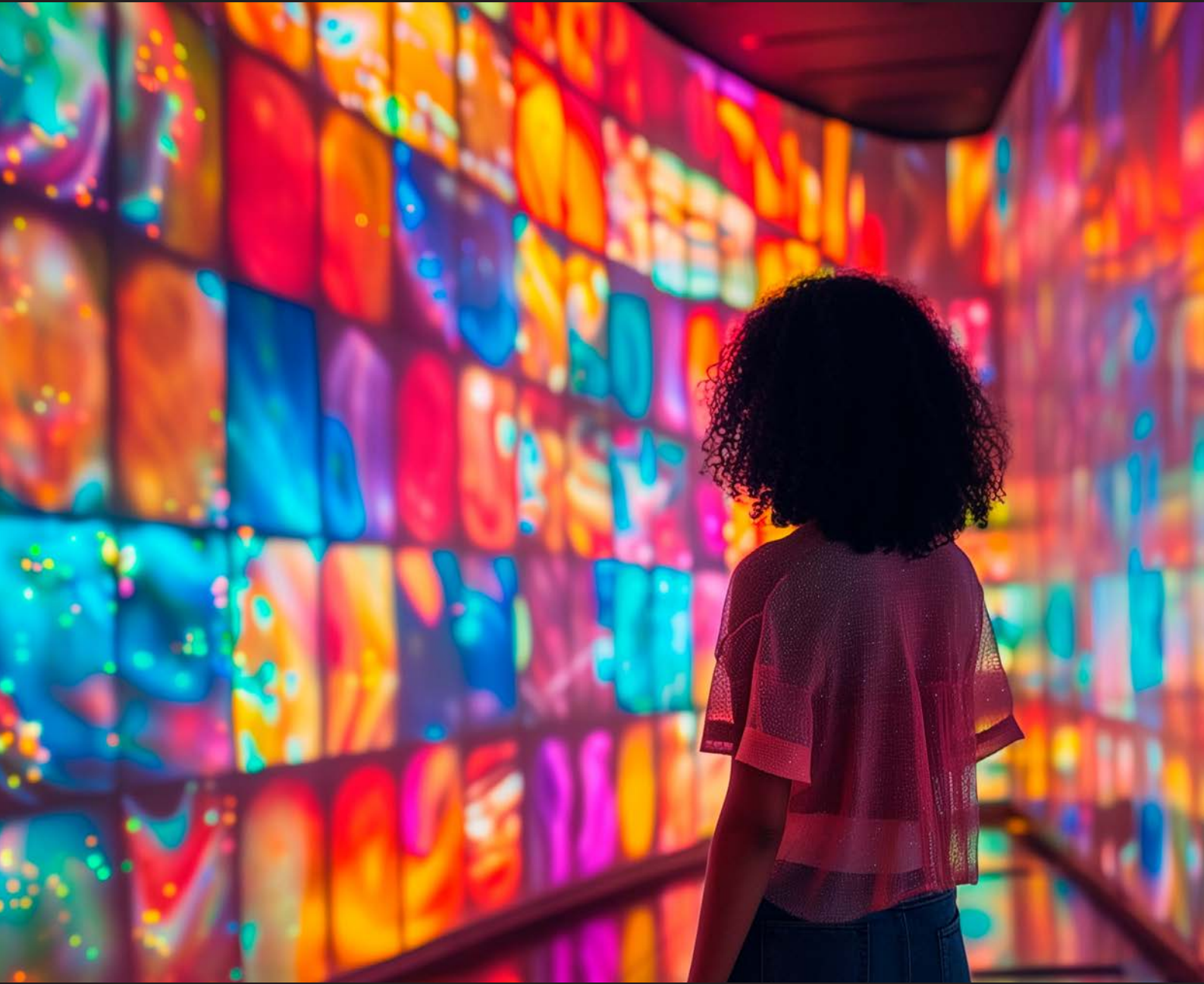


SYLVANIA

Concord



INSPIRATIONS

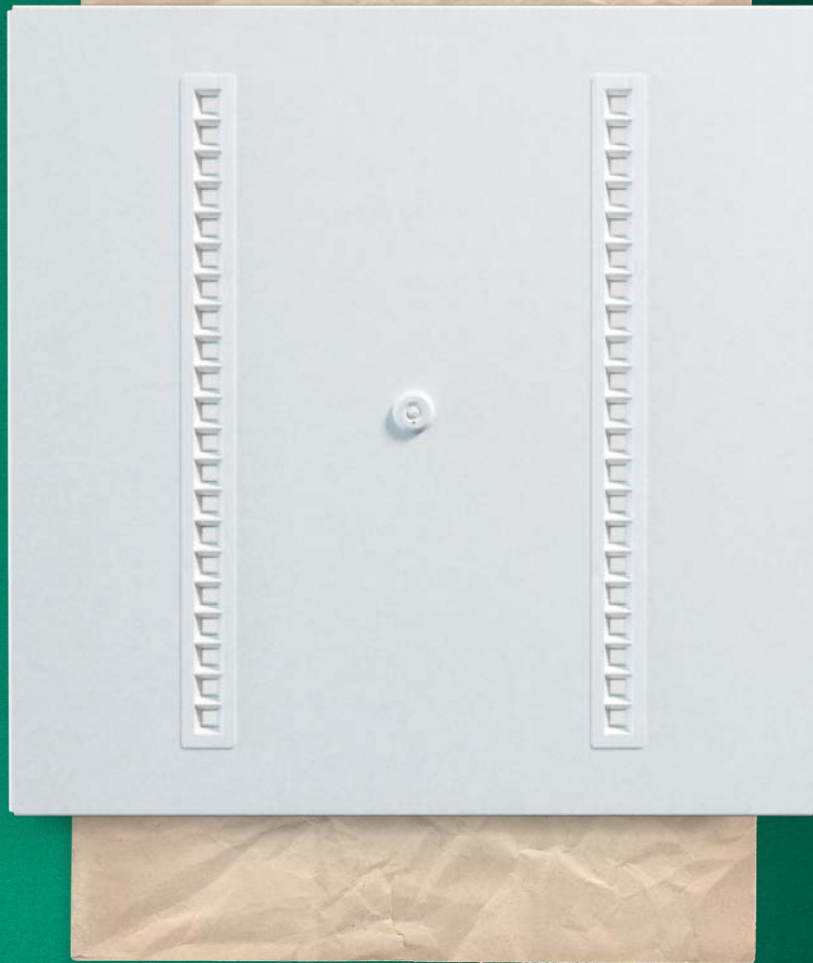
2025

Digital | Lighting | Solutions



OptiClip TERRA ™

**THE FIRST
PAPER THAT
ILLUMINATES
YOUR SPACE**



Our mission



We bring **technology** and creative **innovation** together through our **products, services** and **people** to enhance energy efficiency, improve sustainability, increase digitalisation and promote wellbeing.

Our **vision**



Building on over a 120 years of experience to improve light and life for our customers, enabling them to focus on what they do best by transforming the way they live and work.

Our **brands**

Concord



Concord is dedicated to architectural lighting for galleries, museums and retail outlets. Its exceptional products have been recognised for their design and technical performance for almost 60 years.

Concord is driven by **3 major inspirations:**

Premium

Our luminaires redefine excellence and offer state-of-the-art technical performances for all high-value-added projects

Design

The pure, timeless design of our luminaires has been recognised for almost 60 years.

Architectural

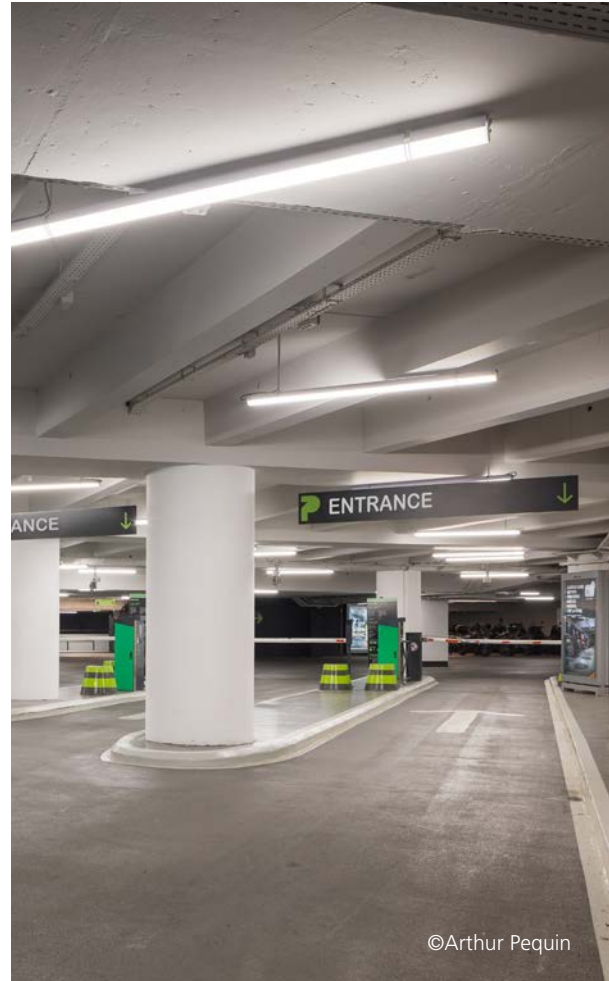
The beauty of light for museums, galleries and retail.

Our brands

SYLVANIA



©Arthur Pequin



©Arthur Pequin

For over 100 years, Sylvania, has made its mark in offices/education, industry/logistics and the hospitality (hotels, restaurants) sector by combining performance, a wide range and eco-responsibility.

Sylvania is built on **3 main principles**:

Cost effective

From initial cost to operational efficiency, and long-term maintenance.

Functional

The eco-performance and visual comfort of our luminaires have been recognised over 100 years.

Versatile

We offer a wide range of lighting solutions to cover all project needs.

Our ranges

PRO™

PRO™ is the premium range of the Sylvania products tailored for professionals. This range combines outstanding technical performance with contemporary design and cutting-edge lighting technology. It delivers high-performing, sustainable lighting solutions specifically crafted for projects.



START™

Sylvania's START™ product line delivers efficient, cost-effective, and reliable lighting solutions. Designed to meet the demands of everyday projects, these products are the perfect replacement for traditional lighting—offering high quality, performance, long-lasting durability, and easy installation across all environments.

Discover some of our START™ range products on page 182-183 of the catalogue.



SpecialITE®

SpecialITE® offers a wide range for variety of applications such as grow lights for horticulture, insect control, petcare, swimming pool lights, industry and infrared.



LiFeSafe™

LiFeSafe™ emergency range offers up to 3 hours of emergency illumination, powered by advanced LiFePO4 batteries and backed by a 5 or 6-year warranty.



LiteGuard™

LiteGuard™ is made up of products specially developed to meet the needs of hostile environments and benefit from specific certifications. The range covers cleanrooms (healthcare environments), which are one of its main applications.



YourHome™

From creating a warm, relaxing light in the living room to a productive, functional atmosphere in the study, all of our solutions (lamps & luminaires) are shaped around the changing moods and needs.



Our digital solutions & services

SylSmart®

SylSmart® solutions empower the reduction of energy consumption and foster a culture of sustainability.

Our highly intelligent, robust and secure lighting control system is designed to meet the challenges of all industries using wireless frequencies and sensors. Our solutions provide real-time visual data on energy usage and guide you to a more sustainable future.



360 Services™

Implementing a holistic project management approach that balances the best financial interests of clients with the achievement of sustainability objectives which helps businesses deliver energy and cost-efficient projects is a delicate task which requires deep understanding, careful and precise attention whilst reducing the barriers and disruptions to adoption.

We help customers save energy, decarbonise, de-risk their investment and project timelines, minimise disruption, ensure access to key financial schemes, and help protect their capital with turnkey solutions for all phases of their project that safeguard successful project execution and ensure the client's needs are met.



Power™

Power™ Sun & Cell utilises the power of the sun through PV and storage solutions to reduce energy costs and increase efficiency, while also allowing accurate monitoring of the extended life of the installation.



Our applications

As an innovation leader, we supply an extensive range of lamps, luminaires and lighting control solutions for various professional lighting application areas.

[1]



[2]



[3]

[4]

Office [1]

We know that lighting impacts our health, mood and sense of well-being – and all of those things contribute to our productivity. We take a human centric approach to lighting office spaces, reducing negative elements such as eye fatigue and headaches.

Education [2]

The learning environment is where we cultivate ideas and nurture young talent. Light levels that are strictly regulated for UGR and flicker have an important role to play. Lighting also accounts for over 50% of electricity costs in most schools, presenting an excellent opportunity to increase efficiency and lower costs.

Logistics & Industry [3]

This is a demanding sector with demanding needs. Many of these buildings are running 24/7 and need an intelligent lighting solution that's cost-effective, low maintenance and sustainable. We work with these businesses to determine the total cost of ownership and guarantee a return on investment.

Museum & Galleries [4]

Lighting has many surprising uses in a museum or gallery. From illuminating exhibits and artefacts to making visitors feel comfortable and welcome, light is a huge part of the overall experience. We have a long and distinguished heritage in museum and gallery lighting.



[7]

[6]

[8]

Retail & Display [5]

Lighting can have a huge impact on the bottom line in the retail environment. From enticing window displays to encouraging customers to spend more time on the shop floor, lighting does so much more than illuminate a product. Done correctly, it can even reduce overheads.

Hospitality [6]

Ambience and atmosphere are key when it comes to hosting, and nothing impacts those things more than lighting. From hotels and restaurants to clubs and bars, we have a range of lighting solutions that can be tailored to suit any environment while creating unique customer experiences.

Residential [7]

Light is one of the key ingredients when it comes to making a house a home. Whether the challenge is to bring warmth to a sitting room or function to a kitchen, we offer home owners a range of cost-effective solutions based solely on their unique needs.

Outdoor [8]

Due to fluctuations in weather and the changing seasons, outdoor lighting can be a complex challenge. Our outdoor lighting solutions takes all of this into account, providing cost-effective lighting that requires little to no maintenance. For commercial premises, facade lighting can create expressive and memorable architectural lighting experiences.



LumiNature®: Living in natural light



Driven by the sun Time indoors

Humans have thrived over 200,000 years under natural sunlight. Our brain activity is linked to the rhythm of the Sun.



Due to modern lifestyle, 90% of our time is spent indoors. When our cognitive activity is at its strongest, we are most often subjected to artificially lit environments.



Physiological response

Light regulates so much more than what we see – beyond visible light. Natural-like light can impact:



Lighting plays a major role

It has a significant impact on how people feel and how they perform.



Circadian rhythm

Circadian rhythms are physical, mental and behavioural changes that follow roughly a 24-hour cycle responding primarily to light and darkness in an organism's environment. They can influence important bodily functions, sleep/wake cycles, hormone releases and more.

- Your mood
- Your behaviour
- Your cognitive functions
- Your motivation levels
- Your sleep/wake cycles

More natural light – no blue peak



Our LumiNature® lighting delivers a complete and balanced spectral distribution with all colours of light more evenly represented while eliminating the blue peak. This produces a natural, full-spectrum artificial light which enriches the colour of its surroundings and removes a major contributor to disturbed health cycles. Combine this with class-leading low glare optical solutions of Sylvania and Concord luminaires with exceptional low flicker rates for enhanced occupant comfort.

Excellent colour rendering



Get the most natural and truest colour reproduction in your spaces thanks to our exceptional colour rendering and colour fidelity across all colour temperatures. Enjoy all the benefits of more depth of colour and contrast without ultra-violet or infrared.

LumiNature® provides high CRI97+ from all colour temperatures, including the truest reds (R9>90).

Dynamic light - 100% adapted to the circadian rhythm



Our intelligent, wireless SylSmart® system enables dimmable, auto-adjusting tunable white light, that respects the circadian rhythm of the sun while also enabling full optimisation, automation, personalised control and flexibility. All installed with minimum effort and 100% programmed using the SylSmart® mobile app.

Rich and energising light – the role of melatonin

Melatonin is often referred to as a sleep hormone that regulates our chronobiological rhythms. Furthermore, it is an anti-oxidant as well as an anti-aging hormone that can support the fight against cancer. Melatonin is vital to the wellbeing of humans. Melatonin production is heavily influenced by the right kind of light at the right time of the day which the sun delivers effortlessly.

Too much time under standard artificial light reduces the body's ability to regulate the level of this unique hormone. LumiNature® ignites your body's healthy cycle for improved sleep, stronger productivity, and better health. Working in conjunction with your biological clock, it regulates a beneficial melanopic ratio throughout the day.

Empowering your digital world



Illuminate Your Space, Elevate Your Experience

When designing a lighting system, it's crucial to consider both its functionality and its environmental impact. While ensuring optimal comfort and aesthetics, we must prioritize energy efficiency and sustainability. Modern regulations and standards increasingly emphasize energy conservation in buildings. By selecting a solution that minimizes energy consumption, we can achieve a balance between comfort, simplicity, and environmental responsibility.

Redefining Lighting with Smart Technology

Intelligent lighting systems makes significant contributions to the eco-performance of residential buildings and introducing flexible solutions can deliver the desired functionality and aesthetics whilst also providing enhanced energy efficiency and cost savings. With its wireless technology, sensors, and distributed intelligence, Smart Lighting is the backbone of the digital infrastructure of buildings.



Communal areas

SylSmart® Standalone

Maximum Control, Minimum Installation.

A wireless, plug-and-play lighting control solution ideal for smaller applications.

Easy to install

Plug-and-play design with in-app setup, no additional wiring needed.

Dynamic control

Personalize scenes and animations, including RGB and TW, via the app or wireless wall switch.

Energy efficient

Customizable energy-saving features based on time, occupancy, and daylight.

Secure

High encryption via Bluetooth mesh with user-specific access levels.



SylSmart® Connected

Unlock the intelligent building. Using wireless mesh communication technology, SylSmart® Connected offers an ideal solution that's easy to install, has low initial cost, and is low maintenance.

Integrated intelligence

Multifunctional sensors in each luminaire. The system delivers secure wireless communication with distributed intelligence and reliable performance.

Rapid installation & Effortless scalability

No additional wires or hardware needed. Offsite cloud preconfiguration minimizes on-site disruption. Easily scales from single floors to entire buildings.

Energy efficient

Customisable energy saving features based on time, occupancy and daylight. App driven maintenance and minimal disruption.

Secure & Reliable

Designed with robust security measures, including cyclic keys, replay attack protection, and man-in-the-middle attack prevention. Security is integrated at all system levels with a lifelong approach.

SylSmart® Connected Pro

Paving the way to data driven efficiencies. A complimentary service to SylSmart® Connected, this innovative, IoT ready digital platform, will revolutionise the role of smart lighting for enhanced data driven efficiencies.

Manage assets from anywhere

Gain global oversight of your premises with dashboard, floorplan, and asset status views, while conveniently controlling operations remotely with advanced rules and light scheduling.

World of Connectivity Options

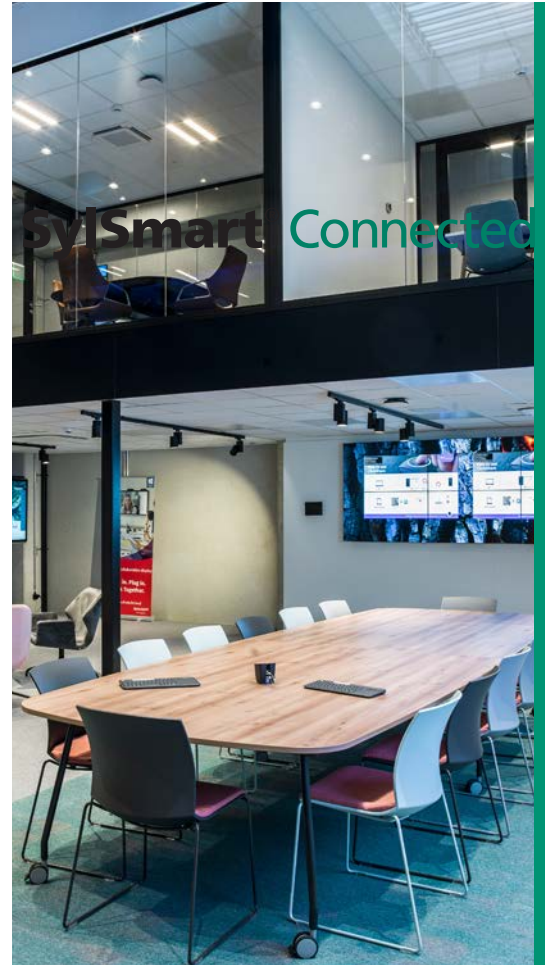
Benefit from cloud-based connectivity through an open API, facilitating seamless integration with Building Management Systems (BMS) and 3rd IoT services

Develop new business insights

Collect high-granularity historical data and leverage advanced analytics tools to optimize your lighting system. Additionally, explore contextual data to enhance building occupancy, improve space management, and boost environmental performance.

Cyber Secure

Designed with security at its core, the system is developed in accordance with industry best practices (OWASP2021; Azure defender)



360 Services™



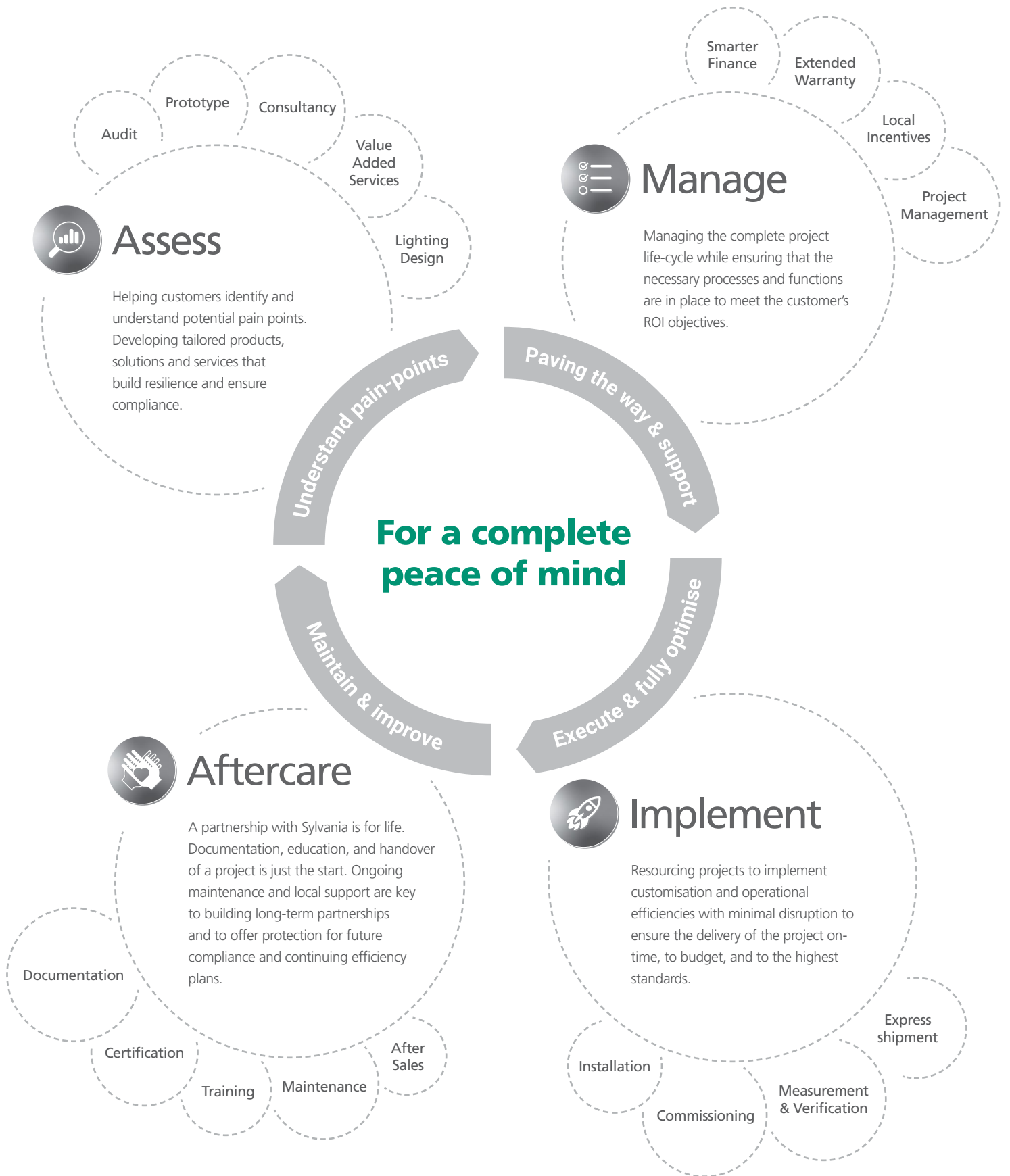
Tailored solutions with our holistic support

Our 360 Services have been created to offer our expertise and support you through the complete project cycle and beyond.

From an initial in-depth audit, we will tailor the complete design and deliver a turnkey solution for your lighting needs.

Whether you require support in developing bespoke lighting and product design, managing the overall project, improving cost-efficiency, saving energy, decarbonisation, or creating a future-proof system, we can assist you.

360 Services™ products



SYLVANIA Group

Over a century of light and innovations

1901
ORIGINAL PARENT COMPANY
1ST FOUNDED IN MIDDLETON,
MASSACHUSETTS, USA



1924
1ST SYLVANIA
PRODUCT (RADIO
VALVES)



1938
SYLVANIA
MIRALUME
WORLD'S 1ST
FLUORESCENT
LAMP & LUMINAIRE
MANUFACTURER



1946
SYLVANIA LAUNCHED
WORLD'S 1ST
GERMANIUM
ELECTRONIC DIODE



1953
START OF
ROTAFLEX
LAMP SHADE
PRODUCTION



1961
SYLVANIA DICHROIC
REFLECTOR COOL-BEAM
LAMPS INVENTED



1959
SYLVANIA
GRO-LUX
1ST PLANT
GROWTH LAMPS



1966
SYLVANIA METALARC
1ST HIGH-EFFICACY
AND LONG-LIFE METAL
HALIDE LAMPS



1968
SYLVANIA KODAK
FLASHCUBE 1ST
MULTIPLE CAMERA
FLASH



1901 1924 1934 1944 1954 1964 1974



Sylvania
LAMPS

HYGRADE
Sylvania



SYLVANIA
GENERAL TELEPHONE & ELECTRONICS GTE

1928
SYLVANIA
BRANDED
LAMPS
INTRO-
DUCED

1931
HYGRADE,
NILCO AND
SYLVANIA
MERGED



1924
1ST SYLVANIA
BRAND LOGO
SYLVANIA PRODUCTS
COMPANY FOUNDED
AS NILCO RADIO
DIVISION



1942
SYLVANIA
ELECTRIC
PRODUCTS

1945
HIEMSTRA
EVENBLIJ
RE-NAMED
EVOLUX



1959
MERGER OF SYLVANIA
WITH GENERAL
TELEPHONE CREATED
GENERAL TELEPHONE
& ELECTRONICS
CORPORATION



1953
ROTAFLEX FOUNDED
BY BERNARD STERN



1968
GENI LAMPS RE-NAMED
CONCORD LIGHTING
INTERNATIONAL, AND
ACQUIRED BY ROTAFLEX

Concord

1965
CONCORD LYTESPAN
1ST LIGHTING TRACK
SYSTEM IN EUROPE



1937
HIEMSTRA & EVENBLIJ
FIXTURES ESTABLISHED
IN HOLLAND



1950
GENI LAMPS FOUNDED
BY BERNARD STERN
CONCORD ORIGIN



1962
ROTAFLEX REGISTERED
THE TRADEMARK
DOWNLIGHTER™



1984
LYNX-D
SYLVANIA CREATED
1ST QUAD-TUBE CFL



1987
SYLVANIA
TWINARC
1ST
INSTANT-RESTRIKE
SODIUM LAMPS



1985
SYLVANIA SATIN
1ST FULL
SOFT WHITE GLS



1994
SYLVANIA
SHP-MF 1ST
MERCURY
FREE HID LAMPS



1982
SYLVANIA
CAPSYLITE PAR
1ST MAINS-
VOLTAGE HALOGEN
REFLECTOR LAMPS



1986
SYLVANIA
TRU-AIM
PROFESSIONAL
1ST SEALED
DICHROIC
HALOGEN
MR16



1989
MINI-LYNX
WORLD'S
SMALLEST
CFL



1997
SYLVANIA
SUPERIA CMI
1ST SINGLE
PIECE
CERAMIC
ARC TUBE



1996
SYLVANIA MINI-
LYNX AUTOMATIC
1ST SMART LAMP
WITH INTEGRAL
DAYLIGHT SENSOR



1996
SYLVANIA HI-SPOT
ES50 INVENTION OF
GU10
REFLECTOR LAMP CAP



1999
SYLVANIA
SYLMASTER
BETTER LIGHTING
CONTROL AND
EFFICIENCY WITH
ALUMINIUM OPTICS



2003
SYLVANIA
BRITESPOT
AWARD-WIN-
NING 1ST
METALL HALIDE
MR16 LAMP



2008
SYLVANIA RANA T5
ICONIC HIGH
EFFICACY LOUVRED
FIXTURE FOR T5
FLUORESCENT



2011
SYLVANIA
REFLED ES50
WORLD 1ST LED GU10
ABLE TO MATCH
HALOGEN OUTPUT



2013
SYLVANIA
RUBICO
INNOVATIVE
LOW-GLARE
LED OFFICE
LIGHTING
FIXTURE



2016
SYLVANIA DELIVERED
1ST INTELLIGENT
BUILDING (BEYOND
LIGHTING)



2021
HUMAN CENTRIC
LIGHTING NATURAL
LIGHT RECREATED



SYLVANIA HELIOS T5
ULTRA HIGH PERFORMANCE
GAS-COOLED LEDS FOR
PROFESSIONAL APPLICATIONS



2024
PAVING THE WAY
TO DATA DRIVEN
EFFICIENCIES



SYLVANIA OPTICLIP TERRA
THE 1ST PAPER THAT
ILLUMINATES YOUR SPACE



1984

1994

2004

2014

2024

2025

GTB SYLVANIA

SYLVANIA

SYLVANIA SYLVANIA
Group

1980
ITT-CLAUDE
LIGHTING
ACQUIRED BY
SYLVANIA FRANCE



1986
ROTAFLX
FIXTURES
ACQUIRED BY
SYLVANIA

**Concord
Lumiance
Linolite**

1979
ROTAFLX
ACQUIRED LINOLITE



1985
CONCORD
TARGA
PIONEERED
LOW VOLT
HALOGEN



1984
EVOLUX
RE-NAMED
LUMIANCE



1997
SLI TAKEOVER
BY CHICAGO
MINIATURE
LAMP



1996
CONCORD TORUS 100
SET A NEW TREND
IN PROFESSIONAL
SPOTLIGHTS



1993
SYLVANIA
LIGHTING INTERNA-
TIONAL FOUNDED
IN MGT BUYOUT BY
NORMAN SCOLAR



**HAVELLS
SYLVANIA**

2007
SYLVANIA
TAKEOVER
BY HAVELLS
OF INDIA



2008
CONCORD
OFFICELYTE 1ST
LUMINAIRE TO
LIGHT THE CEILING
FROM WITHIN THE
CEILING



2014
SYLSMART®
STARTING
SMART
LIGHTING
SOLUTION
SylSmart™

SYLVANIA
TOLEDO
RETRO 1ST
TO MARKET
WITH LED
FILAMENTS
IN EUROPE



2011
CONCORD BEACON
AWARD WINNING
TRACK SPOT RANGE



2022
DRIVING EFFICIENT &
CARBON-FREE BUSINESS



FULL PROJECT SERVICES FOR
COMPLETE PEACE OF MIND
360 Services™

CONCORD EQUINOX
DOWNLIGHT HIGHLY
INNOVATIVE & ELEGANT USE
OF OPTICAL LIGHT GUIDES



FEILO SYLVANIA

2016
SHANGHAI FEILO
ACOUSTICS (FACS)
- INESA TAKEOVER
OF SYLVANIA (FROM
HAVELLS-SYLVANIA)

INESA
FEILO 飞乐声

FEILO SYLVANIA
FEILO SYLVANIA
REPORTS TO INESA



2025
10 YEARS
OF SYLSMART®:
A DECADE IN
DIGITAL
TRANSFORMATION



A MORE EFFICIENT
PRESENT, A BRIGHTER
FUTURE

Power™

Made in Europe know-how at your service

Sylvania Group is a major player in the global lighting market offering innovative and sustainable solutions for professionals and consumers. We are present in more than 50 countries with 1,200 employees worldwide. With over 120 years of expertise, Sylvania Group manufactures and markets eco-responsible and digital lighting solutions. We support our customers throughout their projects with a comprehensive range of services. Our expertise and capacity for innovation are underpinned by our two historic brands, Sylvania and Concord. Energy efficiency, sustainable development, digitalisation, well-being and quality of light are at the heart of our mission.

- Innovative & Solutions Centres
- Offices / Representatives
- Agents Representation
- Factories
- Distribution Centres



Made in Europe

We take pride in having local Research and Development and production facilities throughout Europe. Our factories and production units are located in France, and Germany. Our Research and Development offices are a leading part of our organisation and allow us to be at the forefront of technological innovations, and to be constantly on the lookout for new developments, whether it be emerging uses by occupants, environmental challenges, or compliance with new regulatory standards. This company structure is a guarantee of quality, and a reflection of our strong social, work-policy and environmental commitments. On this point, the manufacturing process and the European design approach significantly reduce the carbon footprint of our products.

Tailor-made products and services

Our factories offer tailor-made solutions to meet our customers' specific needs. We aim to develop environmentally efficient lighting solutions which comply with the requirements of our clients. Once the needs are clearly identified, our Research & Development team, with the help of our production units, make sure that we create the best products and solutions for our clients. Apart from being a manufacturer, Sylvania Group also offers services, designed to support our clients from A to Z. From a detailed analysis of your lighting systems, the installation and optimisation of your project, compliance with regulations, and financing solutions, Sylvania Group is an expert at your side, each step of the way.



Production in our Erlangen factory in Germany

Factories

- **38 000 m²** of combined factory surface area in France 🇫🇷 (Saint-Etienne) and Germany 🇩🇪 (Erlangen)



Expertise

- Over **120 years** of experience
- Personalisation of lighting products
- Quality control at every step



Committed to sustainable lighting solutions

Each time we develop a new product and service we engage sustainable practices to deliver optimal lighting solutions while minimising our environmental impact. We employ comprehensive waste and energy conservation protocols that involve everyone in the business and extend to all areas of our operations.

We believe a responsible business is a healthy one and the prosperity of business and society is closely connected. Our mission is to bring technology, creativity, and innovation together through our products, services, and people to enhance energy efficiency, improve sustainability, increase connectivity, and promote wellbeing.

By mobilising our collective strength and strategic commitments to focus on creating healthy communities and a healthy environment, we can achieve long-term value and have a positive impact on society.



Recognised for our contribution

Sylvania Group is a business with a culture that places its people at the centre of all it does. We provide a professional, inclusive environment that helps our employees excel at everything they do, with policies in place to ensure we continue to evolve and adapt to the world around us. We want a career with Sylvania to be challenging, rewarding, and fulfilling, where our people can reach their potential both personally and professionally. We are a progressive and innovative global business dedicated to delivering excellent products and services to our customers and an inclusive work environment for our employees. We value our people, their experience, their ideas, and their contribution and we thrive on empowering each other so we can grow and develop together.

Intelligent lighting for the future

Sylvania Group invests in delivering advanced solutions that enhance people's lives and help create better environments. Innovations such as SylSmart® and 360 services offer so much more than quality lighting solutions, they represent the foundations on which future innovation can be built and deliver sustainable cost and energy efficiencies.

Our approach to create an inclusive and sustainable business is recognised through our silver certification from Ecovadis, one of the world's most recognised business sustainability ratings. This measures non-financial management systems and sits alongside our internal metrics, which we evaluate against industry best practices in a global context and employ continuous improvement principles to ensure we remain ahead in our market.



TERRA is the Sylvania Group's initiative focused on sustainable lighting solutions, launched in response to the urgent need to address climate change and environmental issues. The Terra collection emphasises reducing ecological impact and promoting responsible consumption through innovative and efficient designs. It features eco-friendly manufacturing processes, using recycled materials and minimising waste. TERRA also upholds high durability and reliability standards, contributing to a circular economy by conserving and reusing resources. This initiative reflects Sylvania Group's commitment to sustainability and environmental consciousness in lighting products.



Our sustainable management performance is above 93% of the market, with 74 points obtained in the last assessment. Additionally, in line with our high ambitions and our SBTi commitment, we are dedicated to limiting global temperature rise to 1.5°C.



Made in Europe

Our heritage as a leading manufacturer of quality lighting solutions dates back more than 100 years and we are proud of our European production history. With manufacturing located in France and Germany and R&D facilities in Belgium, we can design, develop, and produce innovative lighting solutions and deliver them to market with pace and agility whilst significantly reducing our carbon footprint. Our European facilities are ISO9001, ISO14001, and ISO50001 certified, underlining our alignment with the principles of responsible manufacturing, and our continued commitment to reducing emissions and managing our waste.

Technology plays a critical role in increasing energy efficiency while enhancing luminaire performance and our comprehensive portfolio contains an extensive range of lighting solutions manufactured to the highest quality standards that offer extended lifetimes. We take responsibility for managing the full life cycle of products and have plans to embrace the principles of the circular economy in our approach to sustainability on future product development projects. Placing greater emphasis on product design helps us proactively reduce emissions and manage waste. The interchangeable components of some of our products increases their lifecycle and makes them in-line with our circular economy approach.

Sylvania's ESG pledge by 2030



To become a net-zero emissions company



To electrify our company car fleet



To become the circularity role model in the industry



"We have a clear commitment as a business: to be a leader and role model not just in lighting solutions but globally as a business that prioritises sustainability in our business operations. We are focused on being recognised as Climate Champions not just by policies but by activities that make a positive and sustained difference to our carbon and environmental footprint. But also we are deeply passionate about our staff and partners throughout the supply chain and that they are treated fairly, with decency and in line with global and local standards. Sylvania Group lives and breathes our ESG values, and we want that to be clear in all of our products and services that we deliver to our customers"

Enrique Castaño - Sustainability Manager EMEA

Discover new products



OptiClip Terra
page 47



Panel IP65 CR
page 53



Quantum
page 55



Otao Linear
page 77



Areum Floor
page 81



Areum Wall
page 105



Nilo
page 111



Beacon Muse (new)
page 115



Beacon Muse Tune (new)
page 117



Beacon (New)
page 119



Pixo Zoom
page 133



Pixo
page 135

New products



Raxa
page 137



Lytespan
page 141



RetrunKit
page 151

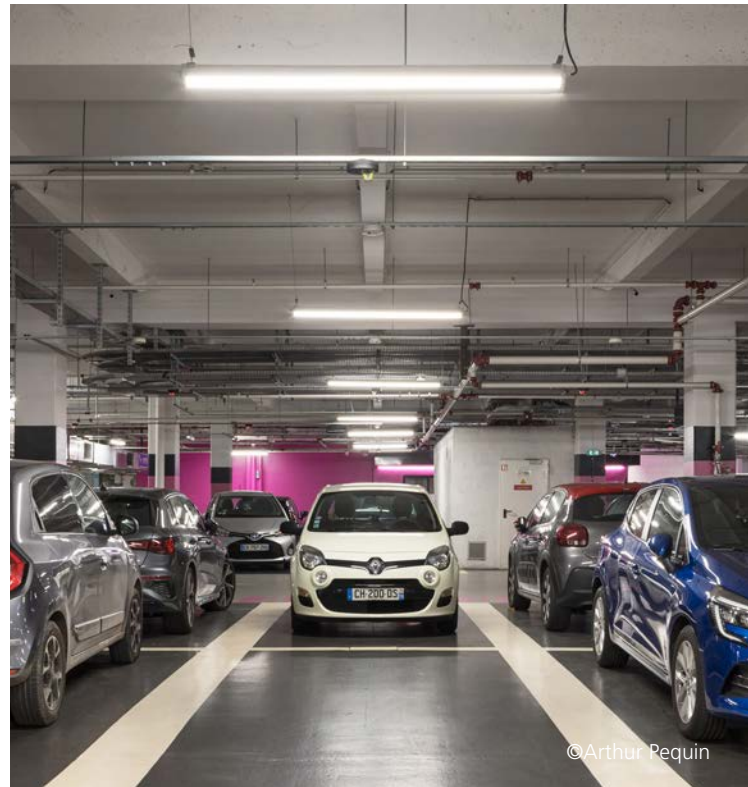


Kalani
page 169



Inverto
page 175





©Arthur Pequin

The START™ range consists of functional LED products designed to illuminate commercial, industrial and residential areas.

They guarantee **efficiency, functionality and reliability**.

Ideal for large-scale installations, the START™ range adapts to all environments, offering a variety of luminaires with both dimming and intelligent sensors for better lighting control.

Check out some of our START™ products by scanning the QR codes below.



START™ Panel



START™ Waterproof Slim



START™ Highbay



START™ Spot



START™ Downlight IP54



START™ Surface IP66

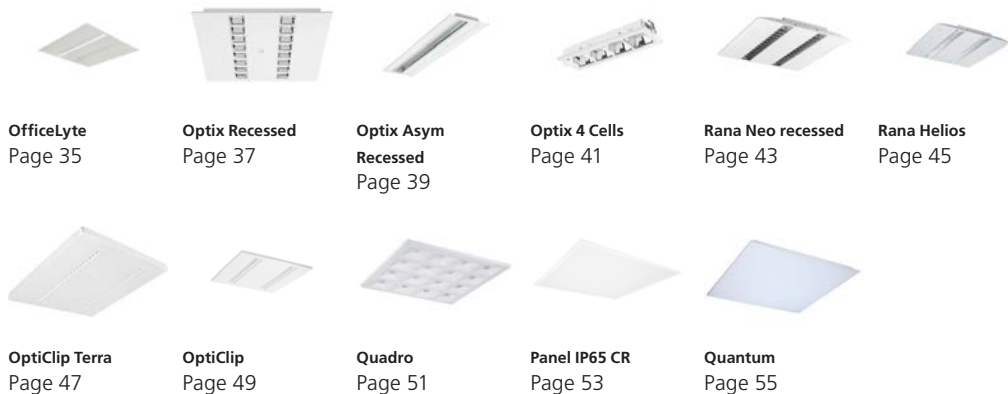


START™ Flood IP65



PRODUCT CATEGORIES

Recessed Modular



Surface & Suspended



Linear



Free-standing



Downlights



PRODUCT CATEGORIES

Recessed Spotlights



Ludospot 111
Page 93



Obico
Page 95

Flexible systems



Flex Pro
Page 99

Surface wall & ceiling



Giotto
Page 103



Areum Wall
Page 105

Decorative pendants



Colossal
Page 109



Nilo
Page 111

Tracklights and Tracks 1/2



Beacon Muse (new)
Page 115



Beacon Muse Tune (new)
Page 117



Beacon (New)
Page 119



Beacon LED XL Muse
Page 121



Beacon LED Projector
Page 123



Beacon LED XL
Page 125



Beacon LED XXL
Page 127



Beacon Accent XL
Page 129



Beacon LED Wallwash
Page 131

PRODUCT CATEGORIES

Tracklights and Tracks 2/2



Pixo Zoom
Page 133



Pixo
Page 135



Raxa
Page 137



Pixo Line
Page 139



Lytespan
Page 141



Onetrack
Page 143

Trunking systems



Isoline
Page 147



RTS
Page 149



RetrunKit
Page 151

Weatherproof



Resisto
Page 155



Resisto GRP
Page 157



WaterproofEX
Page

Highbays



Rocks
Page 161



Sylvania Granit®
Page 163



SportsBay
Page 165

Floodlights



Kalani
Page 169

Road & Post Top



Zephyr
Page 171

Landscape



Inverto
Page 175



Muro
Page 177



Interrata
Page 179

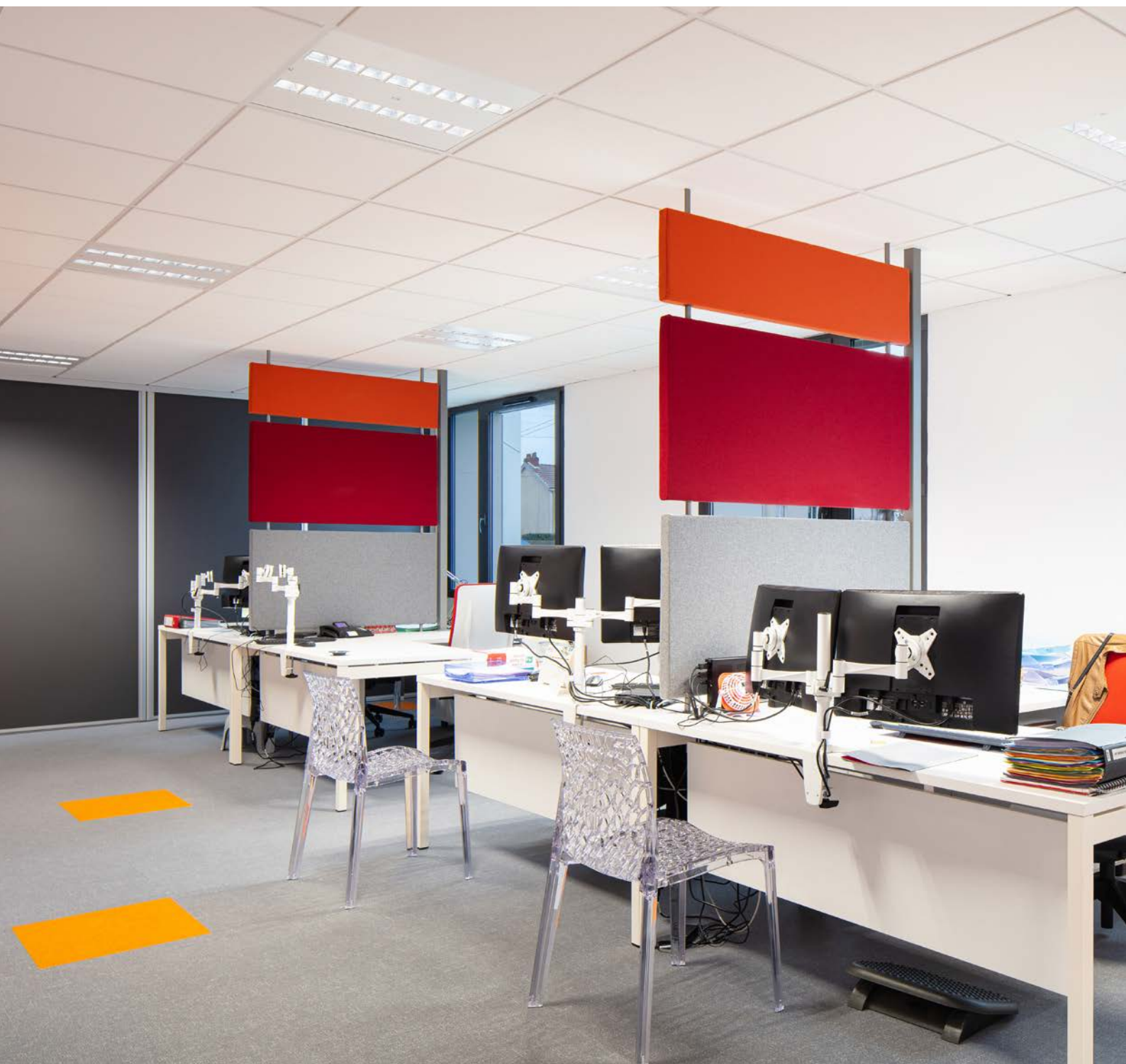
Emergency



LiFeSafe™
Page 183



Find your lighting inspiration!





Recessed Modular

Concord



Comfort light $UGR \leq 19$

High efficacy

European manufacturing

OfficeLyte



The design of OfficeLyte is perfect for office, education and meeting rooms, with a lumen output up to 4400lm and efficiency up to 140lm/W. Visual comfort is an important factor when deciding upon your lighting scheme and our range conforms to EN12464-1 for indoor workplaces and all models are UGR<19 compliant almost eliminating glare within the office environment. It is characterised

by direct/indirect light for illuminance on faces and walls to encourage a comfortable, communicative working environment. OfficeLyte is also highly energy efficient with certain models featuring SylSmart® technology bringing yet even further savings on top of those already achieved with LED alone.

Recessed Modular



Finish
White

Colour temp
4000K

Fixture power
From 24 to 37W

CRI
80 and 90

Luminous flux
From 3.150 to 4.400lm

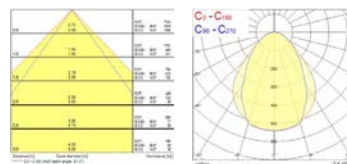
Dimmable
Yes

Efficacy
Up to 140lm/W

Control technology
DALI, SylSmart® Connected

Beam angle
87°

Average rated life
93,000 hrs (L80B50)



Discover the full range
at sylvania-group.com

Concord

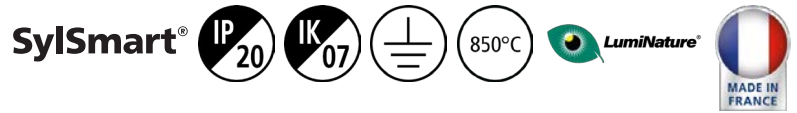


One of the best comfort lights with luminance $< 200 \text{ Cd/m}^2$ at 65°

Human Centric Lighting enabled

European manufacturing

Optix Recessed



Optix Recessed is a flagship luminaire family of our office and education portfolio. Combining high performance glare-controlled optics (UGR<16) with state of the art highly efficient LEDs and wide variety of control options, Optix Recessed offers the perfect lighting solution for office, education and seminar room environments. The aluminium optics offer a luminance<200 Cd/m2 at 65° which is quite unique on the market.

In an effort to appreciate human health and well being, and as a result of the continuous evolution of the range, Optix Recessed now

brings you a new era in office lighting by recreating sunlight. Combining the innovation of Sylvania LumiNature® with SylSmart® technology Optix Recessed gives you one of the most natural, artificial lights in human centric lighting. Keeping in mind that modern offices should be connected to both broader business drivers and the people within it, Concord Optix Recessed continues to be available with our SylSmart® Connected and SylSmart® Standalone control options.

Recessed Modular



Finish
White

Colour temp
3000K, 4000K and TW

Fixture power
From 19,5 to 46W

CRI
80, 90, 95, 98

Luminous flux
From 2.780 to 4.500lm

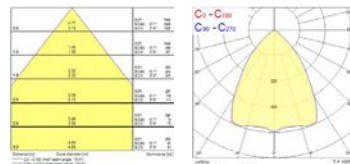
Dimmable
Yes

Efficacy
Up to 147lm/W

Control technology
DALI, SylSmart® Standalone, SylSmart® Connected

Beam angle
NA

Average rated life
100,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

Concord



Very discreet design

Control range

European manufacturing

Optix Asym Recessed



Asymmetric version of the Optix ceiling recessed mounted family. Perfect combination of Concord Optix product design, aluminium reflector and MicroPrismatic optical unit. Ideal for wall and blackboard illumination.

Recessed Modular



Finish
White

Fixture power
From 30 to 31W

Luminous flux
From 3.380 to 3.480lm

Efficacy
Up to 116lm/W

Beam angle
NA

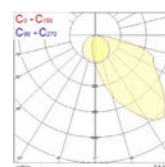
Colour temp
3000K and 4000K

CRI
80

Dimmable
Yes

Control technology
DALI, SylSmart® Standalone

Average rated life
100,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

Concord

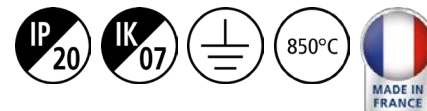


Comfort light $UGR \leq 19$

Customizable and sustainable

European manufacturing

Optix 4 Cells



Optix 4cells is a member of the Optix recessed family. The luminaire offers a perfect combination of the high performance glare-controlled optics (aluminised optic provides UGR<19) and the optimized diffusers and reflectors in a small and compact design. Optix 4cells provides customers with the opportunity to use the well known Optix lighting scheme in smaller offices and corridor areas

Recessed Modular



Finish
White

Fixture power
8,5W

Luminous flux
From 962 to 1.010lm

Efficacy
Up to 119lm/W

Beam angle
NA

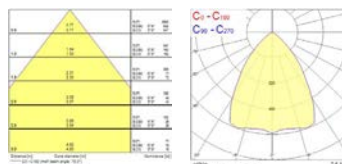
Colour temp
3000K and 4000K

CRI
80

Dimmable
Yes

Control technology
DALI

Average rated life
96,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

Concord



Visual comfort luminance <math><600 \text{ Cd/m}^2</math> at

High efficacy

European manufacturing

Rana Neo recessed



RANA NEO Recessed is a luminaire designed to enhance the quality of light in working areas such as offices, schools and circulation areas. The range offers perfect illumination at low glare level (UGR<19) without visible light source thanks to the combination of Louvre and MPO optic. The low flicker light engines deliver long service life. The range features a total system efficacy up to 125lm/W dependent on configuration. The range is available with symmetric light distributions. The

SylSmart® Connected and SylSmart® Standalone enabled RANA NEO Recessed luminaires deliver advanced lighting control solution to help you maximise energy savings and user comfort without the drawbacks of traditional lighting control systems. This wireless and central controller free system is aimed to make lighting controls simple for smaller applications such as meeting rooms, classrooms and corridors. Easy to install, easy to program. Maximum control, minimum installation.

Recessed Modular



Finish
White

Colour temp
3000K and 4000K

Fixture power
From 30 to 33W

CRI
80

Luminous flux
From 3.350 to 3.761lm

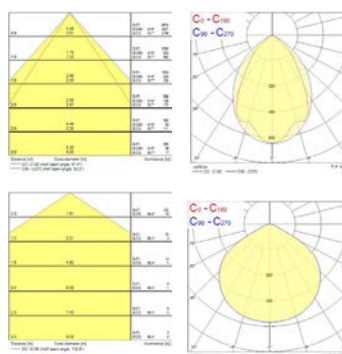
Dimmable
Yes

Efficacy
Up to 125lm/W

Control technology
DALI, SylSmart® Standalone, SylSmart® Connected

Beam angle
NA

Average rated life
96,000 hrs (L80B20)



Discover the full range
at sylvania-group.com



Circular Economy concept with innovative LED T5 tubes

Comfort light $UGR \leq 19$

Optimal light distribution

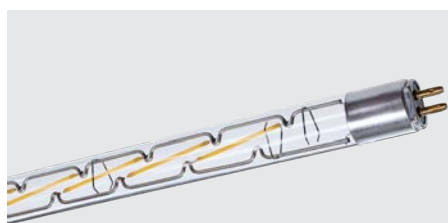
Rana Helios



Rana Helios recessed is the first range in our portfolio designed around the concept of circular economy. The combination of omni-directional 270° radiation tubes and the luminaire's parabolic mirror louvres result in optimal light distribution and excellent glare control ideal for office and education environment. Rana Helios can offer a perfect solution for those conscious users who are looking for the latest LED technology and

want to reduce their economical footprint on our environment. The heart of the luminaire is the long lifetime, highly efficient, upgradeable and replaceable Helios T5 LED tubes, the unique linear LED lamps exclusive to Sylvania. Thanks to the Helios T5 design Rana can provide high degree of flexibility: special spectra and high CRI options. Due to the standardised caps, the lamp replacement is simple and quick.

Recessed Modular



Helios: an exclusive technology from Sylvania
 The Helios T5 LED tubes are a completely new class of linear LED light sources with exceptionally high system performance. With the development of Helios, Sylvania has fundamentally changed the design of a linear lamp. This involved switching from LED emitters to gas-cooled LED filaments

Finish
White

Colour temp
4000K

Fixture power
From 22 to 31W

CRI
85

Luminous flux
From 3.100 to 4.500lm

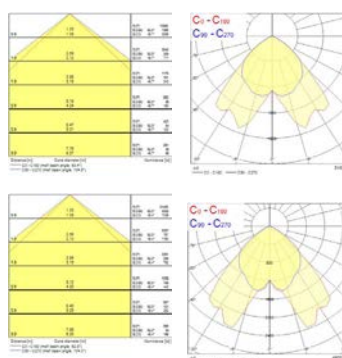
Dimmable
Yes

Efficacy
Up to 145lm/W

Control technology
DALI

Beam angle
46°

Average rated life
50,000 hrs (L80B50)



Discover the full range
at sylvania-group.com



Sustainable with paper made frame

Sustainable with replaceable light engines

Comfort light $UGR \leq 16$

In the age of sustainability and innovative design OptiClip Terra is the first luminaire made of 80% of paper. This renewable resource, significantly reduces the carbon footprint associated with traditional lighting materials like plastic and metal. The production process is also energy-efficient, further minimizing environmental impact. When OptiClip Terra reaches the end of its life cycle, its paper part can be easily recycled or composted, ensuring a minimal environmental footprint. Of course, OptiClip Terra is first and foremost a luminaire: it can be cleaned and is resistant to fire

and humidity.

To go even further in terms of sustainability, the OptiClip Terra is designed around the removable and interchangeable light engines set flat on the surface of the fixture, connected with a plug & play cable to the driver.

The combination of the high lumen LED and special lens provides high efficacy and uniform light output while due to the glare control (UGR < 16). OptiClip is suitable for workstations like offices, conference rooms, classrooms.

Recessed Modular



Finish
White

Colour temp
3000K and 4000K

Fixture power
From 26 to 27W

CRI
80

Luminous flux
From 1.800 to 4.700lm

Dimmable
Yes

Efficacy
Up to 142lm/W

Control technology
DALI, SylSmart® Connected

Beam angle
75°

Average rated life
100,000 hrs (L80B10)

Discover the full range
at sylvania-group.com

SYLVANIA

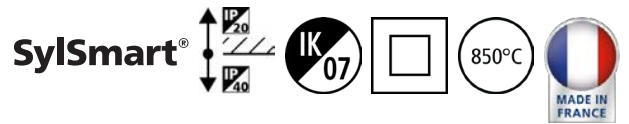


Sustainable with replaceable light engines

High efficacy Up to 142lm/W

Comfort light $UGR \leq 16$

OptiClip



OptiClip is a LED luminaire range enabling almost the complete spectrum of lighting tasks in offices or educational environments. The product is designed around the removable and interchangeable light engines set flat on the surface of the fixture, connected with a plug & play cable to the driver. The product is designed around the removable and interchangeable light engines set flat on the surface of the fixture, connected with a plug & play cable to the driver. This solution offers extremely high flexibility and versatility on customising

the customers' favourite lighting solutions and saves maintenance costs if substantial. The combination of the high lumen LED and special lens provides high efficacy and uniform light output while due to the glare control (UGR < 16) OptiClip is suitable for workstations like offices, conference rooms, classrooms. The light engines are available in warm white (3000K) and neutral white (4000K), with colour rendering index (CRI) Ra > 80 or Ra > 90.

Recessed Modular



Finish
White

Colour temp
3000K and 4000K

Fixture power
From 15,5 to 34W

CRI
80 and 90

Luminous flux
From 1.800 to 4.700lm

Dimmable
Yes

Efficacy
Up to 142lm/W

Control technology
DALI, SylSmart® Standalone, SylSmart® Connected

Beam angle
75°

Average rated life
100,000 hrs (L80B10)

Discover the full range
at sylvania-group.com

SYLVANIA

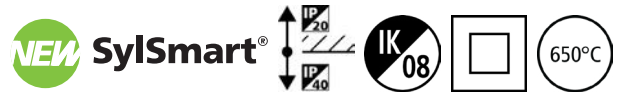


Very comfort light with UGR14-16 & luminance <math>< 1000 \text{ Cd/m}^2</math> at

Adjustable lumen output from 2100-4650lm

High efficacy up to 153lm/W

Quadro



Quadro is a unique range of recessed architectural panels suitable for lighting applications where comfort light is extremely important. Quadro is ideal for offices, technical departments, meeting rooms, classrooms and other general indoor lighting applications. Quadro is a unique range of recessed architectural panels with low glare of UGR<16. Its peerless design creates a particular setting while it performs high efficacy up to 153lm/W.

The range features multipower functionality where the luminous flux of the luminaire can be tailored

to local needs during installation by only setting a quick selector switch. The range includes 600x600, 625x625 and 1200x300 mm modules. Multipower and DALI versions are available for additional comfort and energy saving.

Recessed Modular



Finish
White

Colour temp
3000K and 4000K

Fixture power
From 15 to 34W

CRI
80

Luminous flux
From 2.100 to 4.650lm

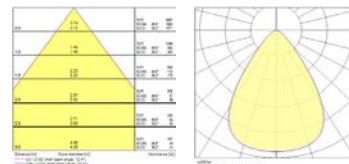
Dimmable
Yes

Efficacy
Up to 153lm/W

Control technology
DALI, SylSmart® Connected

Beam angle
75°

Average rated life
88,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

SYLVANIA



Cleanroom compliant

Highly resistant (IP65)

High visual comfort

Panel IP65 CleanRoom



LiteGuard™

The Panel IP65 CR is designed for optimal water and dust resistance, and it is certified compliant for cleanrooms. This new LED panel adapts to the most common installation requirements in the healthcare sector (hospitals, laboratories), the catering industry (professional kitchens), and more. It offers excellent waterproofing with an IP65 rating (top and bottom). It is certified for use in cleanrooms, Class 3 - 9, according to ISO 14644-1:2015.

The polystyrene diffuser is resistant to detergents containing hydrogen peroxide or chlorinated alkalis. It provides excellent color rendering with a CRI90, recommended for consulting rooms. The panel ensures uniform light distribution through backlit technology and a prismatic diffuser. It also offers low glare with a UGR<19. The panel has a low profile of 34mm and is available in three sizes: 600x600mm, 625x625mm, and 1200x300mm.

Recessed Modular



Finish
White

Colour temp
4000K

Fixture power
From 36 to 45W

CRI
80 and 90

Luminous flux
From 4.300 to 4.400lm

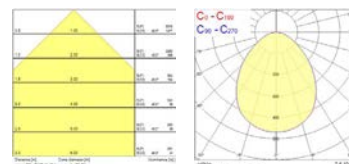
Dimmable
Yes

Efficacy
Up to 122lm/W

Control technology
DALI

Beam angle
100°

Average rated life
83,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

SYLVANIA



High efficacy

High visual comfort

Durable

Quantum



Quantum is a highly efficient range of LED panel luminaires, ideal for offices, meeting rooms, corridors, breakout areas and other general indoor lighting applications including humid areas. The range features a high IP54 degree of protection on the front side and a Multipower functionality where the luminous flux of the luminaire can be tailored to local needs during installation by only setting a quick selector switch. The range includes 600x600mm, 625x625mm, 1200x300mm, and 1200x600mm modules to meet the most common installation

applications. It also includes a microprismatic diffuser for low glare and a low UGR 19 value. It has a slim size with a maximum total height of 35mm, and with a driver, it measures 65mm (DALI) or 67mm (Multipower). The options of Multipower, DALI, and CRI90 create a wide choice for customers. The product offers high efficacy of up to 161lm/W and delivers up to 6000 lumens (1200x600mm). It is available in Neutral White (4000K) and Warm White (3000K).

Recessed Modular



Finish
White

Colour temp
3000K and 4000K

Fixture power
From 22 to 35W

CRI
80 and 90

Luminous flux
From 3.200 to 6.000lm

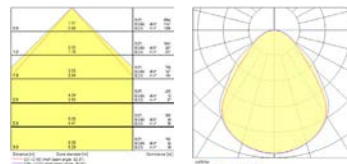
Dimmable
Yes

Efficacy
Up to 161lm/W

Control technology
DALI

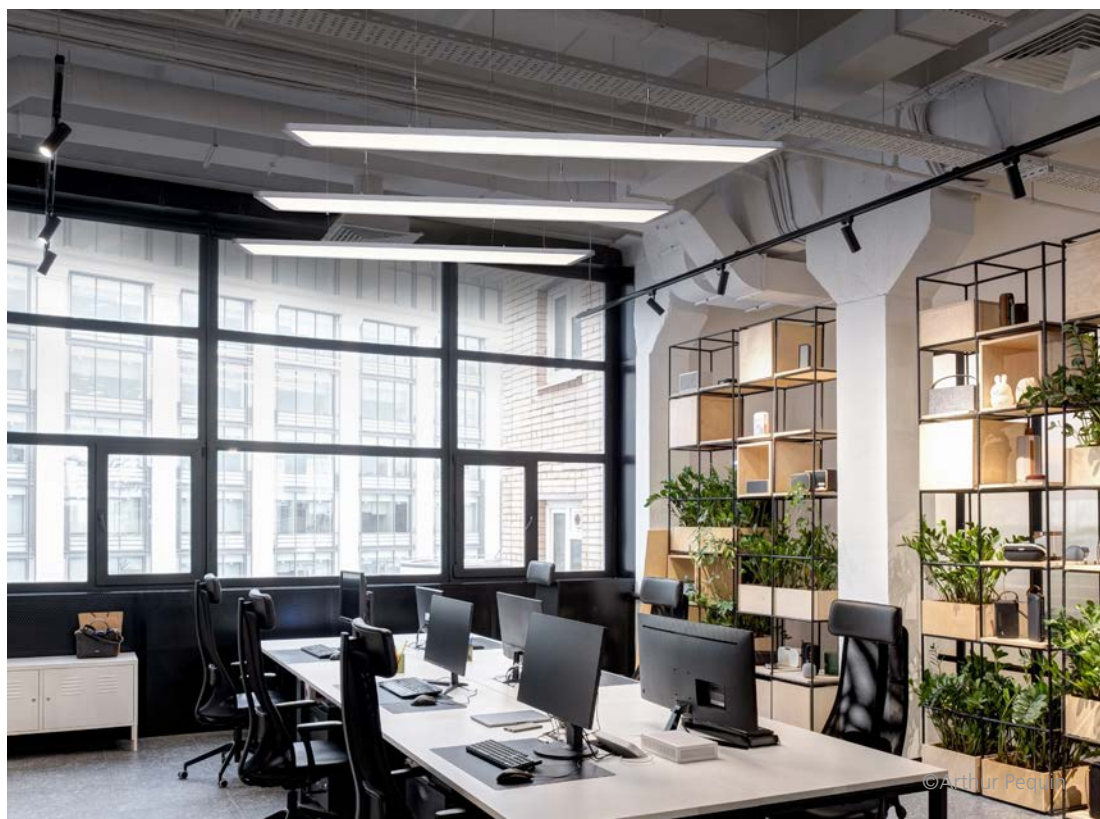
Beam angle
85°

Average rated life
100,000 hrs (L80B20)



Discover the full range
at sylvania-group.com





Surface & Suspended

Concord

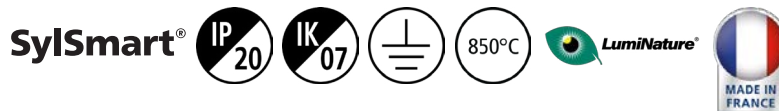


Very high efficacy

High visual comfort (UGR \leq 16)

European manufacturing

Optix Surface & Suspended



Optix Surface & Suspended is part of the Optix flagship luminaire family of our office and education portfolio. Combining high performance glare-controlled optics (UGR<16) with state of the art highly efficient LEDs and wide variety of control options, Optix Surface & Suspended offers the perfect lighting solution for office, education and seminar room environments. The aluminium optics versions offer a luminance <math><200\text{ Cd/m}^2</math> at

evolution of the range, Optix Surface & Suspended now brings you a new era in office lighting by recreating sunlight. Combining the innovation of Sylvania LumiNature® with SylSmart® technology Optix Surface & Suspended gives you one of the most natural, artificial lights in human centric lighting. Keeping in mind that modern offices should be connected to both broader business drivers and the people within it, Optix Surface & Suspended continues to be available with our SylSmart® Connected and SylSmart® Standalone control options.

Surface & Suspended



Finish
White

Colour temp
3000K, 4000K and TW

Fixture power
From 24,5 to 47W

CRI
80, 90, 95, 98

Luminous flux
From 3.200 to 7.000lm

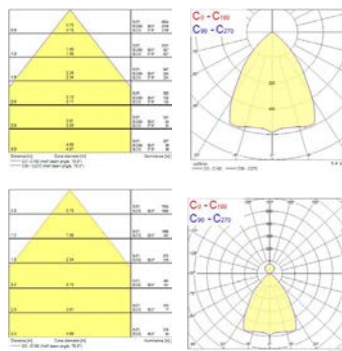
Dimmable
Yes

Efficacy
Up to 165lm/W

Control technology
DALI, SylSmart® Standalone, SylSmart® Connected

Beam angle
NA

Average rated life
100,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

Concord



Comfort light $UGR \leq 19$

High efficacy

European manufacturing

Optix MPO Surface & Suspended



The Optix MPO range is initially developed for education and seminar room environments where minimalist, robust body design is required with high performance glare controlled illumination. The practical Micro Prismatic diffuser can provide optimal glare control. The Direct/Indirect version can be mounted with suspension cable which is

delivered with the luminaire. The smooth light emission surface creates especially pleasant and glare-free light in accordance with UGR19, for the standard compliant illumination of workstations. By installing the luminaire users can also get excellent light output and visual performance.

Surface & Suspended



Finish
White

Colour temp
3000K and 4000K

Fixture power
From 23 to 51W

CRI
80

Luminous flux
From 2.863 to 6.650lm

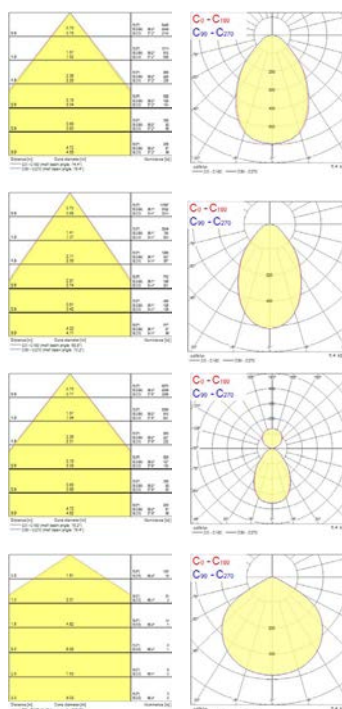
Dimmable
Yes

Efficacy
Up to 136lm/W

Control technology
DALI, SylSmart® Standalone, SylSmart® Connected (1500mm version)

Beam angle
NA

Average rated life
100,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

Concord



Very discreet design

Control range

European manufacturing

Optix Asym Surface



Asymmetric version of the Optix ceiling surface mounted family. Perfect combination of Optix product design, aluminium reflector and Micro Prismatic optical unit. Ideal for wall and blackboard illumination

Surface & Suspended



Finish
White

Colour temp
3000K and 4000K

Fixture power
From 30 to 38W

CRI
80

Luminous flux
From 3.380 to 4.250lm

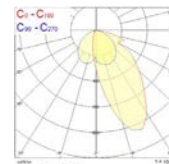
Dimmable
Yes

Efficacy
Up to 116lm/W

Control technology
DALI, SylSmart® Standalone

Beam angle
NA

Average rated life
100,000 hrs (L80B20)



Discover the full range
at sylvania-group.com



Visual comfort luminance $< 600 \text{ Cd/m}^2$ at 65° and $\text{UGR} \leq 19$

High efficacy

European manufacturing

Rana Neo Surface & Suspended



RANA NEO Surface & Suspended is a luminaire designed to enhance the quality of light in working areas such as offices, schools and circulation areas. The range offers perfect illumination at low glare level (UGR<19) without visible light source thanks to the combination of Louvre and MPO optic. The low flicker light engines deliver long service life. The range features a total system efficacy up to 135lm/W dependent on configuration. The range is available with symmetric light distributions. The SylSmart® Connected and SylSmart® Standalone

enabled RANA NEO Surface & Suspended luminaires deliver advanced lighting control solution to help you maximise energy savings and user comfort without the drawbacks of traditional lighting control systems. This wireless and central controller free system is aimed to make lighting controls simple for smaller applications such as meeting rooms, classrooms and corridors. Easy to install, easy to program. Maximum control, minimum installation.

Surface & Suspended



Finish
White

Colour temp
3000K and 4000K

Fixture power
From 29 to 73W

CRI
80

Luminous flux
From 3.300 to 9.500lm

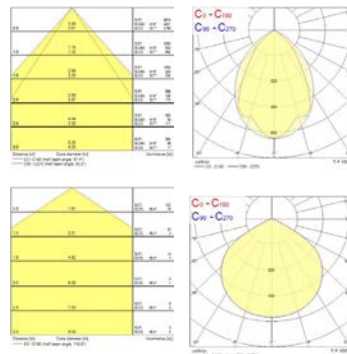
Dimmable
Yes

Efficacy
Up to 135lm/W

Control technology
DALI, SylSmart® Standalone, SylSmart® Connected

Beam angle
NA

Average rated life
96,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

SYLVANIA

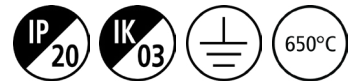


High visual comfort

Elegant & discreet design

Direct/Indirect distribution

Areum Suspended



Suspended luminaire family of slim design with direct/indirect light distribution. The combination of the flat profile and the hidden electrical cable creates an illusory floating light effect offering an elegant solution to all office applications. It comes in two lengths, 1200mm and 1500mm, depending on the required flux level. A metallic external driver box, which can be mounted on the ceiling surface, ensures easy maintenance. The profile is powered

through a suspension cable for easy installation and minimal visual impact. It offers standard luminous flux levels of 5,150 and 7,000lm, which can be manually adjusted via a non-dimmable driver DIP switch to meet the desired light level. The light distribution ratio is 70/30% direct/indirect. This profile is ideal for office areas, maintaining a UGR of ≤ 19 , and is suitable for environments with computer screens in accordance with EN 12464-1.

Surface & Suspended



Finish
White and Grey

Colour temp
4000K

Fixture power
From 40 to 59W

CRI
80

Luminous flux
From 5.150 to 7.000lm

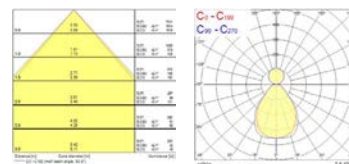
Dimmable
Yes

Efficacy
Up to 129lm/W

Control technology
DALI, SylSmart® Standalone, SylSmart® Connected

Beam angle
84°

Average rated life
76,000 hrs (L80B50)



Discover the full range
at sylvania-group.com

SYLVANIA



Versatility

Wide range

Easy installation

DeltaWing



Deltawing is a surface mounted luminaire range for extensive use. Its uniform light distribution combined with a slim but robust design makes it the perfect solution for a wide range of applications including circulation areas of educational premises, healthcare applications, office buildings and storage facilities. Suitable for surface, wall, cable wire and suspended mounting.

The family is available in two dimensions, variable lumen outputs and high performance. Due to the DIP switch option the flux level can be manually set up from 2,650lm up to 4,600lm (4000K & 1200mm) and from 4,300 to 7,400lm (4000K & 1500mm) and up to 135lm/W system efficacy level.

The curved-profile fixtures end in polycarbonate caps. The smooth polycarbonate extruded diffuser provides high efficiency, the precision prisms are designed to optimise light output.

Deltawing offers non-dimmable, DALI, SylSmart® Standalone and integrated Microwave sensed options with corridor function. The integrated Microwave sensor mounted discretely behind the diffuser helps further to reduce energy costs. Easy installation with removable diffuser, three terminals for through wiring. The luminaires are sold with surface mounting brackets.

Surface & Suspended



Finish
White

Colour temp
3000K and 4000K

Fixture power
From 31 to 58W

CRI
80

Luminous flux
From 2.700 to 7.400lm

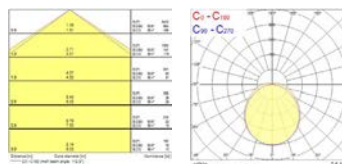
Dimmable
Yes

Efficacy
Up to 135lm/W

Control technology
DALI, SylSmart® Standalone, Microwave sensor

Beam angle
120°

Average rated life
80,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

SYLVANIA



High colour rendering index

Versatile

European manufacturing

Sylmaster led



Sylmaster T8 LED is a range of traditional ceiling mounted fixtures equipped with one or two ToLEDo T8 tubes, suitable for basic office and educational applications. Its ceiling surface mounting (and pendant with accessories) makes the Sylmaster T8 a highly suitable range to be used in various applications like in schools and medical centers, for storage rooms, corridors and staircases.

Surface & Suspended



Finish
White

Fixture power
From 18 to 48W

Luminous flux
From 4.350 to 5.750lm

Efficacy
Up to 131lm/W

Beam angle
90°

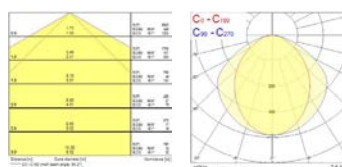
Colour temp
4000K

CRI
80

Dimmable
No

Control technology

Average rated life
75,000 hrs (L70B50)



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SYLVANIA



Fully customisable

Different mounting options

2 diffusor options

Mini Continuum II



Mini Continuum II is a uniquely clean, simple LED lighting system offering continuous, highly uniform lines of light across walls and ceilings. It is a highly versatile lighting tool that can be recessed, semi-recessed, surface mounted or suspended, either vertically or horizontally. Mini Continuum II is the ideal solution for offices, meeting rooms, corridors, education facilities, museums and libraries. Available as direct/indirect or direct only distribution

- both of which can be interconnected. Every batten has a plug and socket arrangement for easy and rapid electrical installation. Mini Continuum II Direct is available in two versions: one with an outside trim detail for plasterboard ceilings; and a trimless version for when a seamless effect is required. Dimmable DALI versions and 3 hour non-maintained integral emergency options are available as standard options.

Linear



Finish
White

Colour temp
3000K and 4000K

Fixture power
From 18 to 59W

CRI
80

Luminous flux
From 2.300 to 8.100lm

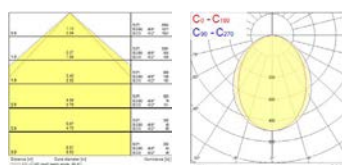
Dimmable
Yes

Efficacy
Up to 140lm/W

Control technology
DALI

Beam angle
NA

Average rated life
92,500 hrs (L80B20)



Discover the full range
at sylvania-group.com

Concord



Comfort light with a luminance $< 800 \text{ Cd/m}^2$ at 65° and $\text{UGR} \leq 19$

Human Centric Lighting enabled

European manufacturing

Optix Linear Recessed, Surface & Suspended



Linear

Optix Linear Surface & Suspended is part of the Optix flagship luminaire family of our office and education portfolio, combining high performance glare-controlled optics with state of the art highly efficient LEDs and wide variety of control options. Ideal for fatigue-free screen work and visual comfort for occupants of commercial buildings in accordance with the recommendations of standard EN 12 464-1. Available in direct or direct/indirect (D/I at 70/30%) lighting versions.

In an effort to appreciate human health and well being, and as a result of the continuous

evolution of the range, Optix Surface & Suspended now brings you a new era in office lighting by recreating sunlight. Combining the innovation of Sylvania LumiNature® with SylSmart® technology Optix Surface & Suspended gives you one of the most natural, artificial lights in human centric lighting. Keeping in mind that modern offices should be connected to both broader business drivers and the people within it, Concord Optix Surface & Suspended continues to be available with our SylSmart® Connected and SylSmart® Standalone control options.



Finish
White

Fixture power
From 21 to 39W

Luminous flux
From 2.200 to 4.500lm

Efficacy
Up to 155lm/W

Beam angle
NA

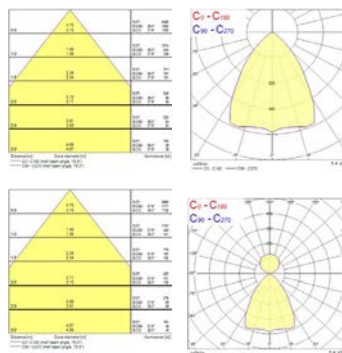
Colour temp
3000K, 4000K and TW

CRI
80, 90, 95, 98

Dimmable
Yes

Control technology
DALI, SylSmart® Standalone, SylSmart® Connected

Average rated life
100,000 hrs (L80B20)



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SYLVANIA



Mounting options

Three different optics

Versatile application

Otao Linear



The Otao Linear is the Sylvania's new proposal to those customers who looks for a sleek, modular LED lighting system designed for offices or retail environments. Depending on the application this highly adaptable solution can be mounted either standalone or as a continuous, uniform line of light. The product can be mounted in several ways: ceiling and wall surface-mounted, suspended or ceiling recessed, making it a versatile choice for any design need. The modularity of the product is almost endless, only the user's imagination can set the limits. The choices like easy switch between colour

temperatures, the manually adjustable light output, the standalone or continuous line mounting option or the easy upgrade of the luminaire via indirect module to create direct/indirect light distribution are only few on the long list of the product's features.

All versions are finished in elegant white, ensuring a clean, modern aesthetic that complements any interior design. With its high efficacy of up to 145lm/W, impressive lifespan over 100,000 hours at L80B50 and reliable performance certified by ENEC, the Otao Linear is the perfect choice for those seeking efficient and stylish lighting solutions.

Linear



Finish
White

Colour temp
3000K and 4000K

Fixture power
From 24 to 39W

CRI
80

Luminous flux
From 3.100 to 5.050lm

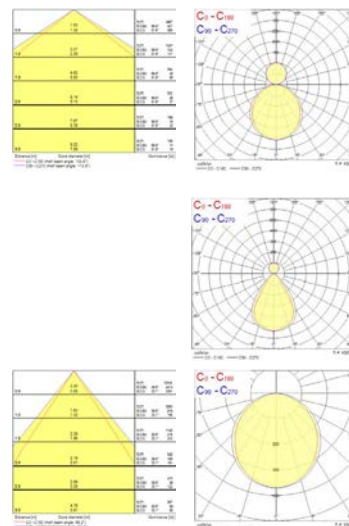
Dimmable
Yes

Efficacy
Up to 145lm/W

Control technology
DALI

Beam angle
110°

Average rated life
100,000 hrs (L80B50)



Discover the full range
at sylvania-group.com

SYLVANIA



Mounting options

Three different optics

European manufacturing

Rana Linear Recessed & Surface



RANA Linear is a slim, sleek and unobtrusive range of LED luminaires designed to fulfill a wide range of applications including educational environments, medical buildings, storage facilities, offices, data centres, long corridors and other circulation areas. RANA Linear offers the possibility to mix and match recessed and/or surface luminaires in a single lighting scheme. The range features 3 different

light distributions with 3 different optics: Opal diffuser (UGR<23), Micro Prismatic optic (UGR<21), and Louvre + Prismatic optic (UGR<19), ideal for Display Screen Equipment (DSE) workstations. RANA Linear can be remotely controlled with 1-10V or DALI (Switch-Dim) systems and also SylSmart® Connected and SylSmart® Standalone enabled.

Linear



Finish
White

Fixture power
From 27 to 35W

Luminous flux
From 2.890 to 3.300lm

Efficacy
Up to 120lm/W

Beam angle
NA

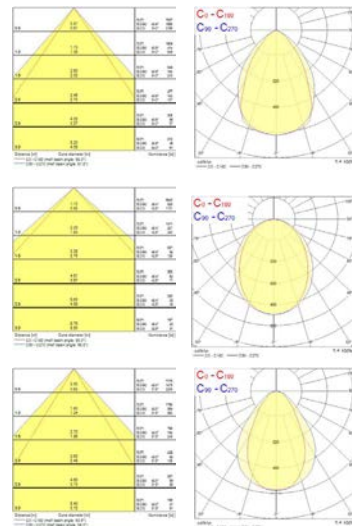
Colour temp
3000K, 4000K and TW (only Louvre and Prismatic)

CRI
80

Dimmable
Yes

Control technology
DALI, SylSmart® Standalone, SylSmart® Connected

Average rated life
60,000 hrs (L80B20)



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SYLVANIA



High visual comfort

Elegant & discreet design

Direct/Indirect distribution

Areum Floor



Free standing luminaire with direct /indirect light distribution. Rectangular luminaire head made of aluminium and rounded edges to create a single lighting scheme with suspended and wall mounted versions of the Areum family. The lighting head is made of a 40mm high aluminium profile with curved edges. It has head dimensions of 675x350mm and a pole height of 1950mm, giving it an overall height of 2m. Available with touch-dim or DALI+PIR sensor control options, its luminous

flux can reach up to 13,700lm, with the ability to control the up and down light levels separately in the touch-dim version. It has a 25/75% direct/ indirect light distribution ratio, making it ideal for office areas with a UGR ≤ 14 and environments with computer screens, in accordance with EN 12464-1. The LED colour consistency (initial MacAdam) between luminaires is ≤ 3 SDCM, and it offers an efficacy of up to 149lm/W at a CRI of 80 and 4000K.

Free-standing



Finish
White and Grey

Fixture power
From 92 to 94W

Luminous flux
13.700lm

Efficacy
Up to 149lm/W

Beam angle
360°

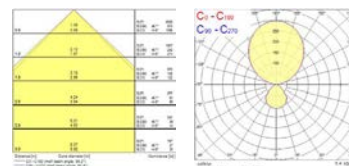
Colour temp
4000K

CRI
80

Dimmable
Yes

Control technology
DALI, PIR

Average rated life
68,000 hrs (L80B50)



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Downlights

Concord

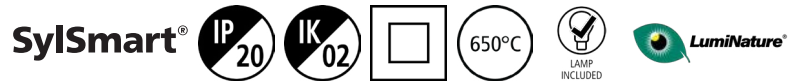


The new vision of downlight

Unique adjustable optic system

European manufacturing

Concord Equinox



Downlights

Equinox is an elegant and innovative luminaire designed using the latest optical technology. It is a high quality and efficient lighting solution for office, hospitality, and retail environments. The product has the ability to create an inspirational halo effect, regulated by a unique adjustable optic system which can be positioned according to the desired lighting ambience. The beautiful luminaire offers trim and trimless design options, low glare of UGR<19, high efficiency of up to 125lm/W with CRI90 LED chips for excellent colour rendering. Available in 3000K and 4000K. The trim version comes in black and

white housing colours. Equinox comes in one size of 165mm. The product comes with switch dim DALI drivers with loop in loop out function, SylSmart® Standalone and SylSmart® Connected version. For perfect light quality, LumiNature® models are available with high colour rendering of CRI97 in Human Centric Lighting Tunable White version (2700K-6500K) equipped with SylSmart® Standalone driver. Equinox is a winner of the Red Dot Design Awards 2023 in the Lighting Product Design category.



Finish
Black and White

Fixture power
From 20 to 25W

Luminous flux
From 1.925 to 2.500lm

Efficacy
Up to 125lm/W

Beam angle
64°

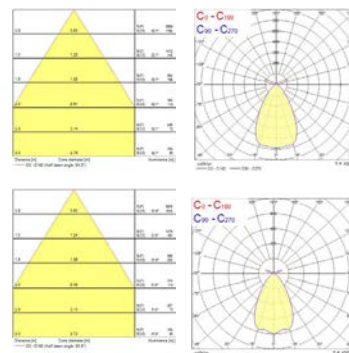
Colour temp
3000K-4000K and LumiNature® models HCL TW version 2700K-6500K

CRI
90 and 97

Dimmable
Yes

Control technology
DALI, SylSmart® Standalone, SylSmart® Connected

Average rated life
114,000 hrs (L80B20)



reddot winner 2023



Discover the full range at sylvania-group.com

Concord

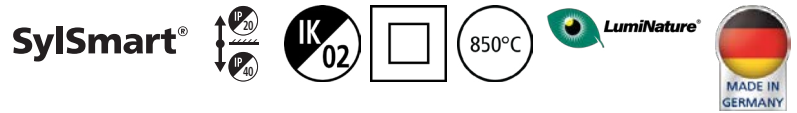


High visual comfort UGR19 & luminance until $<300 \text{ Cd/m}^2$ at 65°

High efficiency and energy saving

European manufacturing

Solstice



Solstice is a comprehensive downlights family, specially developed for the architectural specification market. With its minimalistic, yet distinguishable aesthetics, Concord Solstice offers a wide range of lighting design options in different sizes and shapes. The floating reflector and the unique style of the range can provide a signature look to any lighting design project in the Retail, Office, Education or Hospitality segments. The product family uses the latest Bridgelux high-efficiency LED chips, which guarantee superior quality and reliability. Its LumiNature® versions deliver a complete and balanced spectral distribution while eliminating the blue peak. Concord Solstice offers a wide range of lumen options, starting at 1000lm and reaching 6000lm. Due to the deep reflector design, Concord Solstice

has low glare light of UGR<19 for lumens lower than 2400lm with wide light distribution and beam angle of approximately 70 degrees. A double Wallwash version is also available.

The product is available in 3 body sizes - 150mm, 200mm and 250mm and two different shapes - round and square and with IP40 & IP65 protection rate. The range comes in two different heat sink colours (black and white) and five reflector colours (silver, white, black, gold and sandblast). Concord Solstice is available as a recessed luminaire, with surface mounted and pendant options to follow soon.

All versions of Concord Solstice can be controlled with either DALI (push-dim) or with SylSmart® drivers.

Downlights



Finish

Heat sink colours (White and Black) and reflector colours (Silver, White, Black, Gold and Sandblast)

Fixture power

From 15 to 46W

Luminous flux

From 1.000 to 6.050lm

Efficacy

Up to 142lm/W

Beam angle

70°

Colour temp

3000K-4000K and LumiNature® models HCL TW version 2700K-6500K

CRI

90 and 97

Dimmable

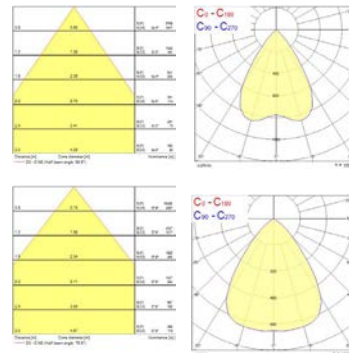
Yes

Control technology

DALI, SylSmart® Standalone, SylSmart® Connected

Average rated life

120,000 hrs (L80B10)



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Uniform and comfortable light $UGR \leq 19$

Good ingress protection

Multipower solution

Insaver



Insaver is a comprehensive range of downlights with lumen values from 620lm to 4950lm. The redesigned, patented lenses provide very good uniformity of light, bigger beam angle of 70 degrees and a wide light distribution curve. Insaver offers reduced glare of UGR<19 for lumens up to 3050lm, which makes it perfect for offices and education areas.

The high output versions of 2950-4950lm are perfect for commercial & hospitality environments. The range benefits from high efficacy: up to 132lm/W. The Insaver products have a long lifespan (88,000hrs L80B20) and 5-year warranty. PIR, DALI and SylSmart® Standalone options are also available.

Downlights



Finish
White

Colour temp
3000K and 4000K

Fixture power
From 4,9 to 41W

CRI
80 and 90

Luminous flux
From 620 to 4.950lm

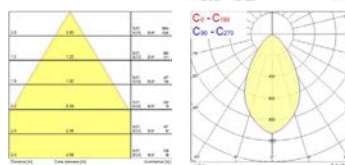
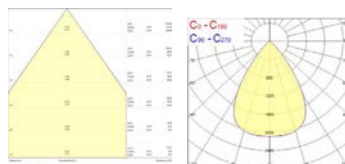
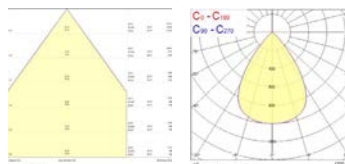
Dimmable
Yes

Efficacy
Up to 132lm/W

Control technology
PIR, DALI, Switch dim, SylSmart® Standalone

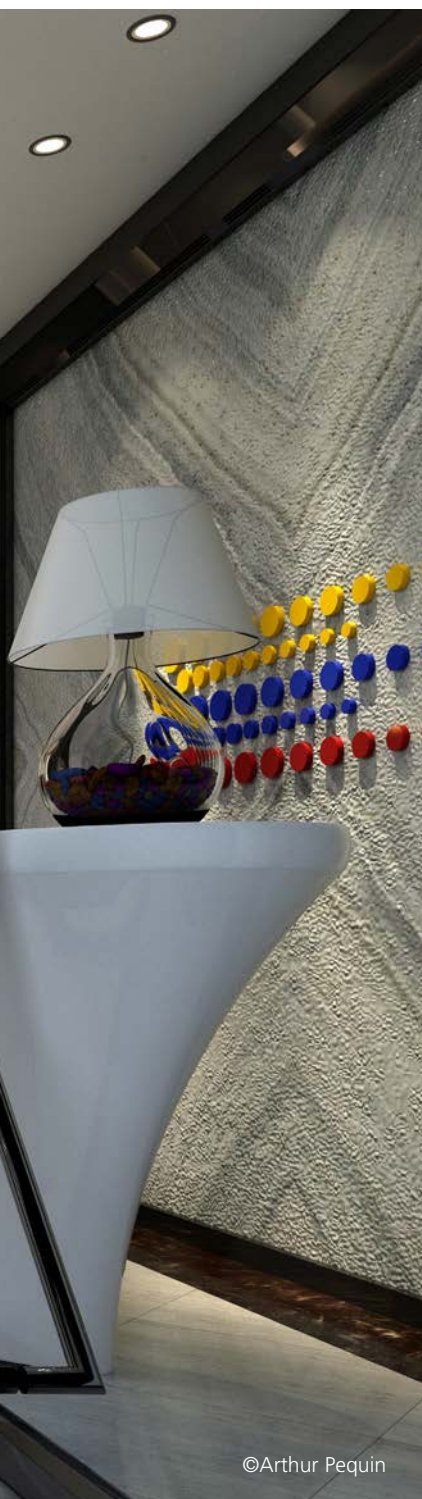
Beam angle
70°

Average rated life
88,000 hrs (L80B20)



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Recessed Spotlights

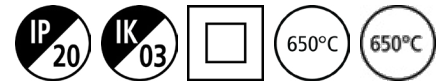


Variety of housing finishes

Easy to assemble

High colour rendering CRI90

Ludospot



Ludospot 111 is a range of integrated LED accent downlights with a modular design. A wide range of housing options allows direct replacement of most recessed halogen spotlight installations on the market. It offers easy and quick mounting of the modules thanks to the Twist&Lock system, the housings can accommodate single, double or triple LED modules, depending on the project's requirements.

Ludospot 111 is the perfect choice to replace 35W and 70W HID recessed lamps or ceiling mounted spots. The high colour rendering index CRI90, with SDCM <3 light colour consistency makes it ideal for retail, shops, malls and hotel hospitality applications, with single or multiple LED module housings. There is a shape to suit every type of ceiling - choose from round, square, rectangular or even a surface mounted ceiling frame.

Recessed Spotlights



Finish
Black and White

Colour temp
3000K and 4000K

Fixture power
From 24 to 38W

CRI
90

Luminous flux
From 2.025 to 3.550lm

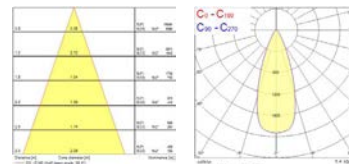
Dimmable
No

Efficacy
Up to 93lm/W

Control technology

Beam angle
38°

Average rated life
50,000 hrs (L70B50)



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SYLVANIA



360° adjustability

Colour temperature adjustability

Compatible with glass wool and mineral insulation material

Obico



The Obico spotlight range combines high lumen efficacy with outstanding value and multiple options in a single luminaire. The Obico range offers IP65 protection from water and steam as well as 360° adjustability of the product, making it the preferred choice for installers and contractors that are looking for an all-in-one solution.

Available in 68 and 80mm diameter, the luminaire is compatible with trailing-edge and leading-edge dimmers and comes with a loop-in, loop-out wiring system integrated in the driver to ensure a quick and simple installation. With a simple

flick of a switch located on the driver, the colour temperature can be selected as 2700K, 3000K or 4000K (3000 & 4000K for the Obico 80mm) The slim profile of 40mm makes Obico suitable for shallow ceiling voids. The fire rated model is designed and tested to meet Fire Rating Standards for safety and reassurance: BS 476-21:1987.

Recessed Spotlights



Finish

Brushed Chrome, Black, White

Fixture power

From 5,4 to 8,2W

Luminous flux

From 530 to 820lm

Efficacy

Up to 102lm/W

Beam angle

38°

Colour temp

Obico 68: 2700K/3000K/4000K (switch)
Obico 80: 3000K or 4000K

CRI

90

Dimmable

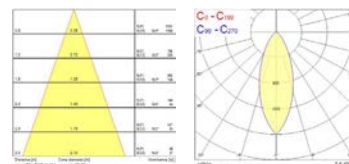
Yes

Control technology

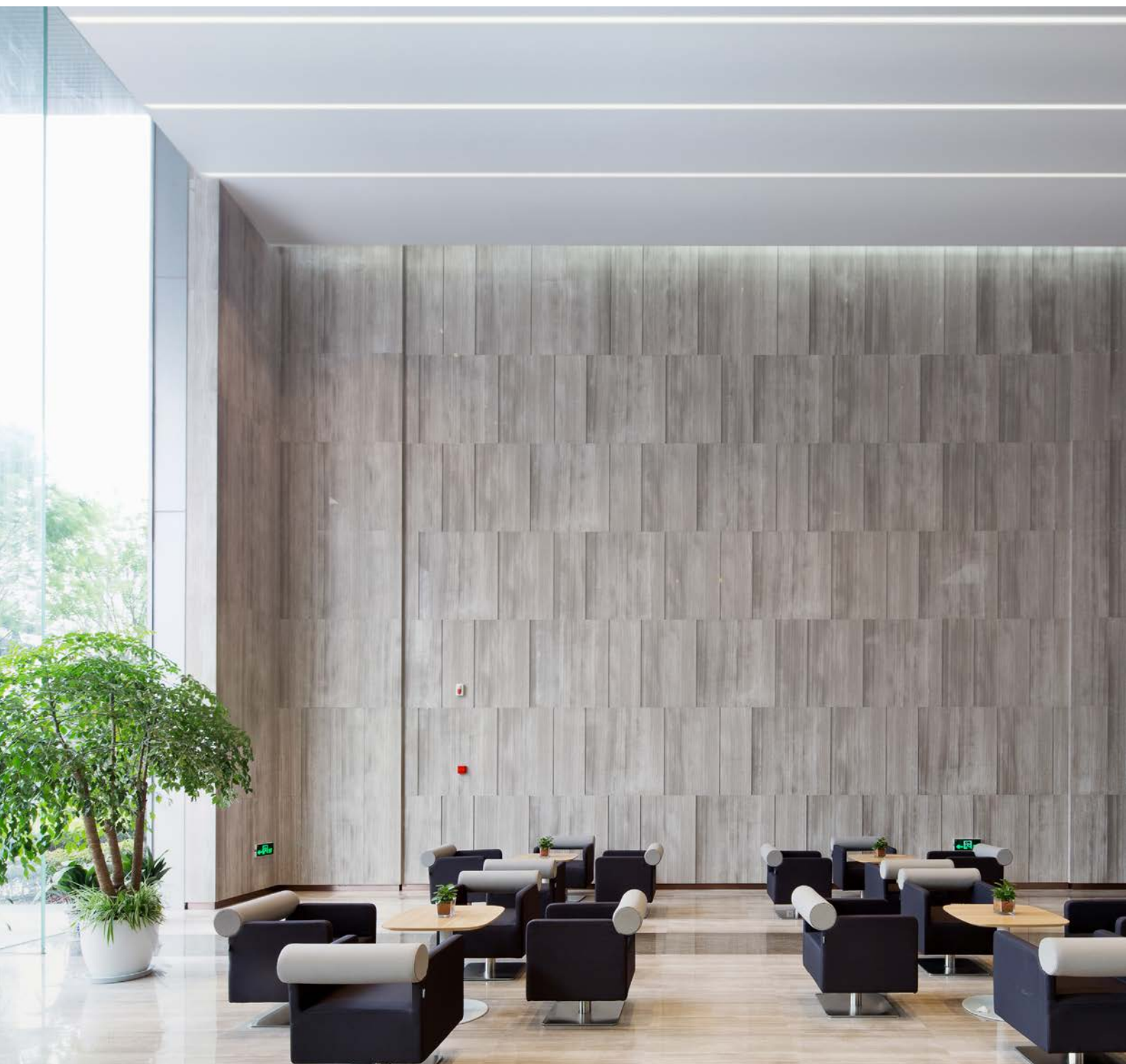
Phase DIM

Average rated life

100,000 hrs (L80B20)



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Flexible systems

SYLVANIA



High colour rendering

Flexible installation

IP20, IP65 and IP67 ingress protection

Flex Pro



Flex Pro is a LED strips range which offers high quality CRI>90 and SDCM≤3 LED strips providing uniform colour and excellent light quality. The range is ideal for residential and hospitality applications where colour accuracy is important.

A range of thin and flexible LED strips with CRI90 LED chips in IP20 and IP65 rating in 3 versions: 2500lm per 5m ,5150lm per 5m and 9700lm . For outdoor applications we recommend the Flex Pro IP67 product, which offers full IP67 protection against water and solid objects like dust and sand. The Flex Pro products are dimmable with the most PWM dimmers available on the market.

Flexible systems



Finish
NA

Colour temp
3000K and 4000K

Fixture power
From 24 to 72W

CRI
90

Luminous flux
From 2.450 to 9.700lm

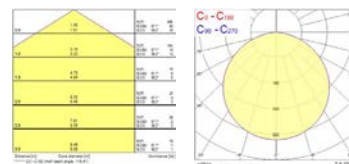
Dimmable
Yes

Efficacy
Up to 135lm/W

Control technology
DALI, SylSmart® Standalone

Beam angle
NA

Average rated life
54,000 hrs (L70B50)



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Surface wall & ceiling

SYLVANIA

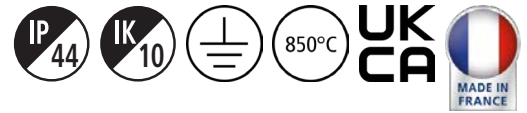


MW presence detection

Master & slave version

High resistance IK10

Giotto

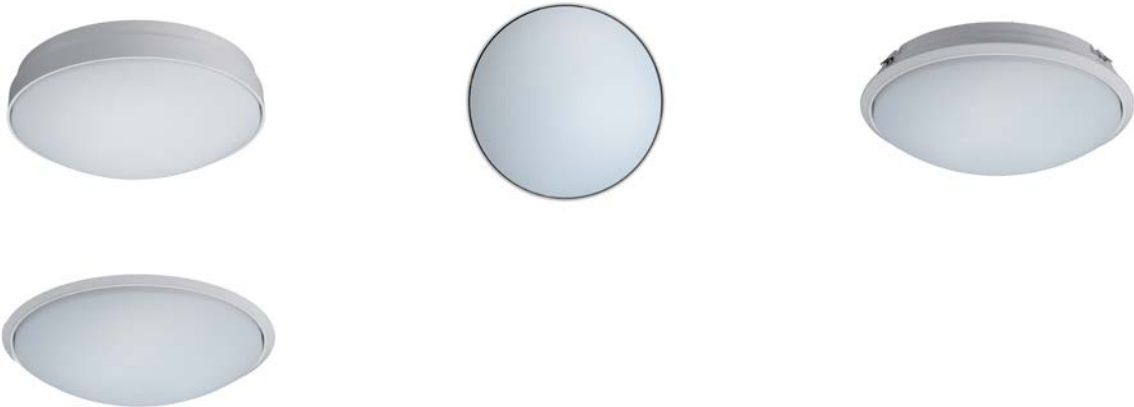


With its simple yet robust design, Giotto is a customer favourite as a reliable and easy to install LED bulkhead. Giotto is available in 3 different body sizes: 235mm, 305mm and 335mm.

Giotto can be used in many different indoor and outdoor applications such as hospitality or logistics and industry. The product range includes a microwave function option which serves as a presence detector, providing more lighting control to users.

Giotto Microwave is available in 305mm and 335mm sizes and can be used with multiple 'slave' fittings controlled by one 'master' fitting.

Surface wall & ceiling



Finish
White

Colour temp
3000K and 4000K

Fixture power
From 10,1 to 21,6W

CRI
80

Luminous flux
From 1.075 to 2.350lm

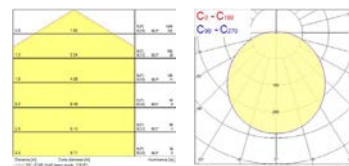
Dimmable
Yes

Efficacy
Up to 116lm/W

Control technology
1-10V, DALI, Microwave sensor

Beam angle
120°

Average rated life
120,000 hrs (L80B20)



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SYLVANIA



High visual comfort

Elegant & discreet design

Direct/Indirect distribution

Areum Wall



Elegant wall mounted luminaire with direct/indirect light distribution for office corridors or for supplementary lighting in offices and meeting rooms. The low-profile rectangular housing combined with rounded edges provides timeless appearance. The aluminium profile has a height of 28mm and features curved edges. Its body dimensions are 600x200mm. A metallic external driver box can be mounted on the wall surface for easy maintenance and installation.

The luminous flux reaches up to 5,850lm, with the light level adjustable manually via a driver DIP switch. It has a 40/60% direct/indirect light distribution ratio, making it ideal for office areas with a UGR ≤ 16 and environments with computer screens, in accordance with EN 12464-1. The LED colour consistency (initial MacAdam) between luminaires is ≤ 3 SDCM, and it offers an efficacy of up to 130lm/W at a CRI of 80 and 4000K.

Surface wall & ceiling



Finish
White and Grey

Fixture power
From 45 to 48W

Luminous flux
5.850lm

Efficacy
Up to 130lm/W

Beam angle
360°

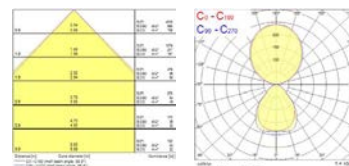
Colour temp
4000K

CRI
80

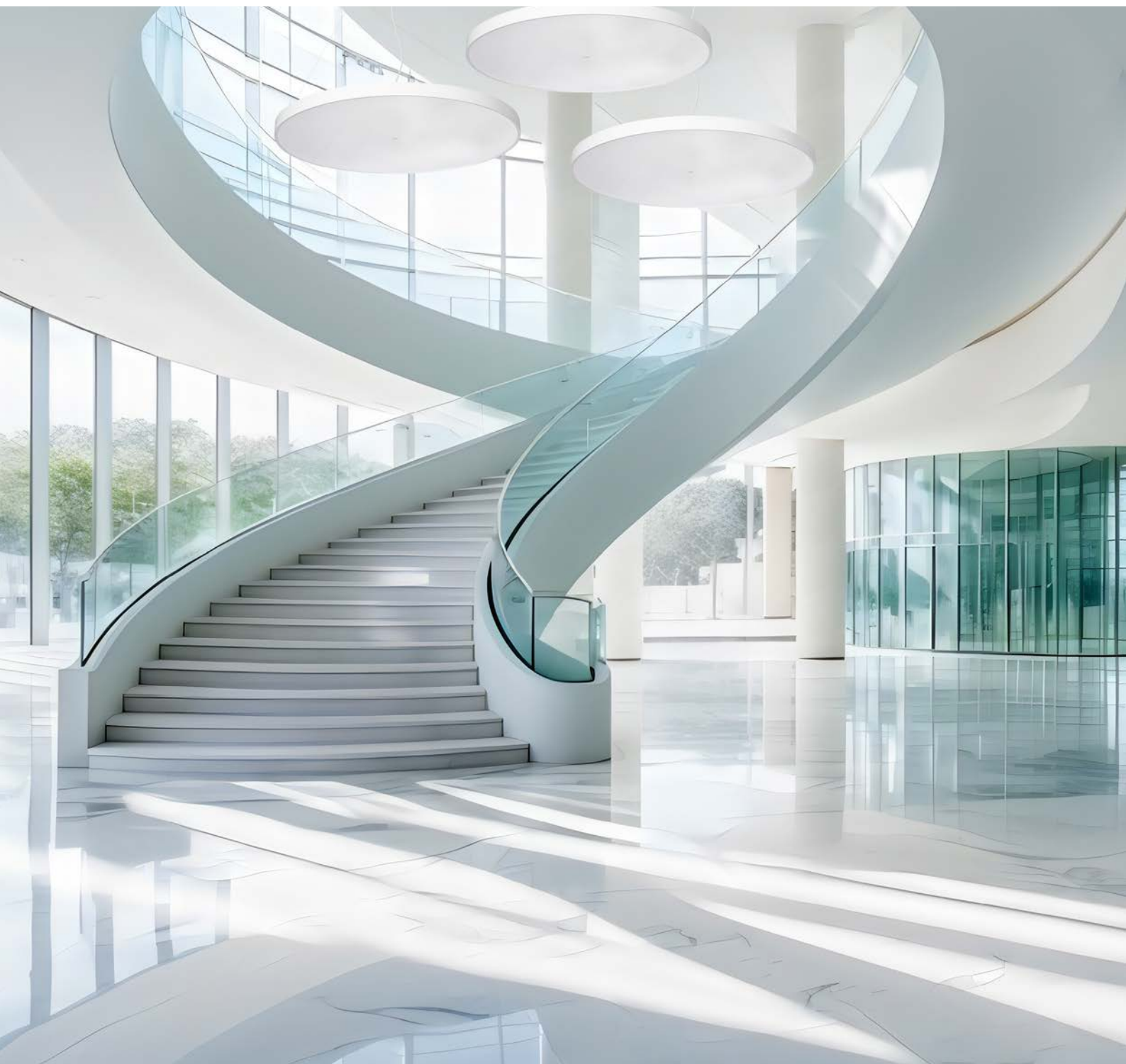
Dimmable
Yes

Control technology
DALI, SylSmart® Standalone

Average rated life
135,000 hrs (L80B10)



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Decorative pendants

Concord



4 different diameters until 1200mm

SylSmart Connected version

European manufacturing

Colossal



Colossal luminaires are best characterized by their pure circular lines and slender body which elevates spaces to the next level with its diffused light. Colossal is Sylvania's new round-shaped luminaire range combining the purest modern appearance with the latest highly efficient lighting technology. The composition of the slightly curved, slim aluminium ring and the full flat homogenous diffuser provides perfect lighting experience in all office, retail and hospitality interiors and decorative applications.

Thanks to its design, the new Colossal delivers soft, extremely homogeneous, glare-free, efficient and uniform illumination in all environments. The wide variety of dimensions and the optional light distributions provide freedom of choice to create unique lighting installations. The product is offered in four different dimensions which makes Colossal a versatile product, suitable for surface, suspended and wall mounted projects.

Decorative pendants



Oberfläche
White

Systemleistung
From 15,9 to 153,3W

Lichtstrom
From 1.650lm to 22.175lm

Systemeffizienz
Up to 144lm/W

Abstrahlwinkel
NA

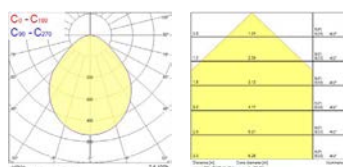
Farbtemperatur
3000K and 4000K

CRI
80 and 90 (only 4000K)

Dimmbar
Yes

Steuerung
DALI, SylSmart® Standalone, SylSmart® Connected

Durchschnittliche Lebensdauer
145,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

Concord

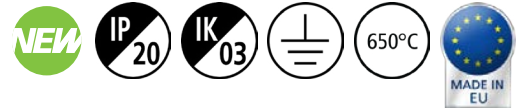


Sleek design

Available in Direct/Indirect versions

European manufacturing

Nilo



Nilo is a 360° curve-shaped luminaire with a striking, yet minimalistic design, perfect for retail, hospitality and office environments. The product emits direct and indirect light and can be suspended at different heights, allowing architects and lighting designers to play with the design space and create appealing lighting effects.

Nilo is available in two sizes: 800mm and 1140mm; offers up to 5980lm for the 800mm version and 9570lm for the 1140mm version. It is a self-contained, stand-alone luminaire with DALI dimming and DALI + integrated 3-hours emergency options as standard.

Decorative pendants



Oberfläche
Black and White

Systemleistung
From 53 to 88W

Lichtstrom
From 5,700 to 9,570lm

Systemeffizienz
Up to 113lm/W

Abstrahlwinkel
NA

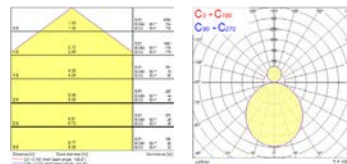
Farbtemperatur
3000K and 4000K

CRI
80

Dimmbar
Yes

Steuerung
DALI

Durchschnittliche Lebensdauer
50,000 hrs (L80B20)

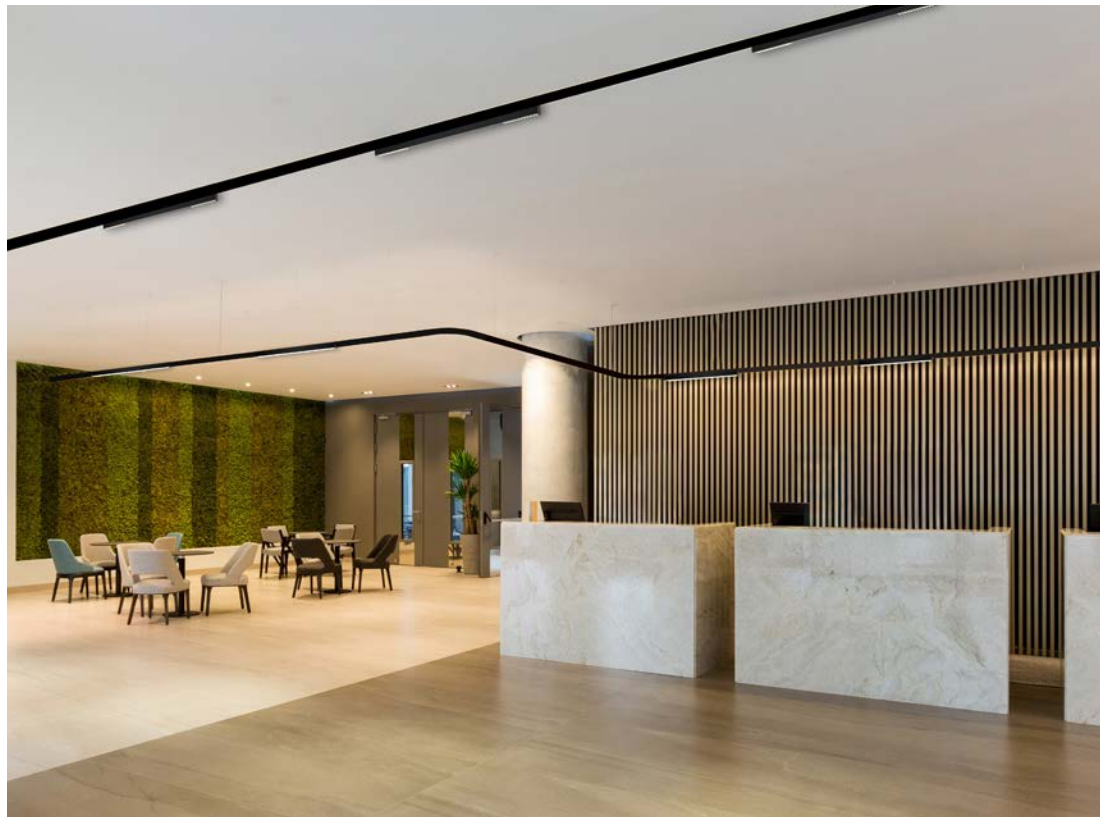


Discover the full range
at sylvania-group.com





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Tracklights and Tracks

Concord



Unique beam adjustability

High colour rendering CRI97

European manufacturing

Concord Beacon® Muse



Concord Beacon Muse is an award winning LED tracklights range, specifically designed for museums, galleries, high-end retail and hospitality applications where colour rendition plays an important and active role. The unique soft-touch ring enables the end-user to manually adjust the beam from a wide flood down to a tight spot, without the need of any additional lenses or reflectors.

Concord Beacon Muse has a very high CRI of 97 with the minimum R9 value at 93 (2700K and 3000K version) - ensuring vibrant reds - the ideal

spotlight for museum, gallery and retail applications where a high quality of light is required. Available with on-board dimming potentiometer, DALI or SylSmart® Standalone wireless dimming. Track and surface mounted versions are available as standard.

Available in 2700K, 3000K, 4000K colour temperatures. White or Black finishing colours are available as standard. Other colours are available on request. Accessories available: Elongation lens, Softener lens, Honeycomb filter, Barn door and Snoot.

Tracklights and Tracks



Finish
Black and White

Fixture power
18W

Luminous flux
up to 1100lm

Efficacy
Up to 61lm/W

Beam angle
Adjustable beam angle, from 8° to 55°

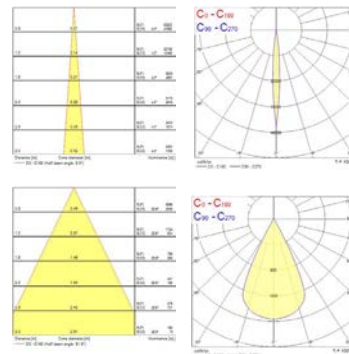
Colour temp
2700K, 3000K, 4000K

CRI
97

Dimmable
Yes

Control technology
On-board dimming, DALI, SylSmart® Standalone

Average rated life
100,000 hrs (L80B50)



Discover the full range
at sylvania-group.com

Concord



Unique beam adjustability

Colour tuneability between 2,700-6,500K

High colour rendering, CRI98 & European manufacturing

Concord Beacon® Muse Tune



Concord Beacon Muse Tune combines tuneable colour temperature and beam angle adjustment in a single fitting, further developing the award winning Beacon range from Concord. Combining cutting-edge LED technology and ancient lens principles to create a fully adjustable spotlight, the unique soft-touch ring enables the end-user to manually adjust the beam from a wide flood (50°) down to a tight spot (10°); without the need of any additional lenses or reflectors. Additionally the colour tuning functionality allows

colour temperature selection from a cool 6,500K to a warm 2,700K to tailor the lit effect to match the exact requirements of the exhibition or gallery display space.

Available with DALI, and SylSmart® Standalone wireless dimming.

Track and surface mounted versions are available as standard.

White or Black finishing colours. Accessories: Elongation lens, Softener lens, Honeycomb filter, Barn door and Snoot.

Tracklights and Tracks



Finish

Black and White

Fixture power

21W

Luminous flux

up to 760lm

Efficacy

Up to 36lm/W

Beam angle

Adjustable beam angle, from narrow to wide

Colour temp

Tunable between 2700K - 6500K

CRI

98

Dimmable

Yes

Control technology

DALI, SylSmart® Standalone

Average rated life

100,000 hrs (L80B50)



Discover the full range
at sylvania-group.com

Concord



High colour rendering CRI97

Dimmable options available

European manufacturing

Concord Beacon®



Concord Beacon is an award winning LED track lights range, specifically designed for museums, galleries, high-end retail and hospitality applications where colour rendition plays an important and active role.

Concord Beacon has a very high CRI of 97 with the minimum R9 value at 93 (2700K and 3000K version) - ensuring vibrant reds - the ideal spotlight for museum, gallery and retail applications where a high quality of light is required.

Available with on-board dimming potentiometer, DALI or SylSmart® Standalone wireless dimming. Track and surface mounted versions are available as standard. Available in 2700K, 3000K, 4000K colour temperatures. White or Black finishing colours are available as standard. on request. Accessories available: Elongation lens, Softener lens, Honeycomb filter, Barn door, Snoot, Fresnel lens.

Tracklights and Tracks



Finish
Black and White

Colour temp
2700K, 3000K and 4000K

Fixture power
18W

CRI
97

Luminous flux
Up to 1.900lm

Dimmable
Yes

Efficacy
Up to 106lm/W

Control technology
On-board dimming, DALI, SylSmart® Standalone

Beam angle
Narrow, medium, wide beam angle

Average rated life
100,000 hrs (L80B50)



Discover the full range
at sylvania-group.com

Concord

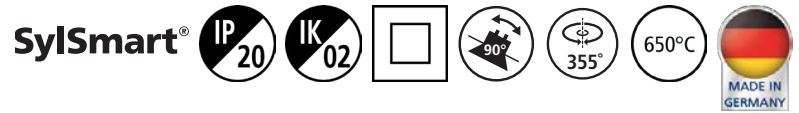


Unique adjustability of the beam

High colour rendering up to CRI97

European manufacturing

Concord Beacon® LED XL Muse



Beacon LED XL Muse is part of the innovative and award-winning Beacon Muse range of spotlights. The soft-touch ring enables the end-user to manually adjust the beam from a wide flood (70°) down to a tight spot (10°) without the need of any additional lenses or reflectors.

Beacon XL Muse has a very high CRI of 97 with the R9 value at 90 - ensuring vibrant reds - the ideal spotlight for museum, gallery and retail applications where a high quality of light is required. Available with on-board dimming potentiometer, DALI or SylSmart® Wireless SSC dimming.

The product is available in 3000K or 4000K colour temperatures. White or Black paint finishes are available as standard. Other colour available on request. Barn doors, Elongation lens, Honeycomb and Snoot accessories are also available.

Tracklights and Tracks



Finish
Black and White

Fixture power
41W

Luminous flux
From 2.544 to 2.884lm

Efficacy
Up to 70lm/W

Beam angle
From 10° to 70°

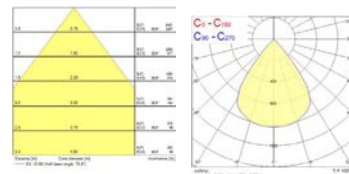
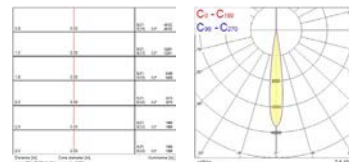
Colour temp
3000K and 4000K

CRI
97

Dimmable
Yes

Control technology
On-board dimming, DALI, SylSmart®
Standalone

Average rated life
100,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

Concord



Precise light exactly where it is needed

High colour rendering up to CRI97

European manufacturing

Concord Beacon® LED Projector



Concord Beacon is an award-winning LED tracklights range, specifically designed for museums, galleries, high-end retail and hospitality applications where colour rendition plays an important and active role. Beacon Projector offers precision light exactly where it is needed. The product is available as a Framing or Gobo projector. The Framing Projector has four adjustable arms allowing the beam to be framed to the desired size shape (square/rectangle or irregular 4-sided shapes).

The Gobo Projector with the use of ROSCO filters allows to project a still image printed/cut/lasered onto a specially made glass/metal/acetate filter - for example a company logo, text, shapes, images. All Beacon LED projector products have high colour rendering index of CRI97. Beacon Projectors are available in 3000K and 4000K versions. The luminous flux across the range is 474lm.

Tracklights and Tracks



Finish
Black and White

Fixture power
35W

Luminous flux
474lm

Efficacy
Up to 14lm/W

Beam angle
NA

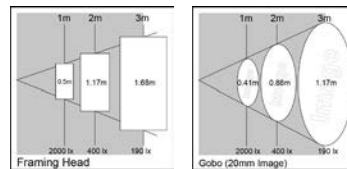
Colour temp
3000K and 4000K

CRI
97

Dimmable
Yes

Control technology
On-board dimming, DALI

Average rated life
89,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

Concord



Variety of beam angles

Multiple dimming options

European manufacturing

Concord Beacon® LED XL



Beacon LED XL is a high performing LED spotlight, ideal for retail and display applications. It has a high colour rendering index of CRI 93. High output versions are also available with CRI 85. Beacon LED XL offers a variety of beam distributions options -Medium (34°) and Wide (50°). Non-dimmable, On-board dimming potentiometer or DALI versions are available. Beacon LED XL has an efficacy up to 119lm/W and with fixture power of 33W across the range.

Available in 3000K or 4000K colour temperatures. White or Black paint finish as standard. Other colours are available on request. Accessories can be purchased separately (Elongation lens, Honeycomb filter, Barn door and Snoot).

Tracklights and Tracks



Finish
Black and White

Fixture power
33W

Luminous flux
From 2.802 to 3.912lm

Efficacy
Up to 119lm/W

Beam angle
34°, 50°

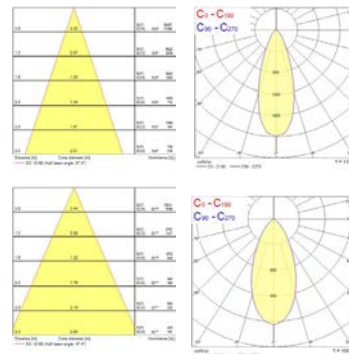
Colour temp
3000K and 4000K

CRI
93, and 85 (high output version)

Dimmable
Yes

Control technology
On-board dimming, DALI

Average rated life
72,000 hrs (L80B10)



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at sylvania-group.com

Concord



Variety of beam angles

Multiple dimming options

European manufacturing

Concord Beacon® LED XXL



Beacon LED XXL is designed to push the boundaries of lighting within the retail and display sectors. Beacon LED XXL is not just offering a powerful lighting solution, but also provides high quality of light. Available with typical 93CRI or 85CRI (for High Output) in both 3000K or 4000K. Non-dimmable, on-board dimming potentiometer and DALI dimmable versions are available as standard. It is the ideal LED replacement for traditional 70W CMI solutions.

The product has three beam options Narrow (21°), Medium (50°) or Wide (67°). White or Black finishing colours are available as a standard. Other colours can be ordered upon request.

Tracklights and Tracks



Finish
Black and White

Fixture power
48W

Luminous flux
From 3.670 to 4.884lm

Efficacy
Up to 91lm/W

Beam angle
21°, 50°, 67°

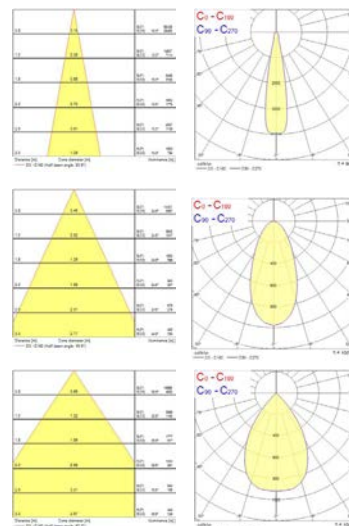
Colour temp
3000K and 4000K

CRI
93, and 85 (high output version)

Dimmable
Yes

Control technology
On-board dimming, DALI

Average rated life
100,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

Concord



Variety of beam angles

High colour rendering up to CRI97

European manufacturing

Concord Beacon® LED XL Accent



Beacon LED XL Accent has been specifically designed for retail and display environments. The product gives complete control over the direction and intensity of the light you require.

It is not only stylish but perfectly practical in every way, producing a high-quality CRI97 and high-intensity lighting effect. These beautiful spotlights come in a white or black finish (additional colours available upon request) and are also available with dimmable options.

Beacon LED XL Accent is offered in two different beam angles: Medium (33°) and Wide (44°). The product is available in 3000K or 4000K colour temperatures.

Beacon Accent XL has a variety of accessories to choose from: Elongation lens, Honeycomb filter, Barn door, and Snoot.

Tracklights and Tracks



Finish
Black and White

Fixture power
33W

Luminous flux
From 1.675 to 2.668lm

Efficacy
Up to 80lm/W

Beam angle
33°, 44°

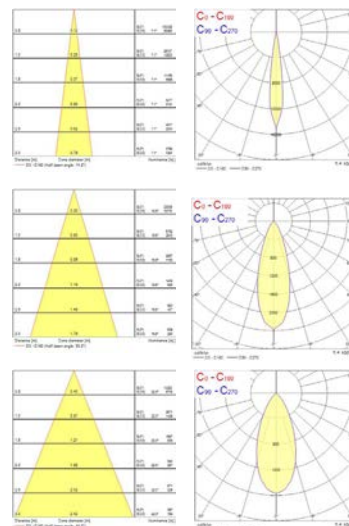
Colour temp
3000K and 4000K

CRI
97

Dimmable
Yes

Control technology
On-board dimming

Average rated life
100,000 hrs (L80B20)



Discover the full range
at sylvania-group.com

Concord

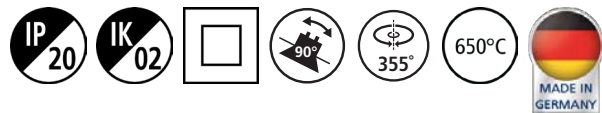


High quality asymmetric lens

High colour rendering CRI93

European manufacturing

Concord Beacon® LED Wallwash



Beacon Wallwash is an integrated LED tracklight which utilizes a specially adapted asymmetric lens to provide a high-Beacon Wallwash is an integrated LED track light that utilizes a specially adapted asymmetric lens to provide a high-quality wall-washing effect for any display environment, thus it is particularly suitable for museums, galleries, and retail applications. The product has a uniform ceiling-to-floor vertical illuminance of up to 3.5 meters in height at 4.5 meters spacing.

Beacon Wallwash offers two colour temperatures: 3000K warm white and 4000K cool white, offers non-dimmable, on-board and DALI dimming control options.

Beacon Wallwash offers two colour temperatures: 3000K warm white and 4000K cool white. The total system power is 48W, total fixture output: 3823lm, luminaire efficacy: 85lm/W, colour rendering CRI 93 typical.

Tracklights and Tracks



Finish
Black and White

Colour temp
3000K and 4000K

Fixture power
48W

CRI
93

Luminous flux
From 3.823 to 4.089lm

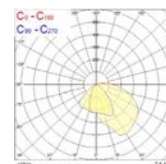
Dimmable
Yes

Efficacy
up to 85lm/W

Control technology
On-board dimming, DALI

Beam angle
Asymmetric wallwash

Average rated life
100,000 hrs (L80B20)



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Adjustable beam angle

High colour rendering CRI90

Simple and slick integral design

Pixo Zoom



Pixo Zoom is designed for museums, galleries and retail. Its minimalistic look with no driver box, and full flexible beam angle setting, makes it an extremely versatile product.

The product's improved zoom mechanism allows the beam angle to be adjusted easily and makes it suitable for a variety of applications. The zoom can be set manually in the desired beam angle by twisting the front part of the fixture.

Pixo Zoom has a very precise light beam due to its high quality lens, which can be set between 17 and 60 degrees.

Equipped with a 3CCT colour temperature selection (2700K-3000K-4000K light colour temperatures), it is available with black or white housing colours and with Multipower or DALI features.

Tracklights and Tracks



Finish
Black and White

Fixture power
Up 12 to 25W

Luminous flux
Up to 2.100lm

Efficacy
Up to 90lm/W

Beam angle
From 17° to 60°

Colour temp
2700, 3000 & 4000K (Switch)

CRI
90

Dimmable
Yes

Control technology
Multipower and DALI

Average rated life
93,000 hrs (L80B20)



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SYLVANIA



High colour rendering CRI90

Delivered with 3 lenses (24°, 36° & 54°)

Simple and slick integral design

Pixo



Pixo is an elegant track spotlight, suitable for retail, hospitality, museum and gallery applications. The product has no driver box and no visible crews which contributes to its clean design features. The fixture emits an extremely precise light beam angle due to the high quality lenses.

Pixo has an easily replaceable lens system, included in the packaging: choose between the standard light beam angle - 36 degrees or additional 24 or 54 beam angle.

Pixo is available in both 3000K and 4000K colour temperatures, CRI90, Black and White housing colours. The product comes in three different sizes: Small, Medium and Large.

Available in ON/OFF and DALI versions.

Pixo FOOD versions are available for specialized applications.

Tracklights and Tracks



Finish

Black and White

Fixture power

From 15 to 52W

Luminous flux

From 1.650 to 5.200lm

Efficacy

Up to 133lm/W

Beam angle

24°, 36° and 54°

Colour temp

3000K and 4000K

CRI

90

Dimmable

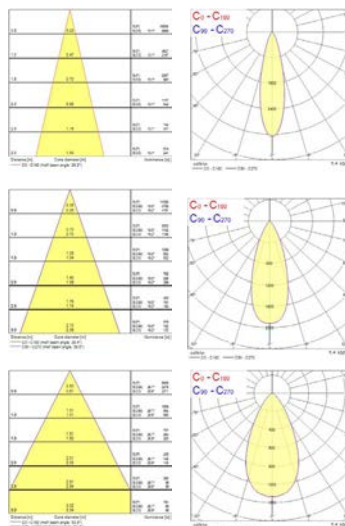
Yes

Control technology

DALI

Average rated life

120,000 hrs (L80B20)



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Concord



Modularity and Ease of Installation

Comfort light (UGR19 versions)

European manufacturing

Raxa



Raxa presents a refined solution for lighting needs, combining aesthetic finesse with functional excellence. Its slender profile of 32mm exemplifies contemporary elegance, setting a benchmark for modern design standards.

A notable feature of Raxa is its discreet adaptor for electrical safety, seamlessly integrated within the track for a streamlined appearance. This innovative design ensures both efficiency and safety during installation, allowing users to focus on creating the desired ambiance without compromise.

Available in various configurations, including Wall Washer, and UGR19 Lenses options. Raxa transcends mere illumination to curate spaces of comfort and tranquility. Whether deployed in high-end retail or hospitality settings, its ambient lighting transforms environments into inviting retreats, fostering a sense of warmth and relaxation.

Tracklights and Tracks



Finish
Black and White

Fixture power
From 10,6 to 29W

Luminous flux
From 825 to 2.900lm

Efficacy
Up to 100lm/W

Beam angle
60°, 68° & asymmetric

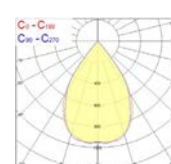
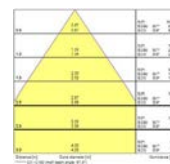
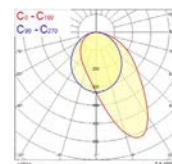
Colour temp
3000K and 4000K

CRI
90 and 95

Dimmable
Yes

Control technology
DALI

Average rated life
60,000 hrs (L80B50) UGR19 / 102,000 hrs (L80B50) WallWasher



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SYLVANIA



Adds flexibility to any space

Easy installation and versatile application

Sustainable and modular design

Pixo Line



Pixo Line is a linear track system, suitable for office, retail and logistics environments. Pixo Line offers an easy installation with two separate modules which can be used for the installation on track.

Pixo Line has a light module for various applications which can be combined with a multipower or DALI driver. The multipower driver module with 8 settings meets all installation needs with one single product. The product delivers up to 7500lm. Available in warm white (3000K) and neutral white (4000K) colour temperatures, CRI80, white or black finishing colours.

Pixo Line adds flexibility to any space due to the variety of product options that customers can choose from.

UGR19 and 90D Beam versions as standard, asymmetric and double asymmetric versions can be provided on request.

Pixo Line is Zhaga Book 14 ready.

Tracklights and Tracks



Finish
Black and White

Fixture power
56W

Luminous flux
Up to 7.600lm

Efficacy
Up to 152lm/W

Beam angle
70° (UGR19), 90°, asymmetric and double asymmetric

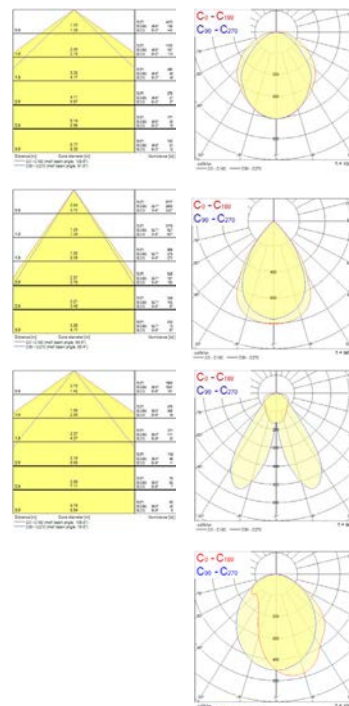
Colour temp
3000K and 4000K

CRI
80

Dimmable
yes

Control technology
DALI options (to be combined with compatible intrack driver)

Average rated life
90,000 hrs (L80B50)



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at sylvania-group.com

Concord



Different shapes

Versatile application

European manufacturing

Lytespan



Lytespan is a comprehensive tracks range, available in round, trimless recessed and H-track versions. Lytespan is offered in two colours - black and white. The various installation accessories allow the product to be surface mounted, suspended or trimless recessed.

The product's modular structure, makes it suitable for various applications such as shops, department store, offices and hospitality environments.

Lytespan is made of aluminium and it is available in three different lengths - 1m, 2m and 3m.



Finish
Black and White

Colour temp
NA

Fixture power
NA

CRI
NA

Luminous flux
NA

Dimmable
NA

Efficacy
NA

Control technology
NA

Beam angle
NA

Average rated life
NA



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at sylvania-group.com

SYLVANIA



Easy to install

Variety of interchangeable accessories

European manufacturing

OneTrack



Onetrack range comes with a variety of accessories and will be available in two colours – black and white. Various installation accessories will allow the product to be surface mounted, recessed or suspended. Sylvania Onetrack is available in three different sizes – 1m, 2m and 3m which will provide flexibility to customers to choose the length according to their project's needs.

Onetrack has an environmentally friendly design as the product is made of mainly aluminum which is recyclable at the end of its lifecycle.



Finish
Black and White

Colour temp
NA

Fixture power
NA

CRI
NA

Luminous flux
NA

Dimmable
NA

Efficacy
NA

Control technology
NA

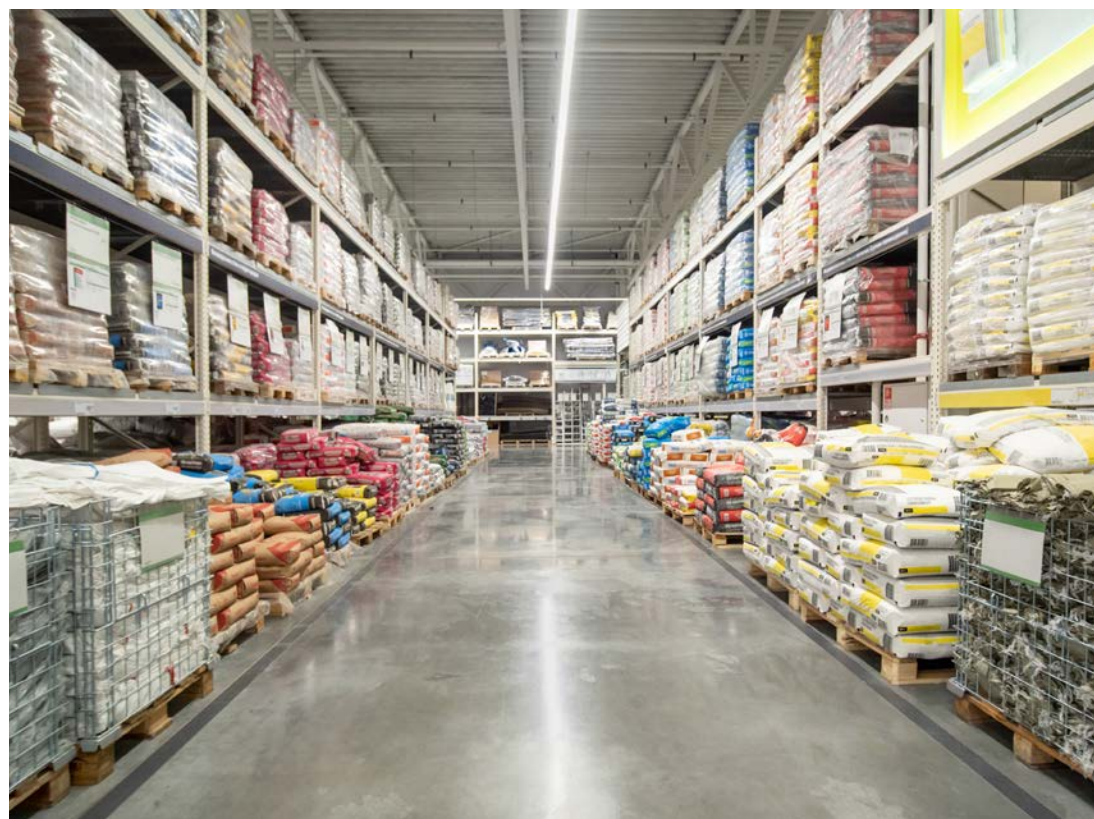
Beam angle
NA

Average rated life
NA



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Trunking systems



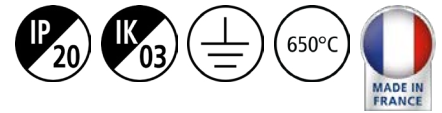
SYLVANIA

High efficacy up to 157lm/W

Quick to install

European manufacturing

Isoline



Isoline is the latest design from Sylvania of a linear trunking system that can be used in many applications from logistics and industry to warehousing and supermarkets including light industrial spaces. Its flexibility creates an effect that provides an excellent quality of light output coupled with high efficiency to offer a short payback on investment. Easy to specify and simple to install (no tools required connection system), Isoline provides a complete range for a linear lighting system.

The range is manufactured in France and offers a 5 wire or 8 wire version to provide the ultimate options within the system. DALI dimming with Emergency down to basic switching. Various optical distributions allow the designer to maximise the light output in any space, complimented with 3-hour emergency options. The range comes with a full suite of accessories.

Trunking systems



Finish
White

Colour temp
4000K

Fixture power
From 56 to 117W

CRI
80

Luminous flux
From 8.000 to 17.550lm

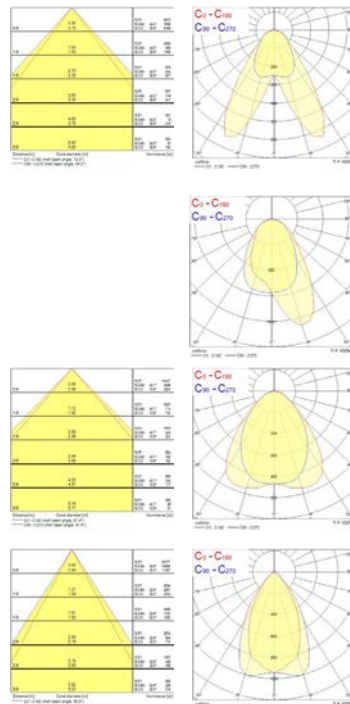
Dimmable
Yes

Efficacy
Up to 157lm/W

Control technology
DALI

Beam angle
60°, 90°, asymmetric and double asymmetric

Average rated life
60,000 hrs (L80B10)



Discover the full range
at sylvania-group.com

SYLVANIA



High efficacy

Quick to install

Aesthetically pleasing

RTS



RTS is a complete versatile lighting trunking system providing an efficient and effective way of lighting larger spaces including supermarkets, logistical spaces and light assembly industrial areas. Simple design, energy-efficient, low maintenance option. It is the perfect solution where conventional lighting systems need replacement and require a low cost, simple installation tool free. RTS is an exciting product with the installer at its forefront. With

various light engine options RTS is a flexible offer enough to meet the demands of many applications. Its simple assembly and tool free design creates a seamless light line with Emergency and DALI options. RTS provides the end user to dismantle the light source and re-position to wherever the next promotion or area of importance.

Trunking systems



Finish
White

Colour temp
4000K

Fixture power
From 50 to 70W

CRI
80

Luminous flux
From 8.000 to 11.200lm

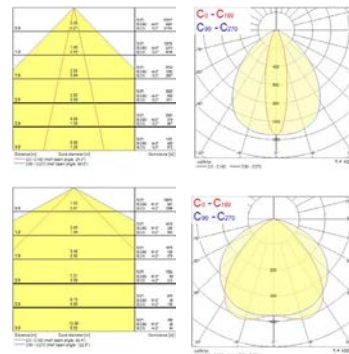
Dimmable
Yes

Efficacy
Up to 160lm/W

Control technology
DALI

Beam angle
36°, 90°

Average rated life
75,000 hrs (L80B20)



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SYLVANIA



Sustainable

Easy to install

Flexible

RetrunKit



RetrunKit is a universal trunking unit designed for compatibility with trunking rails from various brands, making it suitable for replacing fluorescent lighting units in existing installations. It offers a multipower solution ranging from 41 to 75W, providing luminous flux between approximately 6,200 to 11,000lm, with an efficiency of up to 159lm/W. Users can easily select from five different light output levels using the integrated DIP switches.

Additionally, the unit features an integrated switch that allows users to choose between three color

temperatures: warm white (3000K), neutral white (4000K), and cool white (5000K). Its 1530mm length, fixing system and connectivity make it very easy to install.

Trunking systems



Finish
White

Fixture power
From 41 to 75W

Luminous flux
From 6.200 to 11.000lm

Efficacy
Up to 159lm/W

Beam angle
120°

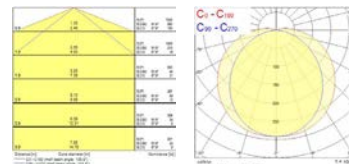
Colour temp
3000, 4000 & 5000K (Switch)

CRI
80

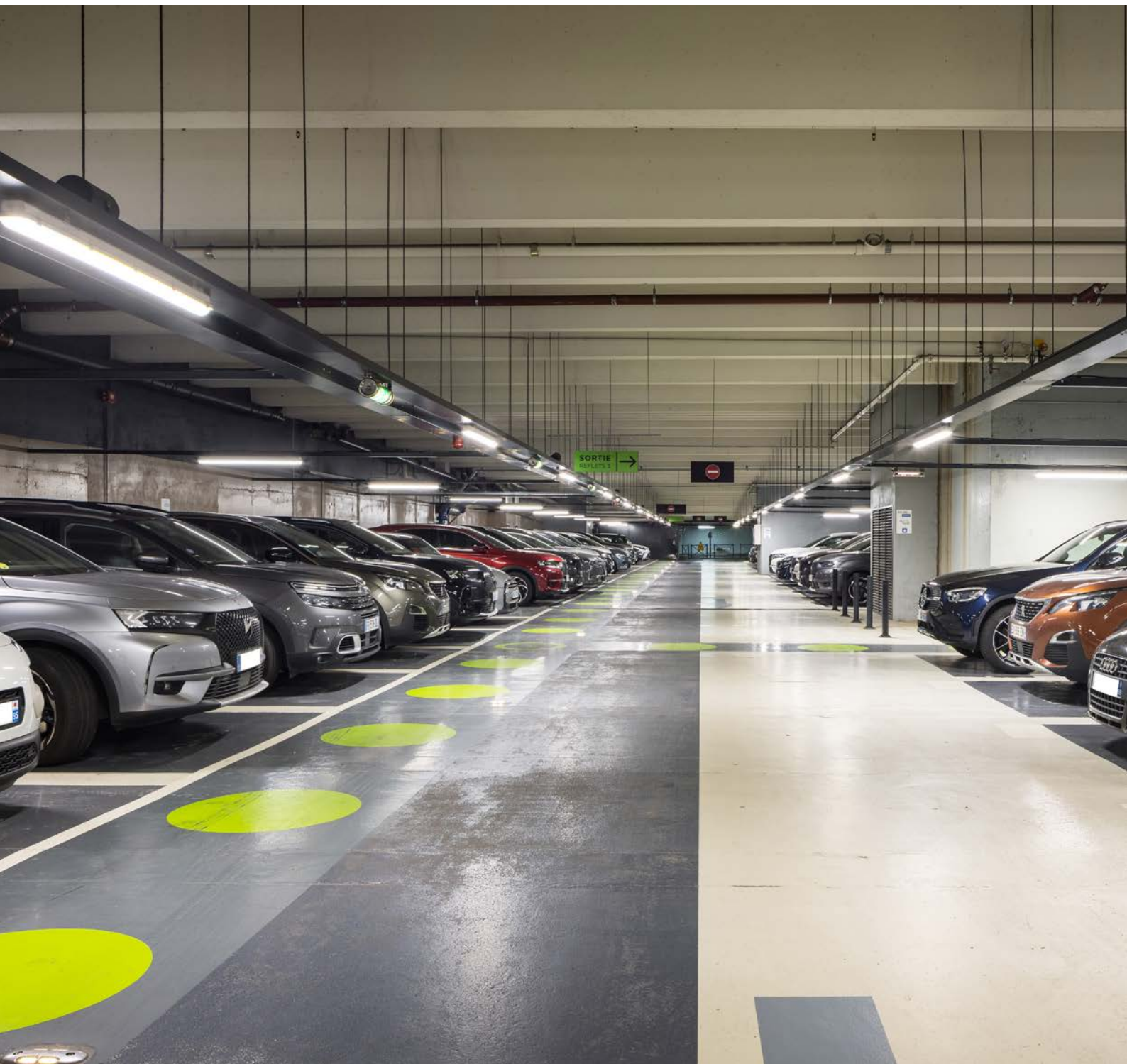
Dimmable
No

Control technology
NA

Average rated life
90,000 hrs (L80B50)



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at sylvania-group.com





Weatherproof

SYLVANIA



High efficacy up to 162lm/W

Easy to install

European manufacturing

Resisto



Resisto, the Sylvania weatherproof range, excels in quality, provides improved installation and functionality, and helps achieve greater energy savings with its SylSmart® Standalone and Connected enabled versions in parking lots, workshops, storage facilities and underpass areas. Its wide range means it can meet almost any need. Manufactured in Germany, it also can be customised to meet specific customer requests. Resisto is an ideal replacement for T5 and T8 luminaires, offering great energy savings. The luminaire benefits from a water and dust resistant

polycarbonate body and diffuser offering IP66 protection (IP65 for SylSmart® version) and an impact rating of IK08 (SylSmart® sensor IK03). For further cost savings, available with microwave presence sensor with dedicated corridor function versions and no dark end.

Weatherproof



Finish
White

Colour temp
3000K, 4000K and 6500K

Fixture power
From 10 to 61W

CRI
80

Luminous flux
From 1.400 to 9.700lm

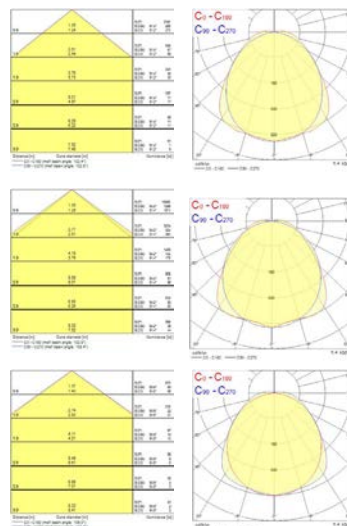
Dimmable
Yes

Efficacy
Up to 162lm/W

Control technology
DALI, SylSmart® Standalone, SylSmart® Connected, Microwave sensor

Beam angle
110°

Average rated life
69,000 hrs (L80B20)



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SYLVANIA

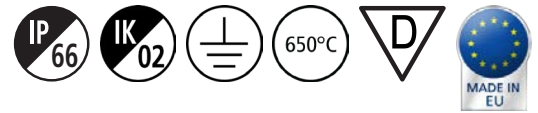


High chemical resistance

High efficacy up to 143lm/W

Easy to install

Resisto GRP



Resisto GRP is the most robust and chemically versatile version of our Resisto family. Resistant against a variety of acids, alkalis, halogens, mineral oils, Resisto GRP is an ideal replacement for T5 and T8 luminaires, offering great energy savings. This LED integrated waterproof fixtures is available in 1200mm and 1500mm nominal length providing high efficiency throughout the range with up to 143lm/W (total system efficiency). The body

of Resisto GRP is made from extremely resistant glassreinforced polyester and its polymethyl methacrylate diffuser provides an improved uniformity. The range is available in Neutral White (4000K) colour temperature.

Weatherproof



Finish
White

Colour temp
4000K

Fixture power
From 24 to 51W

CRI
80

Luminous flux
From 3.400 to 7.000lm

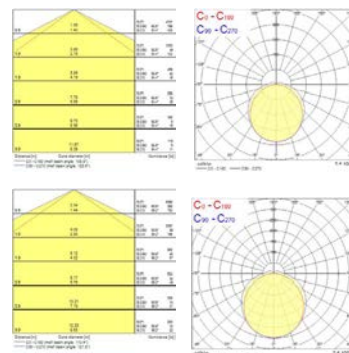
Dimmable
No

Efficacy
Up to 143lm/W

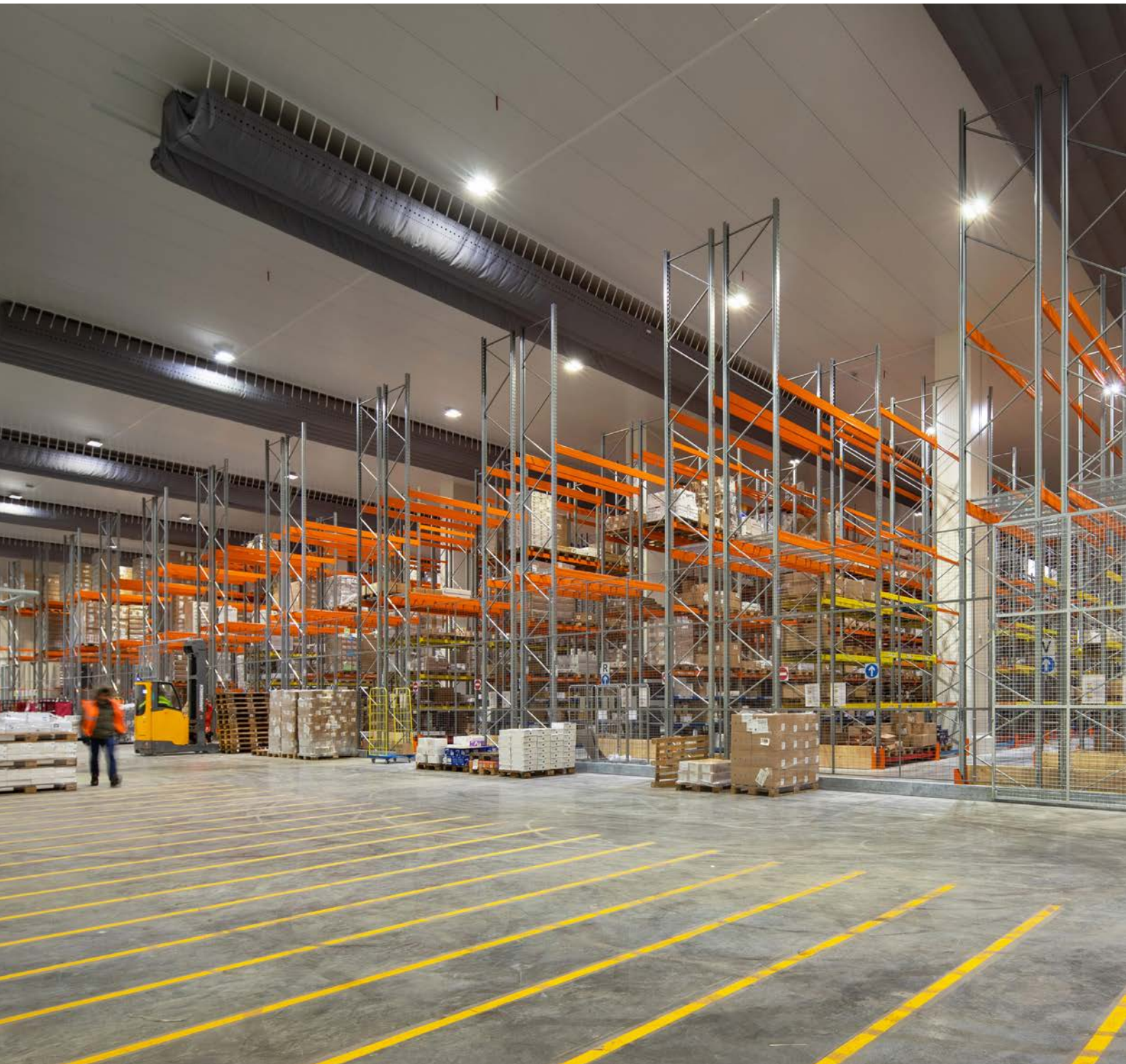
Control technology

Beam angle
120°

Average rated life
72,000 hrs (L80B20)



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Highbays

Concord



Very high efficacy up to 190lm/W

Wide range of lumen outputs

Versatile (perfect for sports halls)

Rocks



Highbays

Rocks is a highly efficient and intelligent high bay, optimised for high bay racking platforms and production environments. The Rocks range perfectly combines form and function. The luminaire benefits from a robust design and precision optics, with two types of distributions: wide and aisle. This innovative luminaire is compatible with SylSmart®

Connected and is optimised for high bay racking platforms and manufacturing environments. Rocks range is equipped with a DALI driver as standard. A PIR version is also available in the range. Rocks is Zaga Book 18 ready.



Finish
Grey

Colour temp
4000K

Fixture power
From 50 to 292W

CRI
80

Luminous flux
From 9.100 to 54.000lm

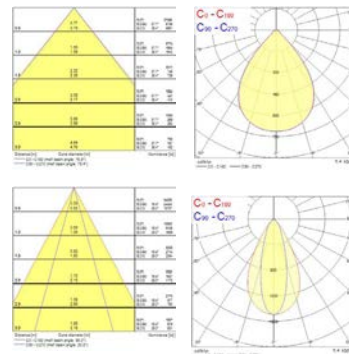
Dimmable
Yes

Efficacy
Up to 190lm/W

Control technology
DALI, SylSmart® Connected, PIR

Beam angle
90°, 30°*60°

Average rated life
100,000 hrs (L80B50)



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SYLVANIA



High efficacy up to 163lm/W

Scalable with Microwave or PIR sensor

SylSmart Connected enabled

Sylvania Granit®



Sylvania Granit is a highly efficient and long lasting Highbay range ideal for the tough environmental conditions of industrial applications. The compact, circular luminaire combines powerful light output with easy handling. The 1 metre chain and 1.5 metre flying lead, provided as standard, allows for easy installation. This is further supported by the product's low weight. Our range provides clear, bright light to aid productivity. Sylvania Granit has been developed to be energy efficient and long lasting; making it the go-to range for both installers and contractors. With the centre module

for microwave and PIR occupancy sensing further energy savings are just a twist away. The SylSmart® Connected enabled versions ensure unparalleled smart lighting experience with versatility, flexibility, and security as standard. Versatile mounting options make Sylvania Granit a Highbay luminaire that can be used in a wide range of applications. In addition to the standard suspension chain version, rotating ceiling installation offers added flexibility by using the separate bracket.

Highbays



Finish
Black

Colour temp
4000K and 6500K

Fixture power
From 80 to 200W

CRI
80

Luminous flux
From 13.000 to 32.000lm

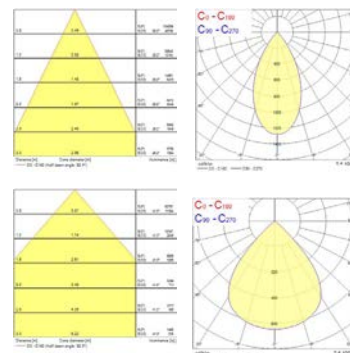
Dimmable
Yes

Efficacy
Up to 163lm/W

Control technology
DALI, 0-10V, SylSmart® Connected,
Microwave sensor, PIR sensor

Beam angle
55°, 85°

Average rated life
92,000 hrs (L80B20)



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SYLVANIA



Perfect for sports halls

High efficacy up to 158lm/W

European manufacturing

SportsBay



Sportsbay is a range of high efficiency versatile and robust LED luminaires specifically developed with sports halls in mind. The range benefits of ball proof certification in accordance with VDE 0710-13. The luminaire benefits from robust design (IK10) and precision optics with an extensive beam angle. Available in 1200 and 1500mm with 2 lumen packages (12,800 & 18,400lm), SportsBay has a high efficacy level (>150lm/W). SportsBay can be installed suspended or with brackets and in continuous line.

Highbays



Finish
White

Colour temp
4000K

Fixture power
From 81 to 126W

CRI
80

Luminous flux
From 12.800 to 18.400lm

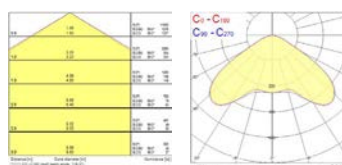
Dimmable
Yes

Efficacy
Up to 158lm/W

Control technology
DALI, SylSmart® Connected

Beam angle
117°

Average rated life
76,000 hrs (L80B20)



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Floodlights

SYLVANIA



High efficacy up to 162lm/W

Wide range of lumen outputs from 3,000 - 46,400lm

Robust Exterior floodlight made of die-cast aluminium body

Kalani



Kalani is highly efficient, durable die-cast aluminium body floodlight, making it a perfect choice for recreational sport, building facade, parking lot or area lighting applications providing 1:1 replacement of conventional technologies. The family comes in 5 different sizes, available in Symmetric and Asymmetric beam angles. Designed to withstand all types of weather, its IP66 protection rating, IK08

heavy duty housing and operating temperature range of -30 to +50°C mean it requires minimal maintenance. Kalani is delivered with 1.5m cable, so no need to open the gear box during installation. Its universal mounting bracket allows wall or surface mounting with the possibility of tilting upwards or downwards.

Floodlights



Finish
Black

Colour temp
3000K and 4000K

Fixture power
From 23 to 297W

CRI
80

Luminous flux
From 3.000 to 46.400lm

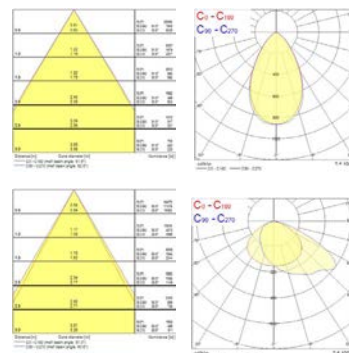
Dimmable
Yes

Efficacy
Up to 162lm/W

Control technology
DALI

Beam angle
60°, 65°*120°

Average rated life
93,000 hrs (L80B20)



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SYLVANIA

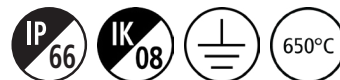


Sustainable with photocell option

Recommended for mounting heights of 6-8 metres

Long lifespan

Zephyr



The new generation of Zephyr LED lantern has been designed to provide solution for minor road and area lighting. The range is made of high quality die-cast aluminium housing and robust build with IK08 protection and IP66 ratings, offering a perfect solution for amenity including car parks and perimeter lighting.

48mm, 60-60mm). The range also offers photocell versions for operation during dusk to dawn.

Zephyr comes in two sizes (small and large) and a choice of lumen packages (3500, 5500, 7700, 10,000lm), delivering up to 126lm/W. Adjustable post top adapter accessories are available (60-

Road & Post Top



Finish
Grey

Colour temp
3000K and 4000K

Fixture power
From 29 to 81W

CRI
80

Luminous flux
From 3.250 to 10.000lm

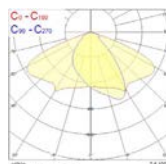
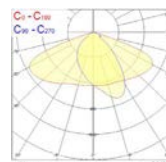
Dimmable
No

Efficacy
Up to 126lm/W

Control technology
NA

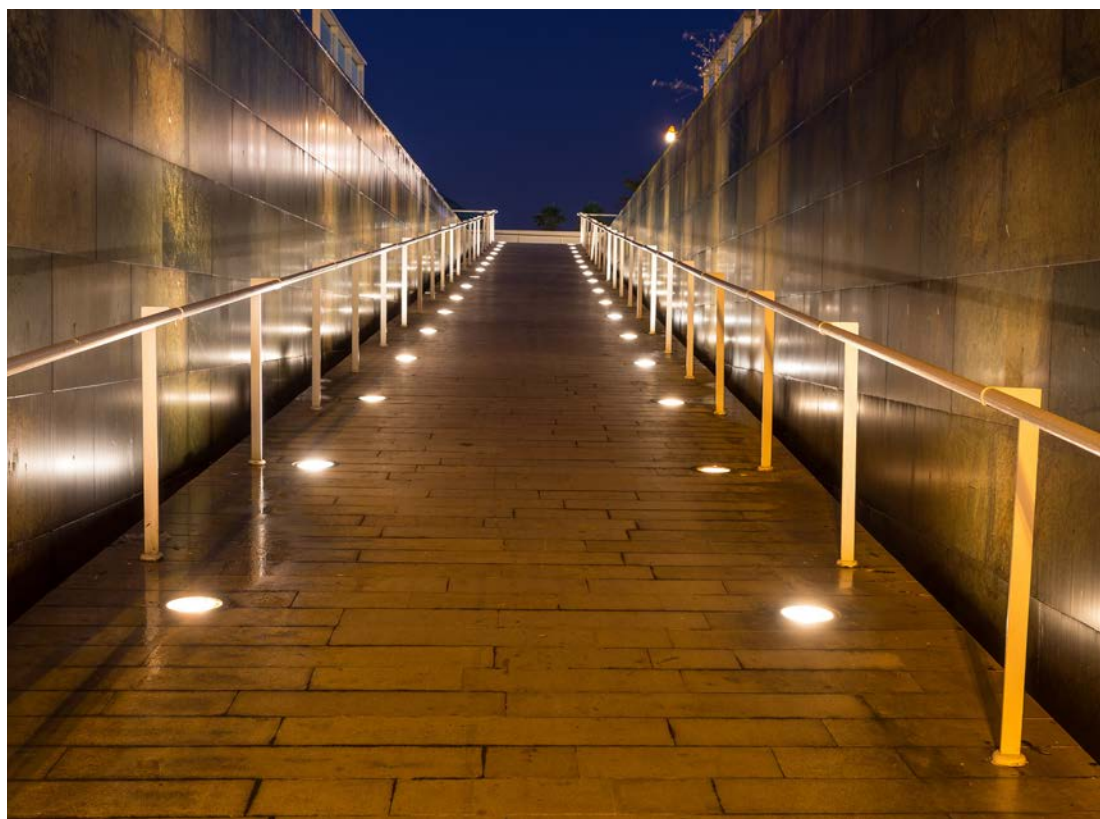
Beam angle
NA

Average rated life
90,000 hrs (L80B50)



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Landscape

Concord



High efficacy up to 144lm/W

Available in Direct and Direct/Indirect versions

European manufacturing

Inverto



Inverto is perfect for hotels, restaurants, bars, and a wide range of interior and exterior applications. Crafted from premium materials, it promises durability and longevity, making it an ideal choice for both residential and commercial applications. It offers warm white (3000K) or neutral white (4000K) color temperatures. The multipower solution includes 9 different lumen output settings.

It provides options for direct or direct/indirect light distribution. With high performance, it delivers up to 4,400lm and a total system efficacy of up to 143lm/W. Additionally, it features narrow (18°) or medium (38°) light distributions, and DALI versions are available. Experience the perfect blend of form and function with our state-of-the-art outdoor luminaire.

Landscape



Finish

White, Black and Anthracite Grey

Colour temp

3000K and 4000K (switch)

Fixture power

From 12 to 36W

CRI

80

Luminous flux

From 950 to 3.350lm

Dimmable

Yes

Efficacy

Up to 144lm/W

Control technology

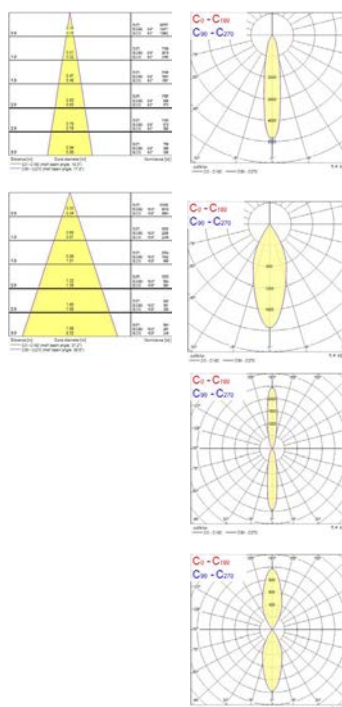
DALI

Beam angle

18°, 38°

Average rated life

100,000 hrs (L80B50)



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SYLVANIA



Switchable integrated photocell

Good ingress and impact protection

Multipower solution

Muro Surface



Muro Surface is a surface mounted wall luminaire that provides an ideal solution for guidance light around buildings, staircases and stairwells both indoor and outdoor.

Muro Surface features multipower functionality with 5 lumen options from 1700 to 3250lm where the luminous flux of the luminaire can be tailored to local needs during installation

by only setting a quick selector switch. Muro Surface comes in neutral white (4000K) colour temperature and anthracite grey colour with die cast aluminium housing. It is available with 3 hours combined non-maintained emergency function. The lifetime of the product is 72.000hrs. Muro Surface offers through-wiring possibility thanks to the cable entries.

Landscape



Finish

Anthracite grey

Colour temp

4000K

Fixture power

From 14 to 28W and from 16 to 30W

CRI

80

Luminous flux

From 1.700 to 3.250lm

Dimmable

No

Efficacy

Up to 121lm/W

Control technology

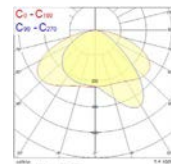
NA

Beam angle

NA

Average rated life

72,000 hrs (L80B20)



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SYLVANIA



Variety of sizes

Wide range of operating temperatures

Different beam angles

Interrata



Landscape

The Interrata family offers recessed walk over and drive over ground lights for lighting of building facades and sculptures. Available in 4 different sizes from 100mm to 260mm. The adjustable structure makes it possible to tilt +/- 30 degree for the fine tuning of the light effect at different applications.

Interrata offers clear and frosted glass options for the XS size product. The pressure load of the luminaire is 2000kg (~20kN) for S/M/L and 500kg (~5kN) for XS size. The lifetime of the product is 50.000hrs.



Finish
Stainless steel bezel

Fixture power
From 2,7 to 29W

Luminous flux
From 115 to 2.000lm

Efficacy
Up to 76lm/W

Beam angle
12°, 25°, 30°,100°

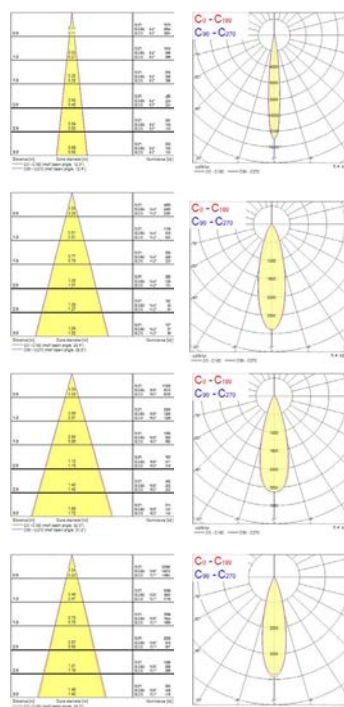
Colour temp
3000K

CRI
80

Dimmable
No

Control technology
NA

Average rated life
50,000 hrs (L70B50)



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Emergency

SYLVANIA



Self-test luminaires

Multiple mounting options

Robust design

The LiFeSafe Standalone Emergency range offers products for all emergency applications available in Self-Test & DALI.

Maintained & non-maintained luminaires providing 3-hour emergency duration, utilizing LiFePO4 batteries.

The LiFeSafe range consist of the following Self-Test and DALI product types: Multifix Exit Signs, Wall Mounted Exit Signs, Bulkheads, Downlights, Track & Twin Spots.

LiFeSafe Multifix offer Surface, Recessed, Suspended, Wall and Flag mounted products. The Suspended version comes with an adjustable steel wire and includes six ISO7010 legends. Available in maintained or non-maintained operation.

LiFeSafe Exit Signs are ultra slim with integrated downlight. It includes four ISO7010 legends.

Available in maintained & non-maintained operation. IP65 option only in DALI.

LiFeSafe IP65 Bulkheads are suitable for both interior and exterior use. Available in lumen outputs 165lm / 200lm / 650lm & 1170lm. DALI versions

are available in Black/White. IP65 Available in maintained & non-maintained operation.

LiFeSafe Recessed Downlights offer interchangeable optics including Open Area & Escape Route lenses. Non-maintained mode only. DALI versions are available in Black/White as standard with optional 80mm bezel ring accessory.

LiFeSafe IP65 Surface Downlight Self-Test offer interchangeable optics including Open Area & Escape Route lenses. Non-maintained mode only. DALI versions with interchangeable optics. Available in Black/White with an optional IP65 Black or White accessory.

LiFeSafe Track Emergency are available in DALI and are suitable for Stucchi / Eutrac & Global track. Available in Black/White. Available in non-maintained operation.

LiFeSafe IP65 Twin Spots are available in DALI and with 3 lumen outputs, 768lm / 1105lm and 2062lm. Available in maintained & non-maintained operation. White only.



Finish
NA

Fixture power
From 1 to 3,5W

Luminous flux
From 20 to 280lm

Efficacy
NA

Beam angle
NA

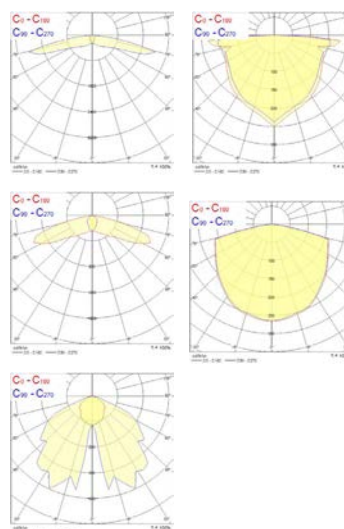
Colour temp
6500K

CRI
NA

Dimmable
NA

Control technology
NA

Average rated life
30,000 hrs



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Case study

ParisTech School of Chemistry PSL:
Combining energy efficiency and comfort

Client: ParisTech School of Chemistry PSL, Paris (75)

Project: Improved comfort for users
& Minimal disruption during works

Products used: Resisto SylSmart Connected,
OptiClip SylSmart Connected, START Panel,
START Surface IP66, Insaver Slim, Rana Asymmetric

Project year: 2023



Founded at the end of the 19th century in the 5th arrondissement, the Ecole Nationale Supérieure de Chimie ParisTech PSL trains engineers and houses research laboratories. The school has been undergoing constant renovation since 1995, with major works taking place on more than 14,000m² of premises. The France Relance plan introduced in 2021 has accelerated this modernisation process.

The work had to be carried out without closing this public access building (ERP) to teachers, researchers and students.

The Sylvania design office, which has RGE études certification, was responsible for carrying out the study, based on existing surveys, the hours of activity and the level of natural lighting in the various areas.

The original 2,000 fluorescent luminaires throughout the site have been replaced with more energy-efficient LED luminaires. Combined with SylSmart Connected. According to the on-site audit and analysis, the new installation will reduce energy consumption by 66% based on 2,500 hours of annual operation, which is a great start inline with the 60% reduction target set out in the France Relance plan.

The installation of LED luminaires combined with the SylSmart intelligent lighting management system therefore has a dual benefit: significantly improved comfort for researchers, students and teachers in their daily tasks, and reduced energy costs for the building manager.



IP Rating

Ingress protection against dust and liquid
* Rating behind ceiling void is IP20



IK Rating

Level of impact protection



Insulation Class I

Protection against electric shock by protective earthing



Insulation Class II

Protection against electric shock by double or reinforced insulation, but no protective earth



Insulation Class III

Protection against electric shock by using power supply with safety extra-low voltage



Tilt Angle

Angle in which the fixture can be tilted



Rotation Angle

Angle in which the fixture can be rotated



Glow Wire Test

The glow wire test is a physical thermal testing method for plastics



D Mark

D-Mark is a European fire protection certification

SylSmart

SylSmart

Intelligent wireless system, programmable with a SylSmart mobile app



LumiNature

Natural light recreated



ENEC

Demonstrates compliance with European standards



Made in France

Product manufactured in France



Made in Germany

Product manufactured in Germany



Designed in Germany

Product manufactured in Germany



Made in Europe

Product manufactured in Europe



New

Please enquire regarding stock availability

IP RATING

Level of protection from solid and liquid materials

0	No special protection	0	No special protection
1	Protection from solid objects greater than 50mm in diameter, such as a hand.	1	Protection against condensation
2	Protection against objects not greater than 80mm in length and 12mm in diameter	2	Protection against water droplets deflected up to 15° from vertical
3	Protection from solid objects greater than 2.5mm or more	3	Protection against spray up to 60° from vertical
4	Protection against solid objects larger than 1mm	4	Protection against water spray from all directions
5	Protection against dust that may harm equipment	5	Protection against low pressure water jets from all directions
6	Totally dust-tight	6	Protection against high pressure water jets and waves
		7	Protection against temporary immersion
		8	Protection against prolonged effects of submersion under pressure. Submersion depth to be specified*

IP 66

IK RATING

Level of protection against mechanical impacts

00	Not protected
01	Protected against 0.14 joules impact
02	Protected against 0.2 joules impact
03	Protected against 0.35 joules impact
04	Protected against 0.5 joules impact
05	Protected against 0.7 joules impact
06	Protected against 1 joules impact
07	Protected against 2 joules impact
08	Protected against 5 joules impact
09	Protected against 10 joules impact
10	Protected against 20 joules impact



Technical information

Ballast lumen factor BLF (%)

Refers to the ratio of light output from the lamp on emergency operation to the nominal light output.

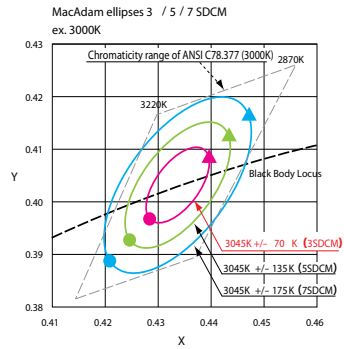
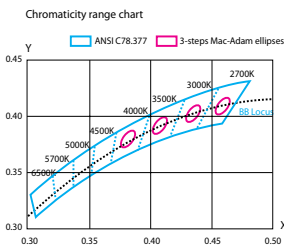
Beam Angle

Indicates how broadly the light is emitted from a reflector lamp. It can be thought of as an imaginary cone whose apex intersects the lamp face, and the breadth of the cone extends outwards to the point where luminous intensity has diminished to 50% of the centre beam value.

Binning

The term binning refers to the variations which occur within a single production batch of LED's such as chromaticity, lumen output and forward voltage. It is important that a specific bin has been identified and selected to ensure a uniform and constantly even lighting installation is achieved. If all the LED's were selected from one production batch and used in the same luminaire or installation, there would be a mix of colour temperatures and brightness levels. For the lighting manufacturer / designer binning is an essential part of LED specification.

MacAdam ellipses methodology was created in 1943 for mathematically constructing ellipses around target points, something which became very useful for the lamp industry. ANSI C78.377 is now the standard for chromaticity specified by the American National Standards Institute. ANSI recommends that lamp manufacturers stay within a "4-step" ellipse. This means that, given a certain target point on the CIE diagram, manufacturers are given a fairly wide range of perceptible differences.



Candela (cd)

The unit of measurement for luminous intensity, which refers to the quantity of light emitted in a particular direction. The symbol is cd.

Colour Correlated Temperature (CCT)

An incandescent light bulb is very close to a perfect black-body radiator, so its colour temperature is basically the temperature of the filament. However many light sources, such as fluorescent tubes or high intensity discharge lamps, emit light by processes other than thermal radiation and therefore it is not possible to apply the black-body spectrum. For these light sources it is possible to assign what is known as a colour correlated temperature (CCT). The CCT is the colour temperature of a black-body (Planckian) radiator which most closely matches the colour of the light emitted from the lamp.



Warm White 3,000K

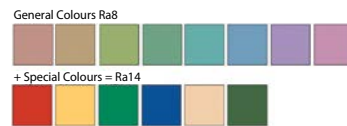
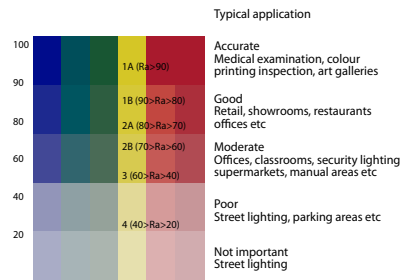


Neutral White 4,000K

Colour Rendering Index (CRI)

The colour rendering of a light source is an indicator of its ability to realistically reproduce the colour of an object. The chart illustrates our ability to accurately determine colour depending on the colour rendering properties of the light source. The higher the colour rendering index (on a scale of 0 to 100) of the source the better our ability to perceive differences in colour, which is a considerable aid to highlighting fashion products and effective display of coloured artworks.

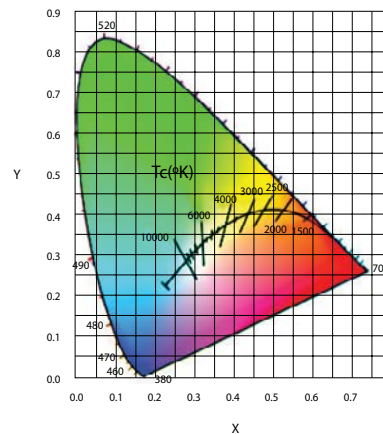
The CIE colour rendering index (CRI) is a method to determine how well a light source's illumination of eight standardised colour patches compares to the illumination provided by a reference source. At Ra (8) the perceived colour shift of eight reference colours is measured as a percentage and averaged to give one number. However it is currently understood that due to the spectral power distribution of LED's that instead of using the standard Ra8 it is important to include 7 additional colours which include red, yellow, blue & green and use Ra14 to ensure better results.



Colour Temperature

Colour temperature is a characteristic of visible light that plays a significant role in lighting applications. The colour temperature of a light source is the temperature of a perfect black-body radiator that radiates light of a similar appearance to that of the light source. The colour temperature is measured in units of absolute temperature; Kelvin (K).

Colour temperature works paradoxically to our cultural associations with colour, red as hot and blue as cold. On the black-body curve, blue occurs at higher temperatures than red. A good example is a candle which has a warm red orange appearance but in fact has a low Kelvin temperature, 1,850K. Therefore higher colour temperatures (5,000K more) are called cool colours (blueish white); lower colour temperatures (2,700K – 3,000K) are called warm colours (yellowish white through red).



The Planckian locus shows the chromaticities of black-body light sources of various colour temperatures and lines of constant correlated colour temperature shown within the CIE chromaticity diagram

Technical information

Dimmability

The Sylvania lamps range includes Dimmable LEDs lamps. Most conventional dimmers have been designed for incandescent lamps and are therefore rated for higher minimum loads (W) than LED lamps consume. There may therefore be some restrictions in terms of functionality of dimmers with individual LEDs – but when more than one lamp is used to increase the total loading, dimming becomes easier. For full list of dimmer compatibility, please consult your local salesforce.

Downward Flux Fraction (DFF)

The factor of the total LOR, which is downward, taking the combined ULOR and DLOR as 100%. Using Cassini as an example, the DLOR is 37% and the ULOR is 15% so the combined is 52%. If this is taken as 100% LOR, 72% is downward (37% divided by 52%).

Drivers

Electronic devices that transform the high mains voltage into a constant current lower voltage for operating the LEDs. A miniature electronic driver is contained inside the base of each Sylvania LED lamp.

Glare

Discomfort glare is due to a high contrast between the source of light and the task. It is for that reason that luminance values are limited for certain tasks.

Heat Sink

A device used to conduct heat away from the LED sources and dissipate it to the surrounding air. The more efficiently an LED is cooled the greater its efficacy, light output and lifetime. Materials having excellent thermal properties and optimised cooling fin geometries are engineered into our lamps and luminaires to deliver the pinnacle of performance.

Infrared (IR) Radiation

Comprises electromagnetic waves in the spectral range between visible light and microwaves, which produce a heating effect when absorbed by materials. All lamps and luminaires produce infrared radiation, but the quantity emitted by LEDs is far lower than other technologies and this makes them ideal for reducing air conditioning load, as well as for the illumination of heat-sensitive goods.

Illuminance

This definition determines the amount of light that covers a surface. If Φ is the luminous flux and S is the area of the given surface then the illuminance E is determined by $E = \Phi/S$. The unit of illumination in SI system is lx, and in foot-pound system it is footcandle. One lx is the illuminance of 1 m² surface area uniformly lighted by 1 lm of luminous flux.

Junction Temperature (Tj)

The temperature of the Junction of the LED die inside the LED lamp. Measuring the LED die temperature by direct mechanical means is difficult and may lead to erroneous results. It is recommended that the T_j is calculated with manufacturer's data through measurement of the temperature at the solder point (T_{sp}).

LED (Light Emitting Diode)

The semiconductor in the LEDs we provide emits blue light. The colour of the light ultimately depends on the phosphors used on the surface of the LED or lens.

Lens

An optical component having two refractive surfaces, at least one of which is either convex or concave. In LED lamps the function of a lens is to focus or disperse the light rays to achieve the desired beam angle or light distribution pattern.

Lifetime

LED lamps can have extremely long lives, however their light output diminishes as they age. They can carry on working until they are emitting less than 10% of their initial light output, but with so little light left they would be practically useless. Sylvania defines the lifetime of its LED lamps the same way as for other lamps: i.e. the burning hours until the light output has decreased to 70% of the initial value, or when 50% of a group of lamps will have failed – whichever is the soonest. The International Electrotechnical Commission (IEC) is currently preparing an international standard based on similar threshold values.

Visible light

Light Electromagnetic radiation with a wavelength between 380-780nm. Ultraviolet light has a wavelength of less than 380nm whilst infrared light's is greater than 720nm.

Lighting level

A measure of light falling on a particular point or surface. This unit is measured in lux.

Light output ratio

The ratio of the luminaire light output to lamp light output. The efficiency of the luminaire.

Lumen (lm)

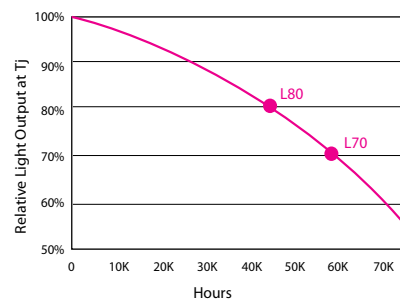
Unit of luminous flux used to describe a quantity of light emitted by a source.

Lumen Maintenance

Rated Lumen Maintenance Life (Lxx): The elapsed operating time over which the LED light source will exceed the percentage, xx, of its initial light output.

- L80 = Time to 80% lumen maintenance, in hours
- L70 = Time to 70% lumen maintenance, in hours

For LED lamps and luminaires, lumen maintenance is often shown as curves of relative lumen output over time for the LED under various operating conditions, such as drive current and junction temperature.



Luminance

The measure of brightness with which the eye perceives an illuminated surface from a certain direction. The luminous intensity per unit of visible surface of a light source (direct) or an illuminated surface (reflection). Luminance is indicated in candelas per square metre (cd/m²).

Luminous efficacy (lm/w)

Indicates how efficiently a light source converts electrical energy to light.

Luminous flux (lm)

The total light output of a light source measured in lumens.

Luminous intensity (cd)

The power of a source or illuminated surface to emit light in a particular direction, measured in candelas.

Lux (lux)

The unit of illuminance, equal to one lumen per square metre (lm/m²).

Technical information

Illuminance cone

This shows beam angle and illuminance figures at different heights.

Polar curve

The graphic representation of the luminous intensity in different directions. If two curves are plotted, the distributions are in two vertical planes. They are absolute values.

Recycling

Feilo Sylvania lamps and luminaires are extremely durable and do not contain any mercury, lead or other toxic metals. However because their drivers contain electronic components they must be disposed of as waste electrical and electronic equipment at the end of their life.

Reflector

An optical component having a reflective surface (the surface could be specular or diffusing depending on the job it is required to do) surface, which captures light rays from the source and bounces them back at a particular angle. Although more commonly used in incandescent and halogen lamps, some Sylvania LED lamps use reflectors to control their light instead of a lens.

Room index K

An index relating to the dimensions of a room influencing the amount of light emitted from the fitting onto the working surface.

$$K = \frac{a \times b}{h \times (a+b)}$$

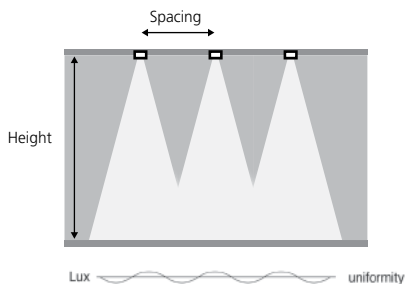
where: a = room length

b = room width

h = height between the luminaire and working surface

Spacing to height ratio (SHR)

Used to determine the maximum distance between luminaires. The ratio of the distance between adjacent luminaires to the distance between the luminaire plane and the horizontal working plane.



Switching Cycles

LED lamps cannot be switched on and off indefinitely, but are rated to tolerate an impressive 60,000 switching cycles or more.

TCO (Total Cost of Ownership)

TCO includes all the costs over the entire life of a lamp or for a particular operating time. It covers procurement costs, electricity consumption costs, relamping costs and may even incorporate a reduction in the necessary air conditioning load. LEDs are presently more expensive to purchase than lamps based on other technologies, but their minimal energy consumption results in rapid payback when replacing incandescent and halogen lamps.

Transformer

A device for reducing the high mains voltage down to a lower voltage. A distinction is made between conventional (magnetic) transformers and electronic transformers.

Uniformity ratio of illuminance

This indicates the degree of evenness of the light on the working surface and is shown as a ratio of the minimum to the mean lighting level on a surface. It becomes less even as the uniformity decreases. Typically you want 0.7 as a min for most schemes.

Ultra Violet (UV) radiation

Comprises electromagnetic waves in the spectral range between visible light and X-rays, which are invisible to the human eye but essential for all life (delivered via natural sunlight). Small amounts of UV are emitted by many light sources (e.g. Halogen and Discharge) and over time will cause fading of coloured objects being illuminated. Feilo Sylvania lamps and luminaires do not emit any UV radiation.

Utilisation factor

The ratio of the light flux which the reference surface receives to the total luminous flux. This is influenced by the shape of the room and selected luminaire and is expressed in the form of UF tables.

Emergency Lighting

Emergency lighting is a vital and necessary safety requirement for most building types. The safety it provides for occupants is paramount and not negotiable.

Product Safety

- All Feilo Sylvania emergency luminaires carry the CE mark. They are designed to conform to BS EN 60598-2-22 and are manufactured in accordance with the quality system BS EN ISO 9001 under certificate number FM01687
- Any emergency lighting luminaire conversion other than by Feilo Sylvania to a CE marked luminaire invalidates this CE marking and its associated legal protection

Emergency Lighting Equipment

This comprises an inverter plus a set of batteries, which conform to BS EN 60598-2-22 and may be mounted:

- Integral within the luminaire (self contained – integral)
- Remote from, but within 1 metre of, the luminaire (self contained remote)

Non-maintained Operation

In this mode of operation the emergency lighting lamps are not normally energized. An automatic monitoring and switching system is provided to switch on the emergency lighting if the normal supply is interrupted

Maintained Operation

- A single lamp is used for both general and emergency modes
- In multi-lamp luminaires only one lamp will be used for the provision of emergency illumination
- Emergency lighting is provided for at least 3 hours (1 hour duration available to special order)

Maintained Remote Emergency Gear

Downlights are almost all with remote emergency packs. Linear and ambient fittings are likely to have emergency gear within the fitting. Where the housing design precludes integral gear a remote control gear box is provided complete with connection cables.

Product Combined Operation (also known as Sustained)

- Separate lamps provide general and emergency illumination
- Emergency lighting is provided for at least 3 hours. (1 hour duration available to special order)

Self-testing

Automatic self-testing and monitoring of Feilo Sylvania luminaires is available to special order on a project basis.

Central Battery

Feilo Sylvania luminaires for use with a central battery system are available to special order on a project basis

System Design

This guide should be read in conjunction with current standards

Legislation Changes & Requirements

The British Standard BS5266 has been revised to conform with the European Standard EN1838 (issued in the UK under reference BS EN1838/BS5266 Part 7) which specifies luminous requirements for emergency systems installed in premises. It also now calls up the luminaire product standard BS EN60598-2-22: 1999

Emergency lighting is provided for use when the supply to the normal lighting fails and is therefore powered from a source independent of that supplying the normal lighting. For the purposes of this standard emergency lighting is regarded as a generic term of which there are a number of forms

Definitions

Emergency Exit

An exit which is intended to be used in an emergency.

Escape Route

A route designated for escape in the event of an emergency

Emergency Escape Lighting

That part of emergency lighting that provides illumination for the safety of people leaving a location or attempting to terminate a potentially dangerous process before doing so.

Escape Route Lighting

That part of emergency escape lighting provided to ensure that the means of escape can be effectively identified and safely used when the location is occupied

Open Area Lighting

In some countries this is known as anti-panic lighting. This relates to that part of emergency escape lighting provided to avoid panic and provide illumination, allowing people to reach a place where an escape route can be identified

High Risk Task Area Lighting

That part of emergency escape lighting that provides illumination for the safety of people involved in a potentially dangerous process or situation and to enable proper shut down procedures for the safety of the operator and other occupants of the premises

Areas Covered/Levels of Illumination

Defined Escape Route

Based on 2m wide on the horizontal plane, preferably 1 lux but not less than 0.2 lux on the centre line. The lighting provided should operate within 5 seconds of the failure of the normal supply

Open Area (Sometimes referred to as 'anti-panic' lighting)

Not less than 0.5 lux at floor level of the open space. The ratio of max to min illuminance should be greater than 40:1.

These extracts are provided for guidance purposes. In order to fully comply with the many elements of the various applicable standards, a full and thorough assessment must be made

Luminaire Classifications

Quality Registered

All lighting luminaires produced by Feilo Sylvania are designed, manufactured and tested under a quality assurance system in accordance with BS EN ISO 9001 under certificate number FM 01687. Also, the company also complies with the environmental management system, BS EN ISO14001 certificate number EMS39002.

Compliance

The European Norm Electrical Certification (ENEC) has been adopted as a common mark of conformity with European Standards. A mark issued by any single national approbation body implies compliance with all seventeen international bodies. The ENEC mark now replaces the national test house symbol, and is appended by a number indicating from which test house the approbation originated.



The designated product(s) is (are) in conformity with the provisions of the following European Directives:

2014/20/EU & amendments	Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.
2014/30/EU & amendments	Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility
2009/125/EC & amendments	Directive of the European Parliament and of the Council of 21 October 2009 on the establishing a framework for the setting of ecodesign requirements for energy-related products.
2011/65/EU & amendments	Directive of the European Parliament and of the Council of 6 June 2011 on the restrictions of the use of certain hazardous substances in electrical and electronic equipment.
COMMISSION REGULATION (EU) 2019/2020 & amendments	Laying down ecodesign requirements for light sources and separate control gears (Single Lighting Regulation)

If the product incorporates radio equipment:

2014/53/EU	Directive of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC Text with EEA relevance.
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The designated product(s) is (are) in conformity with the provisions of the following UK Legislation:

The designated product(s) is (are) in conformity with the provisions of the following UK Legislation:

The Electrical Equipment (Safety) Regulations 2016

The Electromagnetic Compatibility Regulations 2016

The Ecodesign for Energy-Related Products Regulations 2011

2012 No.3032 The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

2021 No.1095 The Ecodesign for Energy-Related Products and Energy Information (Lighting Products) Regulations 2021

If the product incorporates radio equipment:

The Radio Equipment Regulations 2017

Electrical protection

EN 60598



Class I – Luminaire which relies on an earthed metal case to offer protection from live parts in case of failure.



Class II – Luminaire which relies on two layers of insulation to offer protection from live parts in case of failure.



Class III – Luminaire whose protection against electrical shock relies on supply at safely extra-low (SELV) and in which voltages higher than those of SELV are not generated

Voltage

Fittings and transformers are supplied primarily for operation on 230/240V 50 Hz. For alternative electrical specifications contact Technical Support.

Radio suppression

EN 55015, EN 61000 & EN 61547

Fittings comply with radio interference suppression and electromagnetic compatibility (EMC) regulations

Degree of protection

EN 60529

IP rating system is an International classification showing degrees of protection provided by luminaires against ingress by solid objects or moisture.

Specifications

The following notes prepared to meet the company's obligations imposed by the Health & Safety at Work Act 1974 (as amended) are of a general nature only. Specific information regarding installation use and disposal appropriate to individual models is provided in the instruction leaflet packed with the product, or can be found on the relevant pages of this catalogue.

The Health & Safety at Work Act 1974 imposes upon the users of the company's products an obligation to ensure that all personnel involved in the installation, handling, use or disposal of these products are acquainted with the information provided by the company and are made fully aware of any precautions that need to be taken.

The installation of these products should only be carried out by a qualified installer in accordance with the instructions supplied with the product.

Specifications

Leadership in design is based on constant development and improvement. Whilst great care is taken to give up-to-date information in this publication, the right is reserved to change any specifications herein detailed, without prior notice. All descriptions, illustrations etc, in this publication shall not form part of any contract.

Track and Spotlights

All track and spotlights are designed for normal, dry interiors, and are not recommended for use in damp or corrosive situations. Adequate ventilation will be necessary when tungsten spotlights are used in confined spaces where elevated temperatures will occur.

Lamps

Wattage and where applicable type of lamp are shown for every fitting. Incorrect lamps may affect efficiency, change the planned distribution, create glare and in some cases, seriously overheat the luminaire. Unless otherwise stated all luminaires are supplied without lamps.

Wiring

The majority of luminaires are fully prewired and with heat resistant cable wherever required.

Weights

Where given, the weights of luminaires do not include lamps.

Control Gear

Transformers and Control Gear are available for 240V 50HZ and 230V 50HZ with other options subject to special quotation.

240V 50HZ will be supplied unless any other voltage is requested at the time of ordering.

Ceiling Cut-outs

Throughout this publication cut-out sizes refer to the aperture for the ceiling ring with recessed fittings when mounted in soft fibrous tiles. For timber or metal tiles and cast-in construction, check dimensions on site.

Product colours and finishes

The Feilo Sylvania range of standard colours has been rationalised. This has given Feilo Sylvania the opportunity to harmonise its standard colours in line with developments that have taken place in architectural materials and building accessories.

For reference the standard paint finishes are now:

Concord luminaire

RAL 9005 Jet Black
RAL 9006 White Aluminium
RAL 9010 Pure White
RAL 9016 Traffic White

Sylvania Outdoor luminaires

RAL 9007 Grey aluminium

LED Lamps

RAL 9023 Pearl dark grey
RAL 9016 Traffic White

Please note:

- Due to photography and the printing process the colours reproduced in this catalogue may not be truly representative.
- Though paint colours may be the same, gloss, matt, satin and textured finishes will appear different.

Protection of Electronic Components

All products incorporating electronic components are protected against damage which may result from transients on the mains supply.

The level of protection incorporated is generally in excess of the minimum level specified in the current international standards.

It is the customer's responsibility to ensure that electronic equipment is not subjected to transients above these international immunity standards. In extreme cases additional suppression devices may be needed on the mains supply. The company does not take responsibility for damage to products caused by excessive mains transients.

Terms and Conditions of Sale

For our latest T&Cs - please refer to our website:
<https://www.sylvania-lighting.com/en-gb/legal/ts-and-cs-of-sale/>

Warranty Policy

For our latest warranty policy - please refer to our website:
<https://www.sylvania-lighting.com/en-gb/warranty/warranties/>

Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Feilo Sylvania International Group Kft.

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