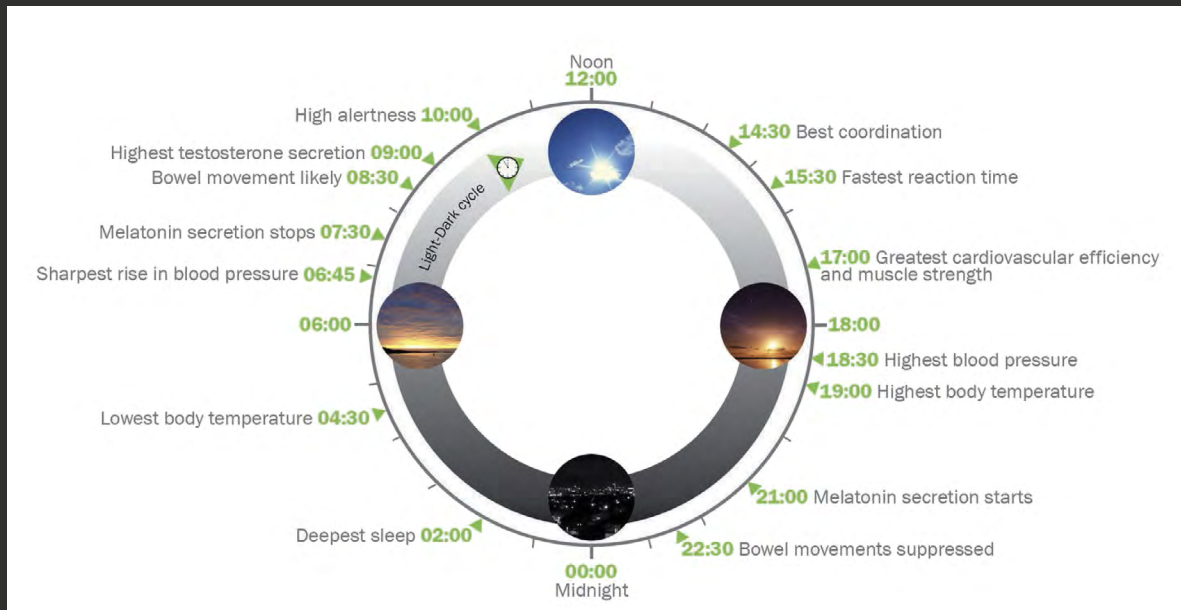


Adjustable 1100mm Ref: 112-0061



Adjustable 350mm Ref: 112-0049

Circadian lighting



This lighting changes during the day to simulate daylight. Originally developed by NASA for illumination in the ISS, it has become a standard in the United States of America in the healthcare sector and is slowly turning to Europe.

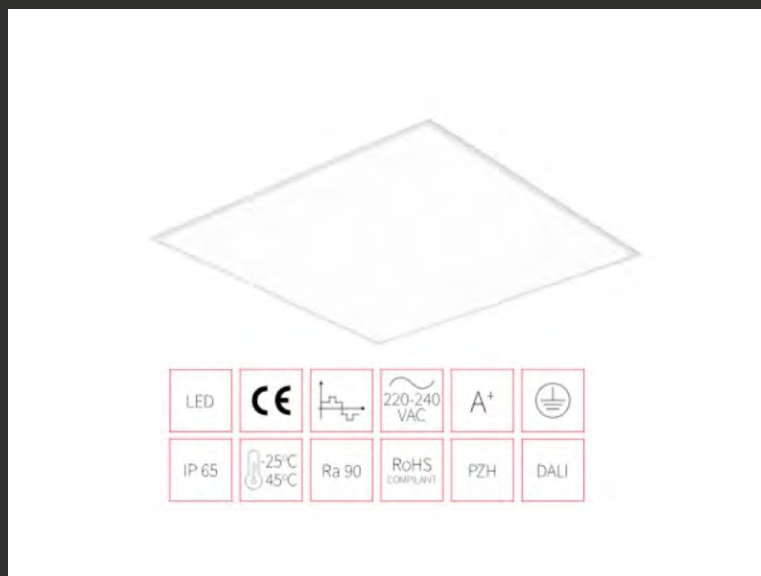
Has numerous health benefits compared with regular lighting for patients in nursing homes, rehabilitation centers, hospitals but also for healthy lighting in the home or office to positively influence the productivity and mood of the user.

Medical LED panels



For the medical sector, there is a specific solution for operating rooms, pre-operative and post-operative areas, intensive care units, examination and treatment rooms, ophthalmology, laryngology, dermatology, dental examination rooms, etc ...

This is not based on circadian technology because it only has to serve to research and operate, this requires a high CRI (color rendering index) > 90 and an antibacterial nano coating.



Ground spots

A unique product that completely eliminates the risk of electrocution by using induction. This gives the advantage that no wires have to be connected during the installation and eliminates the problem of rising damp which even the best-known brands of ground spots suffer from.

Available in different beam angles, models, light colors and 220V AV or 24 DC voltage for underwater applications.





Ref: 290-0100



Ref: 290-0109



Ref: 290-0212

Ground spots 3W

- Lifespan L70 %: > 50.000hr
- Immediate start regardless of temperature or humidity
- No mercury or toxic gasses
- Unique and innovative induction power supply
- 316L stainless steel fitting
- IP67, AC180V~380V or DC24V
- 3W 25°, 40°, 60° or 180° beamangle
- CREE chip
- Inductive plug driver in the base that transfers wireless electricity
- Induction makes it possible to wire the base hard without fear of condensation
- Warranty: 5 years

Ground spots 9 or 18W

- Lifespan L70 %: > 50.000hr
- Immediate start regardless of temperature or humidity
- No mercury or toxic gasses
- Unique and innovative induction power supply
- 316L stainless steel fitting
- IP67, AC180V~380V or DC24V
- 9W or 18W, 25°, 40°, 60° or asymmetrical beam angle
- CREE chip
- Inductive plug driver in the base that transfers wireless electricity
- Induction makes it possible to wire the base hard without fear of condensation
- Warranty: 5 years

Standing spots

- Lifespan L70 %: > 50.000hr
- Immediate start regardless of temperature or humidity
- No mercury or toxic gasses
- Unique and innovative induction power supply
- 316L stainless steel fitting
- IP68, DC24V
- 3W, 6W, 9W, 12W or 18W, 28°, 38°, 48°
- CREE chip
- Inductive plug driver in the base that transfers wireless electricity
- Induction makes it possible to wire the base hard without fear of condensation
- Warranty: 5 years



Ref: 290-0201



Ref: 290-0213



Ref: 290-0119



Linear ground light Ref: 510-0008

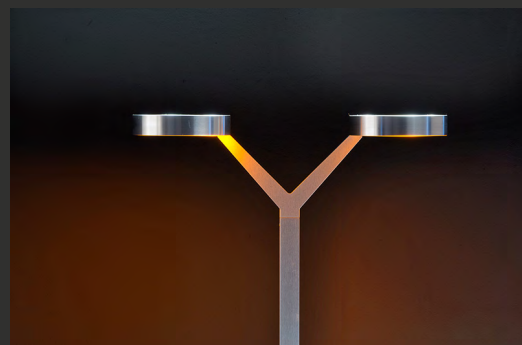
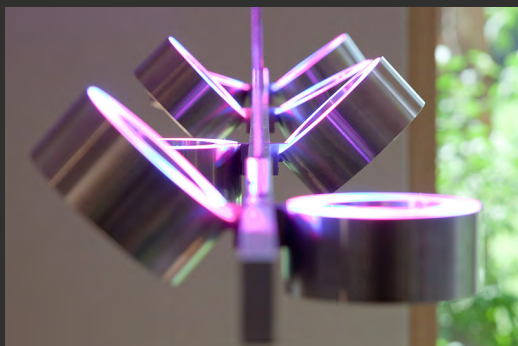
Keen Light design

Egbert Keen is one of our partners and the expert in the field of light and light applications. The company wants to share all its knowledge and skills. All knowledge is processed and bundled in a professional manner so that people can function optimally. Everything is tailor-made in NL to the wishes of the customer. Feel free to visit our showroom to discuss what is possible to turn your vision into reality.



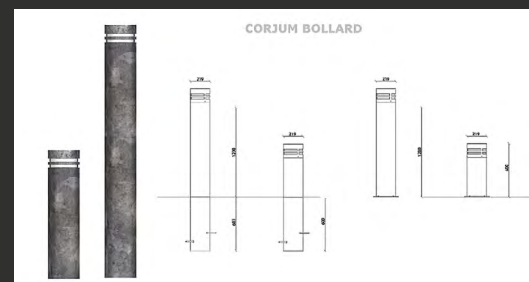
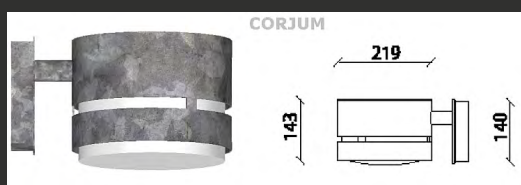
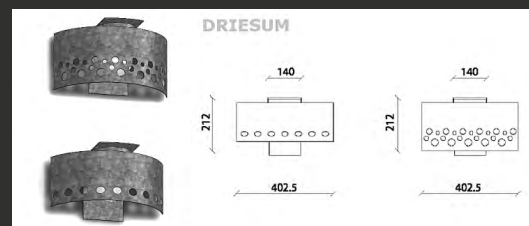
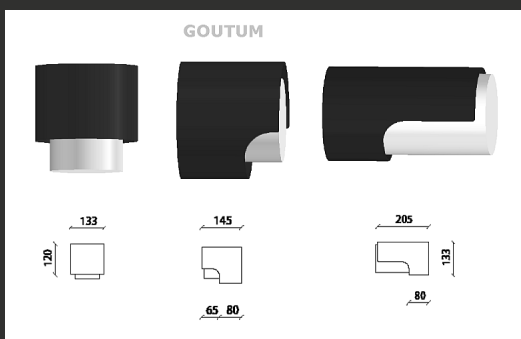
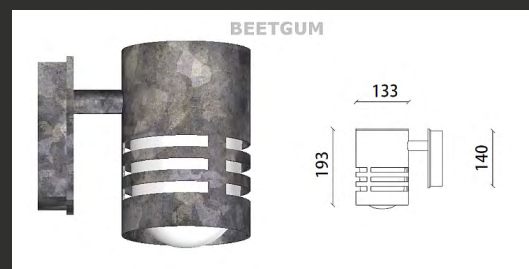
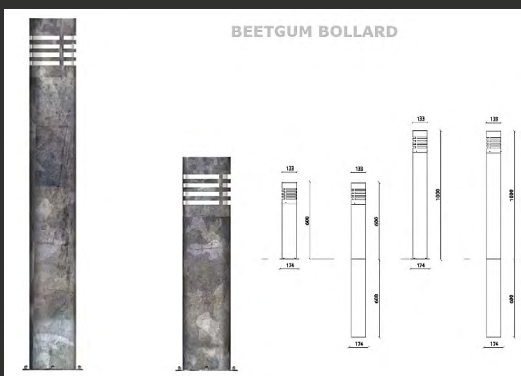
SIGLLICHT

A lamp from Klaus Sigl Manufactory in the Körnerstraße in Munich must not only meet the highest aesthetic requirements, but, more importantly, must be perfect from any technological point of view. That is why it is mainly the intelligent control modules that make the lightcreations of SIGLLICHT so special. All lighting systems, wall lamps, hanging lights, floor, ceiling and design lamps are easy to operate. This starts with the handling of the movable elements and ends with the replacement of a light source or lamp. The LED lighting systems with color control and dimming function are controlled by intuitive touchpads and specially developed apps for a perfect haptic and visual experience.



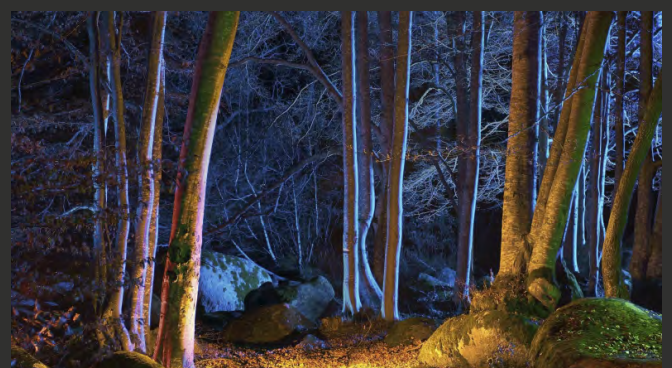
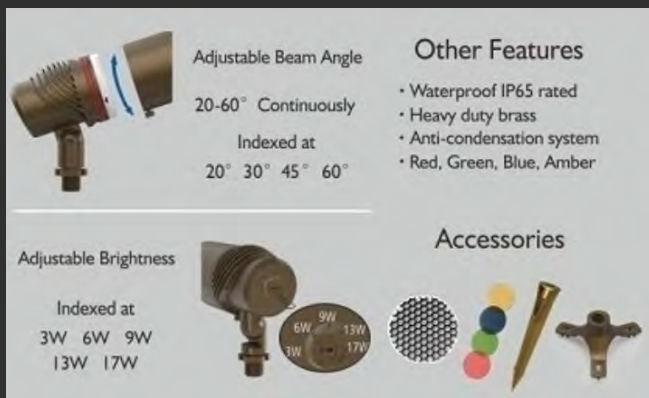
Urbancool “Frisian outdoor lighting”

Friesland is a province in the north of the Netherlands with its own identity and language, the Frysk. The landscape is vast and water-rich. The people are tough, earthy and have high personal demands. With this background, Egbert Keen designed an outdoor lighting program that consists of three series ‘Boppe’ (the top), ‘Ierde’ (earth) and ‘Hecht’ (robust). These three Frisian words are characteristics for the quality of the entire program. The three series exist in black aluminum or galvanized steel. All fixtures have an IP57 value and are therefore suitable for parks, gardens or any conceivable urban environment. The wall luminaires are 6W for 600lm and the pole luminaires 13W which is good for a light output of 1300lm.



Accent lighting

This series has been specially developed for accent lighting in gardens, forests, public places. Solid brass fixture that can be controlled either normally or via mesh / bluetooth. Customizable wattage, adjustable beam angle and if necessary with an RGBW module.



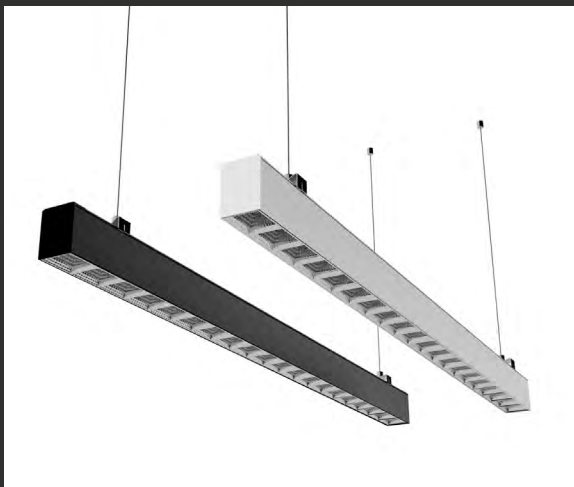
Broadwing

- Lifespan L70 %: > 40.000 hr
- High efficiency, sleek, visual comfort, precision lighting and stylish design
- Three different color temperatures
- Clamp or square base mounting
- 50min timer and three dimming levels available with touch switch on lamp
- Samsung LED
- Magnesium, aluminum, ABS and steel body
- Excellent uniformity
- Warranty: 2 years



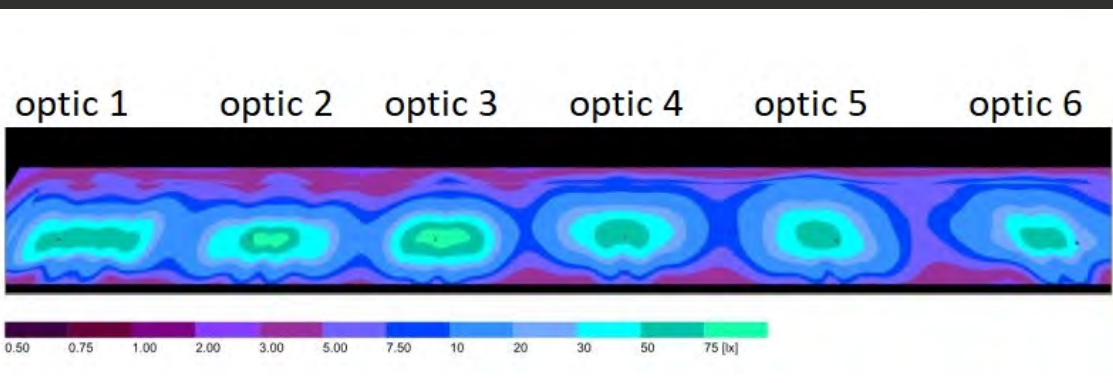
Low glare luminaires and Xicato control

Low glare panels, modules, linear systems, it's all here nowadays. The best thing is that this low blinding technology is compatible with the Xicato modules that allow you to create beautiful scenes, to dim with great precision or even to analyze and monitor the temperature and other characteristics of the lamp. A match made in heaven!



Street lighting

From 30W to 200W, explosion-proof, with various optical lenses with power surge protection, with daylight sensors. All luminaires have a minimum lifespan of 50000 hours and 5 years warranty.



Dragon & Petrol

Special lighting is often required for special environments such as refineries or filling stations or blast furnaces with high ambient temperatures. For this too we have a range of solutions in of which you can view some below.



Dragon highbay for use in harsh environments such as high ambient temperatures (up to 70 ° C), dusty and humid environments.



Petrol highbay designed for petrol stations, low glare and 500x500mm cover plate to cover mounting hole.



Barracuda, IP67, IK09 with safety glass, titanium coating, from 30 to 100 watts, suitable for mining and other heavy industry. The 30W model can handle ambient temperatures up to 110°C!



IP66 80W ~ 240W panel for food sector such as slaughterhouses where the luminaires are sprayed with the rest of the production environment with the high pressure cleaner.

LED Okamura

A Japanese supplier with unique solutions for food, textiles and other luxury products. With CRI > 90, no flicker, adjustable light color and beam angle, these are ideal luminaires for the retail sector. Special filters for fish, meat, bread, dairy, vegetables and textiles.



Meat and bread

Our self-developed meat and bread tubes, downlights or even spotlights are easy, cheap and fast alternatives to everything that concerns meat and bread products. For years in use at butchers of the Renmans group and “Boulangerie Louise”.



Symmetrical projectors

Whether it's the usual average projectors of 10W-180W, or the Sufa series for sports fields and cranes or even projectors that can withstand weather, wind and maritime conditions, these are also part of Next Generation LEDs portfolio.



Sufa-X luminaire for sports fields, container cranes



Sufa-H luminaire with deeper-lying LEDs for less glare



Projector 60° 120° 140°



Projector 15° 20°



150lm/W projectors



Maritime projectors

Asymmetrical projectors

In some environments such as container parks or sports fields, light pollution is an important factor to take into account. This is where asymmetrical projectors become important because we can use this in a fairly simple way to shine the light where it is really needed and not on the street or the neighbor's garden.



Wapa 50W~150W



Suma 400W, very focused beam that shines far with external power



Maha Plus with internal or external power



Standard Maha with internal power supply



IP65 box for external driver



External driver 400W ~ 1200W for Suma and Maha Plus

High bays

Next Generation LED also has a wide range of highbays. There are the explosion-proof ATEX fixtures, the economic factory highbays, the Sega with its higher wattage and the Valto with the very focused 90° beam so that the light mainly illuminates the work surface and thus no stray light is created on the ceiling or walls.



Explosion-proof high bay 30W ~ 180W



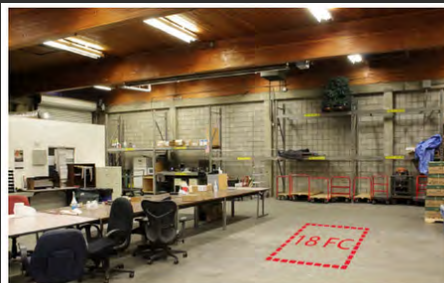
EFL - Economic factory lighting 70W ~ 100W, 80° or 120° beam



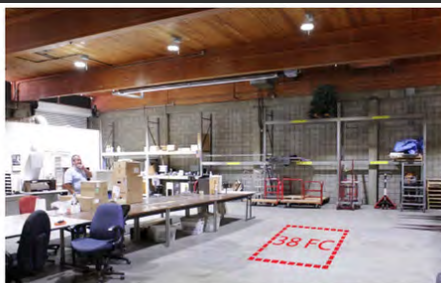
Sega 80W ~ 160W, 80° or 130° beam



Valto 105W ~ 150W with E40 or hook connection, 90°



Prior to the installation, light level and distribution was uneven and inadequate at the workplane and floor



After the installation, light levels and distribution was far more uniform and brighter.

LED Tubes

The original core business of Next generation LED. Where we started with simple LED tubes with a beam angle of 120°, this range has also increased significantly. Nowadays there is our specially developed 60° pipe for high eilings, there are the T5 tubes in different CRI values, wat-tages lengths and colors, our high performance T8 tubes with yields up to 180lm/W, our solar tube with a CRI of no less than 97, our IP65 wired tube or our tubes with eg green LEDs for surveillance purposes or with blue LEDs for the poultry industry, etc ... All T8 tubes available in 45cm, 60cm, 90cm, 120cm or 150cm, from 100 pieces custom sizes are possible.



Self-developed 60 ° tube



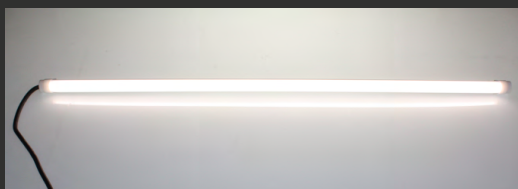
T5 tubes up to 6 years warranty



CRI97 solar tubes, render up to 97% of the colors



High performance tubes from 160lm/W to 180lm/W



Ip65 wired tube



Blue LED tube

Spectrometer



	Pro Essence	Pro Standard	Pro Flagship
Size	68.5/17/56mm	68.5/17/56mm	68.5/17/189mm (ipod touch included)
Weight	80g	80g	215g (ipod touch included)
Reliable Chromaticity	100~50000lux	50~50000lux	50~50000lux
Optical Resolution (FWHM)	10 nm	8 nm	8 nm
Repeatability	x,y < 0.001	x,y < 0.0005	x,y < 0.0005
Measurement Mode	Single, multiple, substract background	Single, multiple, continuous , substract background	Single, multiple, continuous , substract background
Measurement Capability	CCT, CIE 1931, CIE 1976, Spectrum Diagram, C78.377-2008, IEC-SDCM, CRI(Ra) (R1-R8), R1-R15, CQS, TubesCI, GAI, Illuminance, Foot candle, Peak Wavelength, Flicker index, percentage and flicker frequency	CCT, Duv , CIE 1931, CIE 1976, Spectrum Diagram, C78.377-2008, IEC-SDCM, CRI(Ra) (R1-R8), CRI (Re)(R1-R15) , R1-R15, CQS, TubesCI, GAI, Illuminance, Foot candle, Peak Wavelength, dominant wavelenth , Purity , SP ratio Flicker index, percentage and flicker frequency, TM-30-15	CCT, Duv , CIE 1931, CIE 1976, Spectrum Diagram, C78.377-2008, IEC-SDCM, CRI(Ra) (R1-R8), CRI (Re)(R1-R15) , R1-R15, CQS, TubesCI, GAI, Illuminance, Foot candle, Peak Wavelength, dominant wavelenth , Purity , SP ratio Flicker index, percentage and flicker frequency, TM-30-15
Key functions	Automatically record temperature and humidity, photograph, note, auto connection, auto dark calibration, data comparison, gps orientation, smart pass, social media, integration	Automatically record temperature and humidity, photograph, note, data filter , auto connection, auto dark calibration, data comparison, wifi transfer , gps orientation, smart pass, social media, integration	Automatically record temperature and humidity, photograph, note, data filter , auto connection, auto dark calibration, data comparison, wifi transfer , gps orientation, smart pass, social media, integration
Available APP	SGE, SGT, SGAL, SGS	SGM, SGT, SGAL, SGS	SGM, SGT, SGAL, SGS
Spectrum Genius PC_Standard	Exclusion	Inclusion	Inclusion
Spectrum Genius PC_Advanced	Optional Buyout	Optional Buyout	Optional Buyout

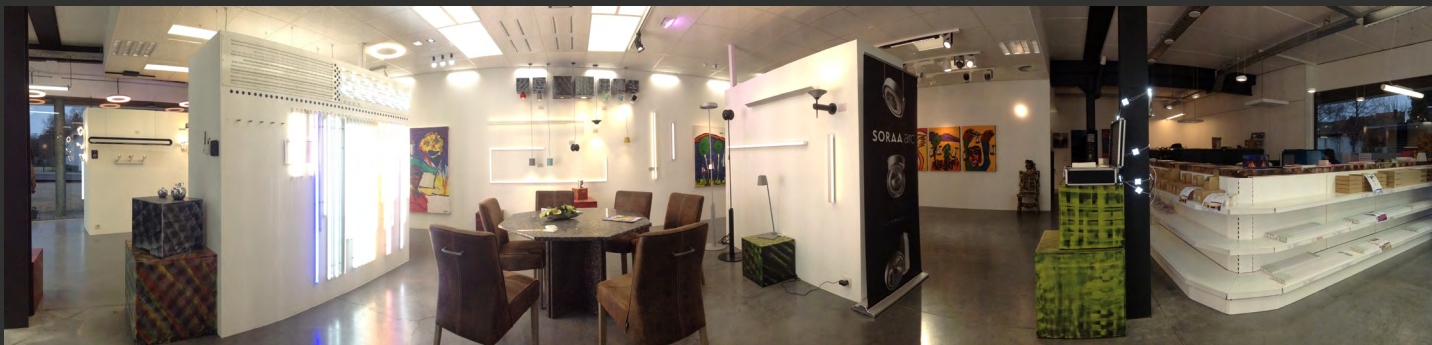
Technical service

With the manager who has a passion for electronics and our technical manager, Next Generation LED has a very strong technical service.

Even if we do not have a suitable solution, we are looking for a solution for the customer.

Failures can not be ruled out, with less than 1%, Next Generation LED scores well, but even in the case of defects, our technical department will soon replace the failing part. We also repair fixtures from other brands after having determined the cost price and having received the customer's agreement.





- ✓ More than 10 years experience in LED lighting
- ✓ Excellent price/quality ratio
- ✓ Personal contact is important to us
- ✓ Professional advice
- ✓ Designing light studies as desired with accompanying quotation

Feel free to contact us today.
Our expert team is there for you!

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Fast delivery



Professional advice



Best prices



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