Digital Systems 2021-2022

OSRAM brings together outstanding future-proof LED modules, drivers and control for professional lighting partners.

Light is OSRAM

OSRAM

Creating the future of light with OSRAM

For more than 110 years, the trademark OSRAM stands for innovative and sustainable development in the global lighting market. Today, OSRAM is one of the world's largest suppliers of products and solutions for a wide range of customer requirements - from lamps and modules to luminaires and high-efficiency light management systems.

OSRAM focuses all its resources on the subject of light, actively supporting its customers in making the best choices to meet their individual requirements.

With more than 24000 employees in around 120 countries. OSRAM develops tailor-made solutions to cover the specific needs of its customers.

OSRAM's energy efficient indoor and outdoor luminaires offer an outstanding performance in every respect. The service life of our LED Luminaires is upto 25 times longer than that of luminaires equipped with conventional incandescent lamps. Our mercury free LED luminaires do not only lower CO_2 emissions, they also help to prevent waste.
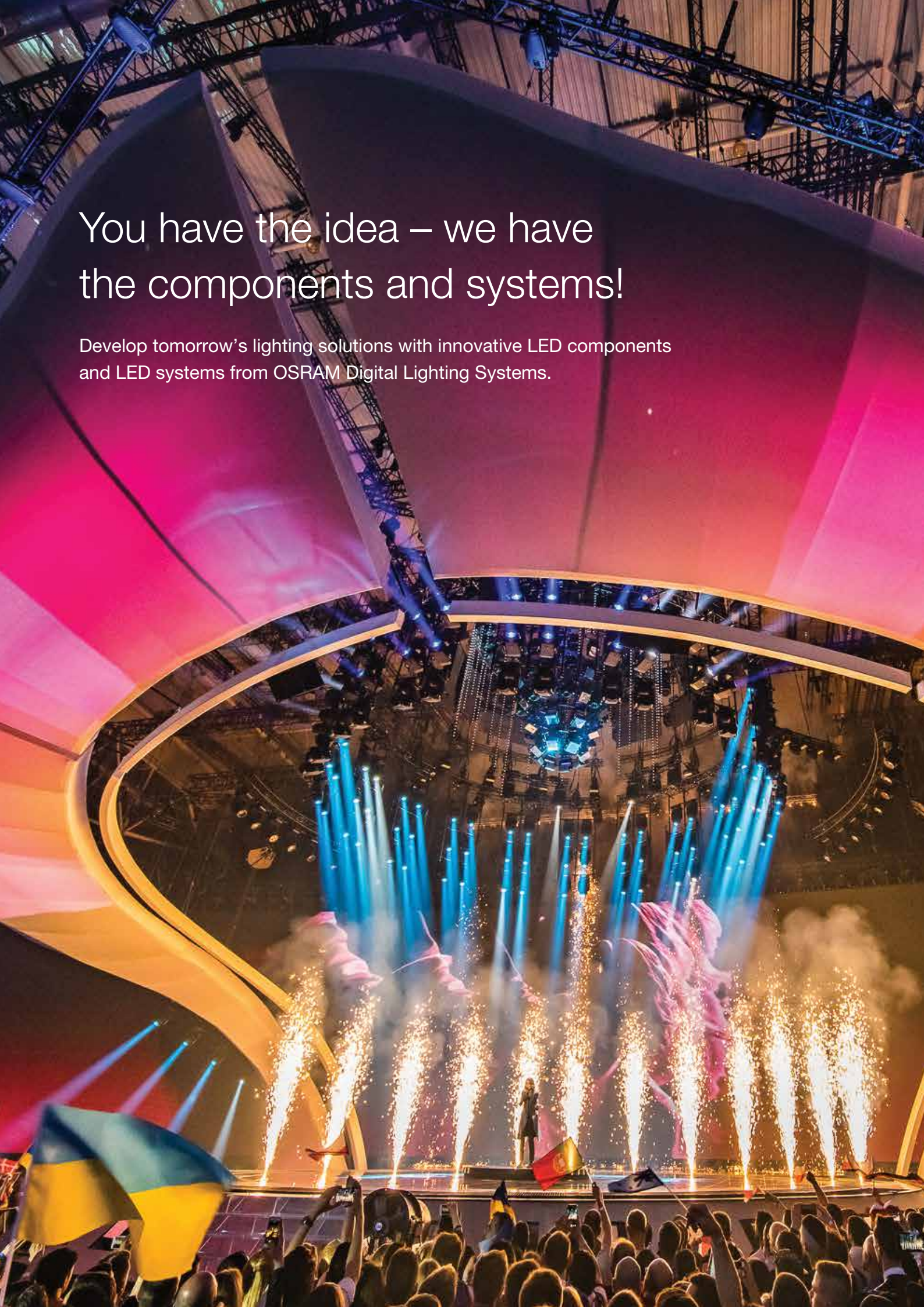
You have the idea – we have the components and systems!

Develop tomorrow's lighting solutions with innovative LED components and LED systems from OSRAM Digital Lighting Systems.

OSRAM ensures that your lighting ideas become reality

No matter what you are planning, OSRAM Digital Lighting Systems enables you to bring all your LED projects to a successful conclusion – simply and efficiently. We offer a broad range of components from a single source – LED drivers, modules and light management systems (LMS) – not to mention complete systems for every type of LED luminaire and nearly every application.

You can completely rely on OSRAM. We offer fast access to a very wide and innovative product portfolio of a consistently high quality. As our partner, you will profit from more than 20 years of experience in LED lighting technology, a powerful global brand with comprehensive services and individual support provided before, during and after your projects

OSRAM Digital Lighting Systems' wide range of products and services helps you give your customers what they want:

Design flexibility

Complete component portfolio, created with maximum compatibility and design freedom in mind, individual design-in support and customer-specific mass production.

User friendliness

Simple selection, configuration, installation and use, reliable operations for the product's entire lifespan.

Stability

Proven brand quality, long-life, efficient products, optimally coordinated systems.

Planning security

Complexity and risk reduction, simple and efficient warehousing.

OSRAM guarantee

Three or five years guarantee for our products and systems (details and general requirements: www.osram.com/guarantee)

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Digitalize your installation

OSRAM Digital Systems has produced electronic lighting components for over 30 years. As with many growing businesses, our portfolio has evolved to offer a wide range of reliable lighting electronics and control systems. We enable our customers to deliver high-quality lighting solutions, and help our partners successfully transition from the traditional lighting world to the LED world.

Looking at the upcoming transformation towards digital lighting and IoT, OSRAM DS will be the same reliable partner, developing and delivering communication modules, smart control gear, sensors and cloud solutions which will give our customers peace of mind about emerging IoT, cloud services and other data and communication technologies and standards. As a lighting specialist with a vast experience in networked solutions, gathering and analyzing lighting data; we create solutions our customers can safely design into their luminaires or projects.

Global megatrends such as urbanization, digitalization, sustainability and ageing populations are driving the need for smart infrastructures, smart buildings and smarter working spaces. This creates a variety of social and technological requirements which can no longer be fulfilled by treating building technologies as separate units. We are looking beyond lighting to provide more value with technologies such as DEXAL™ – a digital, streamlined solution that enables luminaire manufacturers to provide smart luminaires that offer data exchange and sensor connection – and HubSense® Wireless Bluetooth Mesh lighting solution with intuitive commissioning, Dali Pro 2 IOT, which unlock the potential of Internet of things in connecting to our "Lightelligence*" cloud system.

Across each of the different verticals we serve – industry (including warehouses), outdoor lighting, offices, education (schools), hospitals, retail and hospitality lighting; we see one or more of these mega-trends influencing the use of upcoming technologies. Our role is to fully utilize the value technology can offer in each application, where stakeholders in these segments look to technology to solve their pain-points.

We therefore understand that individual solutions are necessary and must be adaptable, and we are here to help our customers find these solutions together. We see strong future trends in the use of wireless technologies and IoT as the next level of optimizing end-user applications and satisfaction. We also understand the desire for consumer applications driven from smartphones, and for using digital tools to make our lives easier, in everything we do. These trends impact the DS business and are the basis of our development of technology solutions and services to help our partners in the changing world of lighting. Digitalization demands from us but also allows us to do more and offer more than lighting. Data gathered with lighting technology can be made available for application-specific needs, enhancing the world around us.

OSRAM DS is developing and will provide the enabling field technology components (drivers, sensors, light engines, controls) and systems; and also the platform, digital services (algorithms) and professional services from application support to installation, commissioning and maintenance services.

We want to take the guess work out of the design and component choices, to enable our customers to focus on their business. Whatever the individual or overall project need, we are committed to be the partner of choice and build our customers' visions with them. We support all our customers in fulfilling the high demands of the lighting market. This also includes the continued availability of traditional lighting controls for replacement purposes.

We look forward to working with you and taking the step to digitization and the world of IoT together.

www.osram.com/ds

Creating the future of light

Our comprehensive expertise in the lighting industry demonstrates our passion for light. We have been re-inventing light for more than 110 years to provide a broad, state-of-the-art product portfolio that makes it simple for our customers to serve their own customers.

We are more than our customers' partner for their current needs – OSRAM understands the challenges and opportunities of innovative lighting in the future and is driving the technological change in the lighting industry.

Facilitated by trends such as digitalization and connectivity, light will play a fundamental role in our lives in the future that goes beyond illumination – for instance in areas such as health, mobility, security and data transmission. Smart and connected systems will make our homes and cities more comfortable, secure and energy-efficient. OSRAM is already setting significant trends with regard to technological changes in the lighting market that improve quality of life.

As one of the leading light manufacturers in the world, OSRAM can leverage over a century of industry

expertise in this market.

Primarily focused on semiconductor-based technologies, our products are used in highly diverse applications ranging from virtual reality to autonomous driving and from smartphones to connected lighting solutions in buildings and cities.

For more information, please go to
www.osram.com

Innovative and compliant

In addition to the general legal requirements, statutory and regulatory requirements relating to technical regulations, norms and standards are the main provisions of relevance to the OSRAM Licht Group. The last few years have been marked by comprehensive regulatory change around the world. This is a continuing trend. In view of new regulatory requirements, we are continuously modifying the portfolio of the affected products, often improving products at an early stage and thus taking on a leading role in the lighting industry.

Since the autumn of 2015, the European Commission has been working on further tightening the Energy Efficiency Regulation. Among other things, the focus has been shifted towards new energy efficiency requirements for all types of luminaires and components in the general lighting sector. As an important member of the European Light Association, OSRAM is working towards new requirements that, in addition to the primary goals energy efficiency, resource conservation and light quality, will also meet the requirements of the users and can be implemented realistically by the industry.

A world fit to live in – today and tomorrow

OSRAM offers a wide range of innovative products for sustainable lighting solutions, from components and luminaires to light management systems. In addition to improved efficiency and cost benefits, sustainable lighting offers many other advantages. Light protects, energizes, provides comfort, for example by offering a greater sense of security, and therefore improves our quality of life. And light is fascinating. Developing new solutions for the future, creating sustainable value for our customers and the environment, and introducing them to the fascination of light – that is what inspires us. In the future, digital or connected light will take on a key role for optimum lighting control.

You will find more information on this topic at www.osram.com/sustainability

OSRAM Flex Atelier

Discover the world of flexible lighting solutions

Take a stroll through our virtual shop, the OSRAM Flex Atelier, and adapt the shop lighting to your needs.

As a service for designers and architects, we have added enhanced product information across our LINEARlight FLEX® portfolio.

Download the tender texts list at www.osram.com/ds-tender-texts or check the individual product pages.

Architectural spirit

The fourth dimension of architecture

Extraordinary building concepts are the result of a holistic approach. As an integral part of the architecture, lighting solutions support and enhance the overall visual impression. Thanks to innovative, ultra-flat and flexible lighting solutions from OSRAM, the lighting blends discreetly into the architectural concept of a room and opens up completely new opportunities for creative design.

Thanks to the UltraFlat System, luminaire manufacturers and lighting planners profit from an unprecedented level of design freedom. The currently flattest lighting system on the market with a casing height of only 11 mm allows for the design of extremely slim luminaires. The portfolio consists of ultra-flat DALI LED drivers, perfectly matched light and presence sensors as well as the particularly slim PrevaLED® Linear LED modules in various light colors and lengths.

In addition, the LINEARlight FLEX® system offers maximum flexibility – with a wide selection of different LED modules, the corresponding LED drivers and a comprehensive range of accessories, the so-called Flexessories®. While LED strips are hidden in light coves, suspended ceilings or furniture systems, BackLED® LED modules provide a particularly homogeneous backlighting in light ceilings. This way, light sets up the visual framework for the architecture and takes the overall concept to a new level. In other words, light becomes the fourth dimension of space.

Make your visionary design come true with ultra-flat lighting systems from OSRAM.

Thanks to ultra-flat lighting solutions, the lighting blends discreetly into the architectural concept of a room

Shop/Hospitality

Sensual experience in shops and hospitality areas

Stationary retail stores have to compete with the high product availability offered by online shops and face fierce competition. Therefore, it is becoming increasingly important for them to create a stimulating shopping experience with new lighting concepts. In the hospitality and hotel business, lighting triggers emotions and creates an ambience that enhances the well-being of the guests.

Miniaturized LED lighting systems open up new opportunities for the subtle integration of luminaires into their environment – in shop as well as hotel and hospitality lighting. Spotlights and downlights are therefore getting increasingly smaller and more efficient, while covering a broad spectrum of applications. The LED modules of the PrevaLED® Core family are ideal for the design of elegant track lights and spotlights. Thanks to a wide choice of lumen packages and light colors, they offer high flexibility and can therefore be used in any area.

The adjustment of the light color to the illuminated products is crucial for the shopping experience. For example, LINEARlight FLEX® POWER LED modules with the the special light colors Meat or Veggie White are suitable for the presentation of food. In the hospitality sector, the lighting mood plays a more important role. In combination with the new LED driver families OT FIT LT2 S and OT FIT CS G2, the LED modules LINEARlight FLEX®, LINEARlight FLEX® Tunable White and LINEARlight FLEX® POWER allow you to adjust a great variety of different lighting scenes.

Create an inspiring atmosphere for customers and guests – with our compact lighting systems.

Outdoor

Smart street lighting with NFC

In modern street lighting, safety and lighting mood have top priority. For cities and municipalities, energy efficiency and easy operation are also of great importance. The new OSRAM LED drivers of the product families OT 1DIM and OT 4DIM NFC meet these requirements and offer even more. Thanks to contactless NFC programming with Tuner4TRONIC®, you can reduce the complexity associated with the application of energy-saving LED luminaires and lower costs for maintenance and stock management.

Street lights with LED technology allow for high energy savings as the brightness and the dimming level, for example, can be adjusted to the requirements. This, however, drastically increases the number of different luminaire types in municipalities, leading to a higher complexity of maintenance and storage. In order to reduce this complexity, OSRAM has developed the intelligent NFC-ready LED drivers of the product

families OT 1DIM and OT 4DIM NFC. These make it possible to use flexible LED street lights that support various lumen packages, dimming modes and dimming levels.

In luminaire manufacturing, the LED drivers can be programmed efficiently with the software Tuner4TRONIC® and the corresponding NFC devices. Moreover, they can be easily programmed via smartphone with the Tuner4TRONIC® Field app, which provides municipalities and assigned installers with a simple way to replace defective LED drivers and extend existing installations – and this without requiring mains voltage.

> Rely on a future-proof solution – with our NFC-ready LED drivers.

Thanks to NFC, municipalities can optimize energy efficiency without additional efforts for stock management and maintenance

HCL solutions focus on humans and the optimal light for their needs

HCL

Biologically effective light for balance and well-being

Modern lighting offers more than just optimum visibility. With innovative concepts for Tunable White and Human Centric Lighting (HCL), OSRAM uses the many positive effects of light in order to create more pleasant working environments.

HCL solutions, for example, bring the natural course of daylight and its biological effects into indoor areas. This is achieved by using artificial light with the right brightness and color temperature to supplement the daylight. The interplay of light and room climate creates an atmosphere that has a positive impact on the well-being of humans as well as on their productivity and health. This requires the application of HCL-ready luminaires that allow for melanopically effective lighting.

In combination with suitable OPTOTRONIC® OTi DALI TW LED drivers, the LED modules PrevaLED® Linear Tunable White, LINEARlight FLEX® Tunable White and BackLED® TW Plus provide a high light quality and a wide spectrum of light colors from 2,700 to 6,500 K. Lighting systems from OSRAM can be implemented in installations of any size. Light management systems such as DALI MCU TW, DALI ACU BT or DALI PROFESSIONAL form their centerpiece. Our range of solutions extends from the manual control of single rooms with Tunable White to dynamic daylight- and presence-dependent control in comprehensive HCL applications.

Improve the quality of life with light quality – with our efficient lighting systems.

Industry

Efficient LED-based industry lighting systems

High ceilings in production and logistics facilities call for lighting components with long lifetimes, wide temperature ranges, high light output levels and a high quality of light for effective working. In order to cut costs while providing high-performance lighting, many luminaire manufacturers today rely on robust LED components and intelligent control technology from OSRAM.

Our extremely reliable and energy-efficient LED system components for the industrial sector save lots of energy and reduce maintenance effort to a minimum – with perfectly matched LED modules, LED drivers and intelligent lighting control systems. With OPTOTRONIC® Intelligent DALI 100 IND and OPTOTRONIC® Intelligent DALI 150 IND as well as the OPTOTRONIC® FIT IND drivers, which are available in mid-2018, OSRAM offers state-of-the-art constant-current LED drivers that have been specially designed for industrial applications, e.g. production areas, warehouses and high-back racking.

In combination with daylight and motion sensors, innovative light management systems from OSRAM make lighting control as easy, modern and versatile as never before. With DALI PROFESSIONAL combined with the DALI PRO Control app, even complex lighting scenarios can easily be realized and controlled via smartphone.

> **Develop durable and energy-efficient lighting systems – with our future-proof technologies.**

In industrial applications, the
uninterrupted operation of the
lighting is of crucial importance

App control

Wireless control via smartphone

In the connected world, the smartphone is increasingly
becoming a central element. Thanks to versatile
interfaces and easy-to-use apps, it also turns into
an intuitive tool for intelligent lighting controls. If you
would like to switch to lighting control via smartphone,
OSRAM offers various simple solutions – for luminaires
as well as LED modules. Moreover, all types of
installation are covered and easy commissioning via
app is also possible in some cases.

With their Bluetooth® interface, the DALIeco BT
and DALI ACU BT controllers are ideally suited
for the lighting control of small and medium-sized
DALI installations via smartphone. Both controllers
also support Tunable White luminaires. The DALI
PROFESSIONAL light management system is used for
installations with over 30 light points.

Furthermore, OSRAM also offers wireless systems that
increase flexibility and energy efficiency due to the
lack of wiring, e.g. in offices and industrial facilities.
In this case, not only the remote control (smartphone)
and the light installation are connected, but the
luminaire components (controllers, sensors etc.) are
also linked to each other in a wireless network.

Switch now to lighting control via
smartphone and make lighting as easy
as it gets.

Applications

Office lighting

Focusing both on design and human needs, OSRAM lighting systems provide the basis for modern office lighting. Tunable White (TW) and Human Centric Lighting (HCL) help to improve the well-being and productivity of office workers. To provide optimal simulation of the natural daylight cycle, HCL concepts use area light sources that can be equipped with BackLED® TW Plus, PrevaLED® Linear Tunable White or LINEARlight FLEX® Tunable White LED modules. For the control of TW and HCL, OSRAM offers solutions for any project size, e.g. DALIeco BT, DALI PROFESSIONAL.

These light managements systems also allow for wireless control with smartphones, providing optimum ease of use and reducing installation costs in some cases. A highlight in terms of futuristic design is the UltraFlat system. Combining extremely flat LED drivers with sensors and the PrevaLED® Linear LED modules, it gives unprecedented freedom in the design of slim floor-standing and pendant luminaires, which become unique eye-catchers in any office.

Turn offices into a source of well-being and inspiration.

Retail and shop lighting

In shops and supermarkets, lighting plays a vital role in drawing the customer's attention to selected products or areas. LED technology achieves even more: It improves energy efficiency and creates a universe of colors that stimulate shopping.

The ever decreasing dimensions of spot- and downlights demand extremely compact LED modules, drivers and sensors. Moreover, excellent light quality, the specific color rendering and efficient light management are necessary to display the presented products in the perfect way. In combination with our compact LED drivers, such as the OT FIT LT2 S, the slim LED modules PrevaLED® Core and LINEARlight FLEX® Tunable White provide the perfect light for every situation, from sales counters and cash desk areas to subtle shelf lighting.

Make shopping an experience – thanks to LED.

Hospitality lighting

Intelligent and cost-efficient LED lighting systems combine functional and decorative lighting in hotels, bars, restaurants and wellness centers. For hospitality areas, our product range includes compact system solutions for spotlights and downlights, such as PrevaLED® Core for reception areas and PrevaLED® Flat AC for corridors in hotels. In addition, we also offer flexible LINEARlight FLEX® LED strips for integrated lighting. Due to flexible and individual lighting control, the LED modules and drivers can create the right atmosphere by dividing rooms into different zones, enhancing privacy or relaxation while ensuring that public areas are brightly lit. Tunable White light from warm to cold white and an almost endless variety of colors allow for customized lighting that suits each area. An overall light management system helps you to adjust the light output automatically according to the amount of natural light, achieving highest efficiency and low operating costs.

Set the right mood for guests with LED light and turn every stay into a special occasion.

Art and museum lighting

Lighting systems in museums and galleries have to present the works of art with the optimal brightness, in the right light color and without disturbing glare effects. For these requirements, our LED systems offer a wide range of white and colored light in various light intensities. Our portfolio includes, for example, light engines and modules for spotlights and downlights, the OT FIT Compact LED drivers and the LINEARlight FLEX® LED strips for attractive embedded lighting. With our efficient light management systems, such as DALI PROFESSIONAL and DALI MCU, predefined constant or dynamic scenes can be set very easily and comfortably.

Furthermore, it is possible to control the combination of daylight and artificial light with high precision. The use of sensors opens up additional options to reduce energy consumption by switching on the light only when visitors are present.

Find the right balance between architecture, costs and energy efficiency.

Backlighting and signage

An eye-catching LED backlighting and signage is simply ideal to flexibly design customized solutions for companies and shops. LED solutions provide homogeneous brightness levels for advertisement as well as logos and ensure precise control of illuminated signage applications. Our highly functional and reliable systems, consisting of high-performance LED modules, perfectly matched constant-voltage LED drivers (12 V and 24 V), various mounting accessories and intelligent light management systems, such as the DALI MCU TW, open up numerous opportunities for indoor and outdoor applications. Both the BackLED® and BoxLED® product families include various LED modules for the brilliant direct backlighting of channel letters and provide even, powerful and efficient illumination in light boxes.

This combination of homogeneous illumination, flexibility and a huge variety of colors gives you the design freedom you need. Perfect support is provided by the LED deSIGNer software, which automatically calculates the exact number of LED modules, ECGs and mounting profile components for a given project.

Attract great attention with tailored LED solutions.

Architectural and facade lighting

Based on cutting-edge lighting technology, the smooth interplay of light and shade highlights distinctive architectural structures to make buildings stand out from their environment.

LED luminaires and modules for outdoor applications, such as the flexible LED strip LINEARlight FLEX® Protect ADVANCED, offer superior efficiency and extreme color stability. They withstand the harshest weather conditions and deliver the energy efficiency and durability required for long-term operation. Professional light management systems allow you to smoothly control colors and energy requirements. After an easy installation of the luminaires and light engines, you can save pre-defined light scenarios and dynamic light sequences and activate them via remote control, smartphone, a central touchpad or a motion sensor.

Provide LED architectural lighting that presents every facade in the perfect light.

Industrial and logistics lighting

The correct level of light is essential in factory and warehouse settings to ensure high productivity and safety. Our perfectly matched system solutions are the ideal choice for the most challenging environments. With cutting-edge LED modules such as PrevaLED® Basic Linear or PrevaLED® Linear G4, they provide durable, high-quality lighting at high and low temperature extremes and over long operating hours, e.g. in trunking systems or water-proof, batten and high-bay luminaires. Our OTi DALI 100 IND, OTi DALI 150 IND and OT FIT IND (available in mid-2018) LED drivers have been designed to meet the special requirements of industrial applications. Efficient and convenient control is realized with sensor-based light management systems.

Combined sensors with a detection range of up to 9 meters and a height of up to 13 meters are available for this purpose. With the DALI PROFESSIONAL light management systems, we offer a perfect fit for any project size.

Use efficient lighting systems that have been specially designed for industrial use.

Smart city and street lighting

In modern street lighting, our smart outdoor technologies ensure easy installation and maintenance as well as energy-efficient operation. With the Tuner4TRONIC® software suite for Windows, the OT 1DIM and OT 4DIM NFC LED drivers from OSRAM can be programmed in a very simple and fast way. Thanks to contactless NFC programming, they allow the easy configuration of luminaires that can be flexibly adapted to different requirements. These flexible NFC luminaires significantly reduce the complexity associated with the use of energy-saving LED technology: They enable cities and municipalities to achieve new levels of energy efficiency with less effort, reducing time and costs of stock keeping and maintenance.

If a luminaire has to be replaced, it is possible to copy the original configuration of the failed LED luminaire and paste the data into the new LED driver via the Tuner4TRONIC® Field app.

Rely on a future-proof solution with NFC-ready LED drivers from OSRAM.

Case study

Glamor at its best – the award-winning "Gold on 27" bar lighting concept – a modern interpretation of Arabian luxury
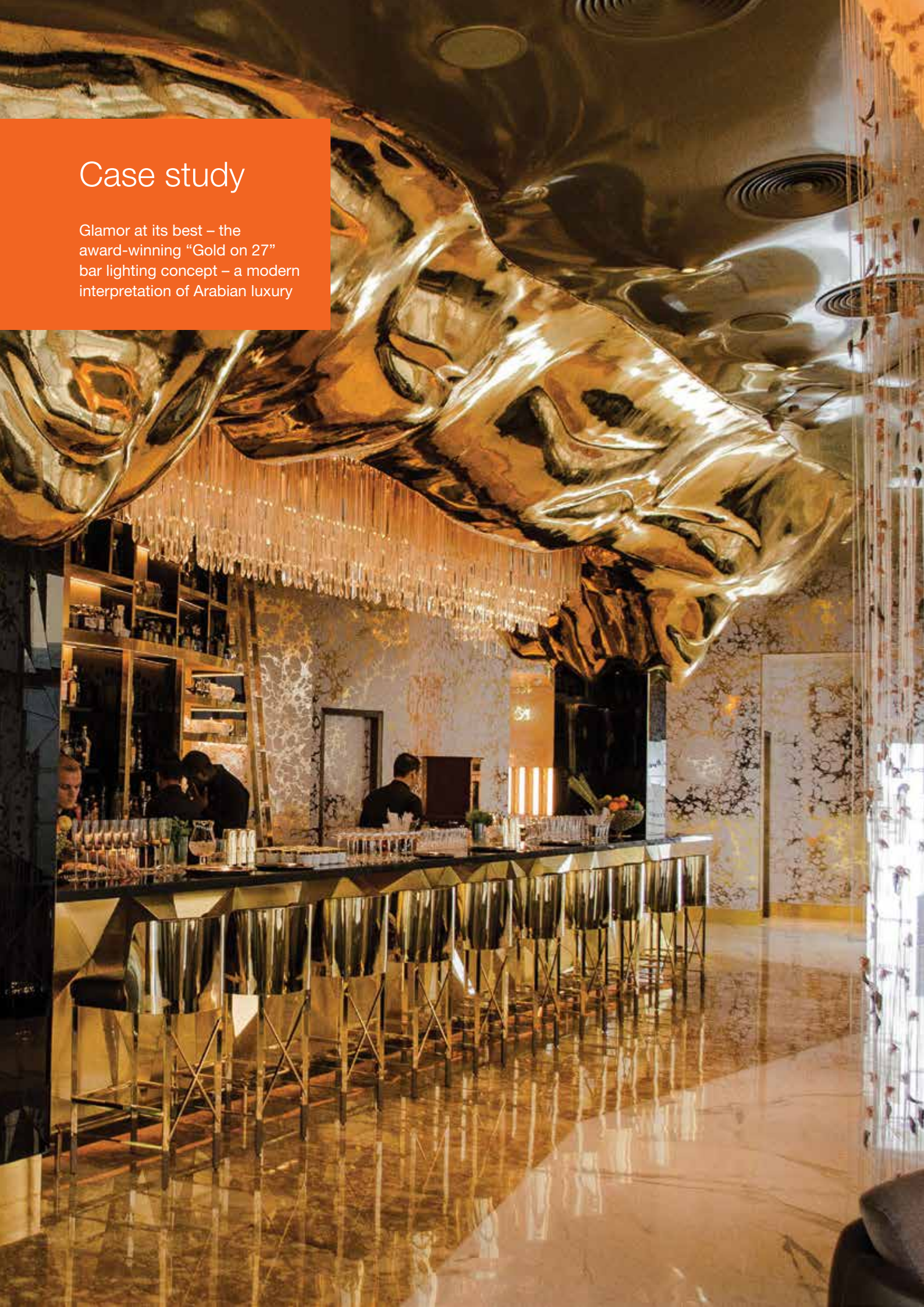
The "Gold on 27" bar in the only 7-star hotel in the world, the Burj Al Arab, sets new standards in terms of interior and lighting design. The award-winning lighting concept was created with Delta Lighting Solutions and interior designers from Keane Brands.

The lighting planners skillfully used light to accentuate the design elements to perfection: the metallic surfaces, the gold patterns on the walls, the golden sculpture on the ceiling and the illuminated bar shelves.

"Lighting the shelving and work spaces was a special challenge for us because we were not allowed to change anything on the walls. But the wall curves precisely at this point. So the lighting also had to be curved," says lead designer Patricia López-Yánez. "We decided to use LINEARlight FLEX® ShortPitch because these dimmable LED strips are very flexible and easy to cut, even into very small pieces.

As a result, we were able to adapt them exactly to the counter and the shelves and achieve exactly the lighting effects we wanted. We used OPTOTRONIC® OTi DALI 75/220 LED drivers from OSRAM because they are so compact that you can install them even in the smallest of spaces." The extremely small distance between LEDs means that the flexible LED strips provide sufficient illumination.

A warm color temperature of 2,700 K highlights the golden color, and the satinized diffuser softly distributes the light along the back wall of the shelving. Despite the highly reflective metal surface, a diffuse light is produced.

Finally, for the perfect mood, programmable lighting scenes were created for sunset, night and special occasions.

www.osram.com/gold-on-27

Light Engine – Spot Downlights

PrevaLED® COIN 35 DC COB G2
PrevaLED® COIN 50 DC COB G2
PrevaLED® COIN 111 DC COB G2
PrevaLED® CORE Pro
PrevaLED® CORE Mini

PrevaLED® COIN

Light is reliable: Quickly connect to the LED age

PrevaLED® COIN products combine effortless and quick installation with easy operation with OSRAM drivers, long lifetime, high reliability and an amazing level of efficiency. Moreover, PrevaLED® COIN is highly flexible due to the easy replacement of the modules. It is an easy and simple solution for MR16 and AR111 form factors.

PrevaLED® COIN 35 DC COB G2

LED Modules with Integrated Optics and Heat Sinks

Benefits

— Compact form factor compatible with conventional MR11 lamps
— Precise optical control
— Free from multi-shadow issue with single light source

Features

— Color consistency < 2SDCM
— TM30 compliant, CRI 90
— High flux output up to 650lm
— Beam angle of 24° & 36°

Applications

— Retail, shop, restaurant, hospitality
— High-end residential

Product	EAN	Nominal If [mA]	Nominal Voltage	Nominal Power [W]	Color Temp. [K]	Nominal Flux [lm]	Typ. CRI [Ra]	Efficancy [lm/W]
PrevaLED® COIN 35 DC COB G2								
PL-CN35-COB-600-927-24D-G2	4062172175692	180	32.6	5.9	24	2700	575	90
PL-CN35-COB-600-927-36D-G2	4062172175715	180	32.6	5.9	36	2700	605	90
PL-CN35-COB-600-930-24D-G2	4062172175739	180	32.6	5.9	24	3000	635	90
PL-CN35-COB-600-930-36D-G2	4062172175753	180	32.6	5.9	36	3000	590	90
PL-CN35-COB-600-940-24D-G2	4062172175777	180	32.6	5.9	24	4000	620	90
PL-CN35-COB-600-940-36D-G2	4062172175791	180	32.6	5.9	36	4000	650	90

PrevaLED® COIN 50 DC COB G2

LED Modules with Integrated Optics and Heat Sinks

Benefits

— Compact form factor compatible with conventional MR16 lamps
— Precise optical control
— Free from multi-shadow issue with single light source

Features

— Color consistency < 2SDCM
— TM30 compliant, CRI 80 & 90
— High flux output up to 1500lm
— Beam angle of 24° & 36°

Applications

— Retail, shop, restaurant, hospitality
— High-end residential

Product	EAN	Nominal If [mA]	Nominal Voltage	Nominal Power [W]	Color Temp. [K]	Nominal Flux [lm]	Typ. CRI [Ra]	Efficancy [lm/W]
PrevaLED® COIN 50 DC COB G2								
PL-CN50-COB-1400-927-24D-G2	4052899621190	350	36.5	12.8	24	2700	1220	90
PL-CN50-COB-1400-930-24D-G2	4052899621206	350	36.5	12.8	24	3000	1285	90
PL-CN50-COB-1400-935-24D-G2	4052899621213	350	36.5	12.8	24	3500	1325	90
PL-CN50-COB-1400-940-24D-G2	4052899621220	350	36.5	12.8	24	4000	1350	90
PL-CN50-COB-1400-827-24D-G2	4052899621237	350	36.5	12.8	24	2700	1430	80
PL-CN50-COB-1400-830-24D-G2	4052899621244	350	36.5	12.8	24	3000	1500	80
PL-CN50-COB-1400-840-24D-G2	4052899621251	350	36.5	12.8	24	4000	1575	80
PL-CN50-COB-1400-865-24D-G2	4052899621268	350	36.5	12.8	24	6500	1575	80
PL-CN50-COB-1400-927-40D-G2	4052899621299	350	36.5	12.8	40	2700	1210	90
PL-CN50-COB-1400-930-40D-G2	4052899621305	350	36.5	12.8	40	3000	1270	90
PL-CN50-COB-1400-935-40D-G2	4052899621312	350	36.5	12.8	40	3500	1210	90
PL-CN50-COB-1400-940-40D-G2	4052899621329	350	36.5	12.8	40	4000	1335	90
PL-CN50-COB-1400-827-40D-G2	4052899621336	350	36.5	12.8	40	2700	1411	80
PL-CN50-COB-1400-830-40D-G2	4052899621343	350	36.5	12.8	40	3000	1485	80
PL-CN50-COB-1400-840-40D-G2	4052899621350	350	36.5	12.8	40	4000	1555	80
PL-CN50-COB-1400-865-40D-G2	4052899621367	350	36.5	12.8	40	6500	1555	80
PL-CN50-COB-1400-930UW-24D-G2	4052899621275	350	34.5	12.1	24	3000	1260	90
PL-CN50-COB-1400-935UW-24D-G2	4052899621282	350	34.5	12.1	24	3500	1315	90
PL-CN50-COB-1400-930UW-40D-G2	4052899621374	350	34.5	12.1	40	3000	1245	90
PL-CN50-COB-1400-935UW-40D-G2	4052899621381	350	34.5	12.1	40	3500	1300	90
COIN 50 - Dim to Warm								
PL-CN50-COB- 900-D2W-15D-G1	4052899607880	350	37	12.4	15	2700 - 1800	912	90
PL-CN50-COB- 900-D2W-24D-G1	4052899605763	350	37	12.4	24	2700 - 1800	876	90
PL-CN50-COB- 900-D2W-40D-G1	4052899605787	350	37	12.4	40	2700 - 1800	846	90
COIN 50 - Tunable White								
PL-CN50-COB-900-TW-80-40D-G1	4062172081344	300	33	10.1	40	2700-6500	910-1020	80
PL-CN50-COB-900-TW-80-24D-G1	4062172081320	300	33	10.1	40	2700-6500	865-970	80
PrevaLED® COIN 50 COB G2 - IN								
PL-CN50-COB-900-930-40D-G2-IN	4062172226738	250	35	8.7	40	3000	900	90
PL-CN50-COB-900-940-40D-G2-IN	4062172226790	250	35	8.7	40	4000	900	90
PL-CN50-COB-900-930-24D-G2-IN	4062172226752	250	35	8.7	24	3000	900	90
PL-CN50-COB-900-940-24D-G2-IN	4062172226776	250	35	8.7	24	4000	900	90

PrevaLED® COIN 111 DC COB G2

LED Modules with Integrated Optics and Heat Sinks

Benefits

— Compact form factor compatible with conventional AR111 CDM lamps
— High color rendering performance, complying with IES TM30
— Free from multi-shadow issue with single light source
— Flexible combination of flux output and beam angle

Applications

— Retail, Shop
— Restaurant
— Hospitality, Residence
— Gallery and museum
— Office

Technical Operating Data

Product	EAN	Nominal If [mA]	Vin dc	Nominal Power [W]	Radiance Angle [°]	Color Temp. [K]	Nominal Flux [lm]	Typ. CRI [Ra]
PL-CN111-COB-2800-830-15D-G2	4052899621664	2686	34-36.5	25.3	15	3000	2686	80
PL-CN111-COB-2800-840-15D-G2	4052899621671	2839	34-36.5	25.3	15	4000	2839	80
PL-CN111-COB-2800-865-15D-G2	4052899621688	2808	34-36.5	25.3	15	6500	2808	80
PL-CN111-COB-2800-927-15D-G2	4052899621695	2180	34-36.5	25.3	15	2700	2180	90
PL-CN111-COB-2800-930-15D-G2	4052899621701	2293	34-36.5	25.3	15	3000	2293	90
PL-CN111-COB-2800-935-15D-G2	4052899621718	2363	34-36.5	25.3	15	3500	2363	90
PL-CN111-COB-2800-940-15D-G2	4052899621725	2413	34-36.5	25.3	15	4000	2413	90
PL-CN111-COB-2800-930UW-15D-G2	4052899621732	2128	34-36.5	25.3	15	3000	2128	90
PL-CN111-COB-2800-935UW-15D-G2	4052899621749	2149	34-36.5	25.3	15	3500	2149	90
PL-CN111-COB-2800-830-24D-G2	4052899621756	2623	34-36.5	25.3	24	3000	2623	80
PL-CN111-COB-2800-840-24D-G2	4052899621763	2773	34-36.5	25.3	24	4000	2773	80
PL-CN111-COB-2800-865-24D-G2	4052899621770	2743	34-36.5	25.3	24	6500	2743	80
PL-CN111-COB-2800-927-24D-G2	4052899621787	2129	34-36.5	25.3	24	2700	2129	90
PL-CN111-COB-2800-930-24D-G2	4052899621794	2240	34-36.5	25.3	24	3000	2240	90
PL-CN111-COB-2800-935-24D-G2	4052899621800	2309	34-36.5	25.3	24	3500	2309	90
PL-CN111-COB-2800-940-24D-G2	4052899621817	2357	34-36.5	25.3	24	4000	2357	90
PL-CN111-COB-2800-930UW-24D-G2	4052899620971	2078	34-36.5	25.3	24	3000	2078	90
PL-CN111-COB-2800-935UW-24D-G2	4052899620988	2100	34-36.5	25.3	24	3500	2100	90
PL-CN111-COB-2800-830-40D-G2	4052899620995	2561	34-36.5	25.3	40	3000	2561	80
PL-CN111-COB-2800-840-40D-G2	4052899621008	2706	34-36.5	25.3	40	4000	2706	80
PL-CN111-COB-2800-865-40D-G2	4052899621015	2678	34-36.5	25.3	40	6500	2678	80
PL-CN111-COB-2800-927-40D-G2	4052899621022	2079	34-36.5	25.3	40	2700	2079	90
PL-CN111-COB-2800-930-40D-G2	4052899621039	2186	34-36.5	25.3	40	3000	2186	90
PL-CN111-COB-2800-935-40D-G2	4052899621046	2254	34-36.5	25.3	40	3500	2254	90
PL-CN111-COB-2800-940-40D-G2	4052899621053	2301	34-36.5	25.3	40	4000	2301	90
PL-CN111-COB-2800-930UW-40D-G2	4052899621060	2029	34-36.5	25.3	40	3000	2029	90
PL-CN111-COB-2800-935UW-40D-G2	4052899621077	2049	34-36.5	25.3	40	3500	2049	90
PL-CN111-COB-4300-830-24D-G2	4052899621398	4185	34-36.5	36.7	24	3000	4185	80
PL-CN111-COB-4300-840-24D-G2	4052899621404	4424	34-36.5	36.7	24	4000	4424	80

Product	EAN	Nominal If [mA]	Vin dc	Nominal Power [W]	Radiance Angle [°]	Color Temp. [K]	Nominal Flux [lm]	Typ. CRI [Ra]
PL-CN111-COB-4300-865-24D-G2	4052899621411	4356	34-36.5	36.7	24	6500	4356	80
PL-CN111-COB-4300-927-24D-G2	4052899621428	3396	34-36.5	36.7	24	2700	3396	90
PL-CN111-COB-4300-930-24D-G2	4052899621435	3572	34-36.5	36.7	24	3000	3572	90
PL-CN111-COB-4300-935-24D-G2	4052899621442	3685	34-36.5	36.7	24	3500	3685	90
PL-CN111-COB-4300-940-24D-G2	4052899621459	3765	34-36.5	36.7	24	4000	3765	90
PL-CN111-COB-4300-930UW-24D-G2	4052899621466	3301	34-36.5	36.7	24	3000	3301	90
PL-CN111-COB-4300-935UW-24D-G2	4052899621473	3335	34-36.5	36.7	24	3500	3335	90
PL-CN111-COB-4300-830-40D-G2	4052899621480	4087	34-36.5	36.7	40	3000	4087	80
PL-CN111-COB-4300-840-40D-G2	4052899621497	4320	34-36.5	36.7	40	4000	4320	80
PL-CN111-COB-4300-865-40D-G2	4052899621503	4253	34-36.5	36.7	40	6500	4253	80
PL-CN111-COB-4300-927-40D-G2	4052899621510	3316	34-36.5	36.7	40	2700	3316	90
PL-CN111-COB-4300-930-40D-G2	4052899621527	3488	34-36.5	36.7	40	3000	3488	90
PL-CN111-COB-4300-935-40D-G2	4052899621534	3598	34-36.5	36.7	40	3500	3598	90
PL-CN111-COB-4300-940-40D-G2	4052899621541	3677	34-36.5	36.7	40	4000	3677	90
PL-CN111-COB-4300-930UW-40D-G2	4052899621558	3223	34-36.5	36.7	40	3000	3223	90
PL-CN111-COB-4300-935UW-40D-G2	4052899621565	3256	34-36.5	36.7	40	3500	3256	90
PL-CN111-COB-4300-830-60D-G2	4052899621572	4037	34-36.5	36.7	60	3000	4037	80
PL-CN111-COB-4300-840-60D-G2	4052899621589	4269	34-36.5	36.7	60	4000	4269	80
PL-CN111-COB-4300-865-60D-G2	4052899621596	4202	34-36.5	36.7	60	6500	4202	80
PL-CN111-COB-4300-927-60D-G2	4052899621602	3276	34-36.5	36.7	60	2700	3276	90
PL-CN111-COB-4300-930-60D-G2	4052899621619	3446	34-36.5	36.7	60	3000	3446	90
PL-CN111-COB-4300-935-60D-G2	4052899621626	3554	34-36.5	36.7	60	3500	3554	90
PL-CN111-COB-4300-940-60D-G2	4052899621633	3632	34-36.5	36.7	60	4000	3632	90
PL-CN111-COB-4300-930UW-60D-G2	4052899621640	3184	34-36.5	36.7	60	3000	3184	90
PL-CN111-COB-4300-935UW-60D-G2	4052899621657	3217	34-36.5	36.7	60	3500	3217	90

COIN 111 - Dim to Warm

Product	EAN	Nominal If [mA]	Vin dc	Nominal Power [W]	Radiance Angle [°]	Color Temp. [K]	Nominal Flux [lm]	Typ. CRI [Ra]
PL-CN111-COB- 2000-D2W-40D-G1	4052899605824	700	37	26.9	40	2700 -1800	1800	90
PL-CN111-COB- 2000-D2W-24D-G1	4052899605800	700	37	26.9	24	2700 -1800	1909	90

1. Nominal performance is measured at steady status when: PL-CN111-COB-1800-xxx-xxD-G2 @ Tp=55°C, PL-CN111-COB-2800-xxx-xxD-G2@ Tp=65°C, @ PL-CN111-COB-4300-xxx-xxD-G2 @ Tp=75°C.

2. Tolerance of measurements for the luminous flux is and efficacy ±5%

Technical Features

— Color consistency: < 3 SDCM
— CRI 80 and 90 (TM30 compliant)
— Flux range 1800 – 4800lm

— Beam angle 15°, 24°, 40°, 60°
— L80B50 50khrs at Ta 25⁰C

PrevaLED® CORE Pro

COB Light Engines and Modules for Spot Lights, Down Lights and Wall Mounted Luminaires

Benefits

— High quality of light, complying with IES TM30-15 standard
— Separable COB and holder to improve assembly flexibility
— Single LES 19mm with wide flux range to simplify optics solution
— Industrial standard package size to shorten design lead-time

Applications

— Retail shop
— Restaurant, Hospitality
— Gallery and Museum

Technical Operating Data

Product	EAN	Nominal If [mA]	Nominal Voltage	Nominal Power [W]	Color Temp. [K]	Typical Flux [lm]	Typ. CRI [Ra]	Efficacy [lm/W]
PL-CORE-PRO-5000-830-S	4052899546325	1050	35.1	36.6	3000	5348	82	146
PL-CORE-PRO-5000-835-S	4052899546349	1050	35.1	36.6	3500	5505	82	150
PL-CORE-PRO-5000-840-S	4052899546363	1050	35.1	36.6	4000	5615	82	153
PL-CORE-PRO-5000-927-S	4052899546387	1050	35.1	36.6	2700	4365	92	119
PL-CORE-PRO-5000-930-S	4052899546400	1050	35.1	36.6	3000	4581	92	125
PL-CORE-PRO-5000-935-S	4052899546424	1050	35.1	36.6	3500	4718	92	129
PL-CORE-PRO-4000-830-S	4052899546448	800	34.9	27.9	3000	4172	82	150
PL-CORE-PRO-4000-835-S	4052899546462	800	34.9	27.9	3500	4294	82	154
PL-CORE-PRO-4000-840-S	4052899546486	800	34.9	27.9	4000	4380	82	157
PL-CORE-PRO-4000-927-S	4052899546509	800	34.9	27.9	2700	3398	92	122
PL-CORE-PRO-4000-930-S	4052899546523	800	34.9	27.9	3000	3574	92	128
PL-CORE-PRO-4000-935-S	4052899546547	800	34.9	27.9	3500	3680	92	132
PL-CORE-PRO-3000-830-S	4052899546561	600	34.9	20.9	3000	3189	82	153
PL-CORE-PRO-3000-835-S	4052899546585	600	34.9	20.9	3500	3287	82	157
PL-CORE-PRO-3000-840-S	4052899546608	600	34.9	20.9	4000	3355	82	161
PL-CORE-PRO-3000-927-S	4052899546622	600	34.9	20.9	2700	2590	92	124
PL-CORE-PRO-3000-930-S	4052899546646	600	34.9	20.9	3000	2716	92	130
PL-CORE-PRO-3000-935-S	4052899546660	600	34.9	20.9	3500	2815	92	135

Technical Features

— Color consistency < 3 SDCM
— TM30 compliant, Rf 90, Rg 100
— Max. current > 2 x nominal current
— Luminous efficacy up to 160lm/W

Product Code Nomenclature

Segment
CORE

CRI+CCT
930 = CRI >90, 3000K (Rg 100, Rf 90)
940 = CRI >90, 4000K (Rg 100, Rf 90)
830 = CRI >80, 3000K
840 = CRI >80, 4000K

PL - CORE - PRO - 5000 - 930 - S

PL = PrevaLED

Sub-Segment
PRO

Holder Type
S = Solderless, M = Mechanical

Flux Output Level
5000 = 5000lm
4000 = 4000lm
3000 = 3000lm

PrevaLED® CORE Mini

COB Light Engines and Modules for Spot Lights, Down Lights and Wall Mounted Luminaires

Benefits

— High quality of light, complying with IES TM30-15 standard
— Separable COB and holder to improve assembly flexibility
— LES 14.5mm/9.8mm with wide flux range to simplify optics solution
— Industrial standard package size to shorten design lead-time

Applications

— Retail shop
— Restaurant
— Hospitality
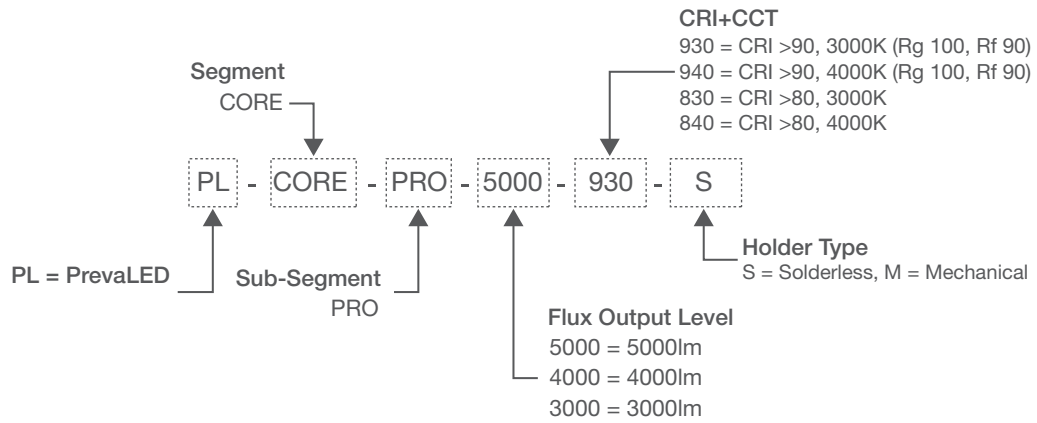— Gallery and museum

Technical Operating Data

Product	EAN	Nominal If [mA]	Typical Voltage	Nominal Power [W]	Color Temp. [K]	Typical Flux [lm]	Typ. CRI [Ra]	Efficacy [lm/W]
PL-CORE-MINI-4000-830-S	4052899547124	800	34.9	29.2	3000	4131	82	148
PL-CORE-MINI-4000-835-S	4052899547148	800	34.9	29.2	3500	4252	82	152
PL-CORE-MINI-4000-840-S	4052899547162	800	34.9	29.2	4000	4337	82	155
PL-CORE-MINI-4000-927-S	4052899547186	800	34.9	29.2	2700	3364	92	121
PL-CORE-MINI-4000-930-S	4052899547209	800	34.9	29.2	3000	3539	92	127
PL-CORE-MINI-4000-935-S	4052899547223	800	34.9	29.2	3500	3644	92	131
PL-CORE-MINI-3000-830-S	4052899547247	500	34.9	17.5	3000	2663	82	153
PL-CORE-MINI-3000-835-S	4052899547261	500	34.9	17.5	3500	2762	82	158
PL-CORE-MINI-3000-840-S	4052899547285	500	34.9	17.5	4000	2811	82	161
PL-CORE-MINI-3000-927-S	4052899547308	500	34.9	17.5	2700	2119	92	122
PL-CORE-MINI-3000-930-S	4052899547322	500	34.9	17.5	3000	2244	92	128
PL-CORE-MINI-3000-935-S	4052899547346	500	34.9	17.5	3500	2311	92	132
PL-CORE-MINI-2000-830-S	4052899547360	350	34.5	12.1	3000	1812	82	150
PL-CORE-MINI-2000-835-S	4052899547384	350	34.5	12.1	3500	1868	82	155
PL-CORE-MINI-2000-840-S	4052899547407	350	34.5	12.1	4000	1902	82	158
PL-CORE-MINI-2000-927-S	4052899547421	350	34.5	12.1	2700	1472	92	122
PL-CORE-MINI-2000-930-S	4052899547445	350	34.5	12.1	3000	1541	92	128
PL-CORE-MINI-2000-935-S	4052899547469	350	34.5	12.1	3500	1595	92	132
PL-CORE-MINI-4000-830-M	4052899547520	800	34.9	29.2	3000	4131	82	148
PL-CORE-MINI-4000-835-M	4052899547544	800	34.9	29.2	3500	4252	82	152
PL-CORE-MINI-4000-840-M	4052899547568	800	34.9	29.2	4000	4337	82	155
PL-CORE-MINI-4000-927-M	4052899547582	800	34.9	29.2	2700	3364	92	121
PL-CORE-MINI-4000-930-M	4052899547605	800	34.9	29.2	3000	3539	92	127
PL-CORE-MINI-4000-935-M	4052899547629	800	34.9	29.2	3500	3644	92	131
PL-CORE-MINI-3000-830-M	4052899547643	500	34.9	17.5	3000	2663	82	153

Product	EAN	Nominal If [mA]	Typical Voltage	Nominal Power [W]	Color Temp. [K]	Typical Flux [lm]	Typ. CRI [Ra]	Efficacy [lm/W]
PL-CORE-MINI-3000-835-M	4052899547667	500	34.9	17.5	3500	2762	82	158
PL-CORE-MINI-3000-840-M	4052899547681	500	34.9	17.5	4000	2811	82	161
PL-CORE-MINI-3000-927-M	4052899547704	500	34.9	17.5	2700	2119	92	122
PL-CORE-MINI-3000-930-M	4052899547728	500	34.9	17.5	3000	2244	92	128
PL-CORE-MINI-3000-935-M	4052899547742	500	34.9	17.5	3500	2311	92	132
PL-CORE-MINI-2000-830-M	4052899547766	350	34.5	12.1	3000	1812	82	150
PL-CORE-MINI-2000-835-M	4052899547780	350	34.5	12.1	3500	1868	82	155
PL-CORE-MINI-2000-840-M	4052899547803	350	34.5	12.1	4000	1902	82	158
PL-CORE-MINI-2000-927-M	4052899547827	350	34.5	12.1	2700	1472	82	122
PL-CORE-MINI-2000-930-M	4052899547841	350	34.5	12.1	3000	1541	92	128
PL-CORE-MINI-2000-935-M	4052899547865	350	34.5	12.1	3500	1595	92	132

Product Code Nomenclature

CRI+CCT
930 = CRI >90, 3000K (Rg 100, Rf 90)
940 = CRI >90, 4000K (Rg 100, Rf 90)
830 = CRI >80, 3000K
840 = CRI >80, 4000K

Segment
CORE

PL - CORE - MINI - 5000 - 930 - S

PL = PrevaLED

Sub-Segment
MINI

Holder Type
S = Solderless, M = Mechanical

Flux Output Level
4000 = 4000lm
3000 = 3000lm
2000 = 2000lm
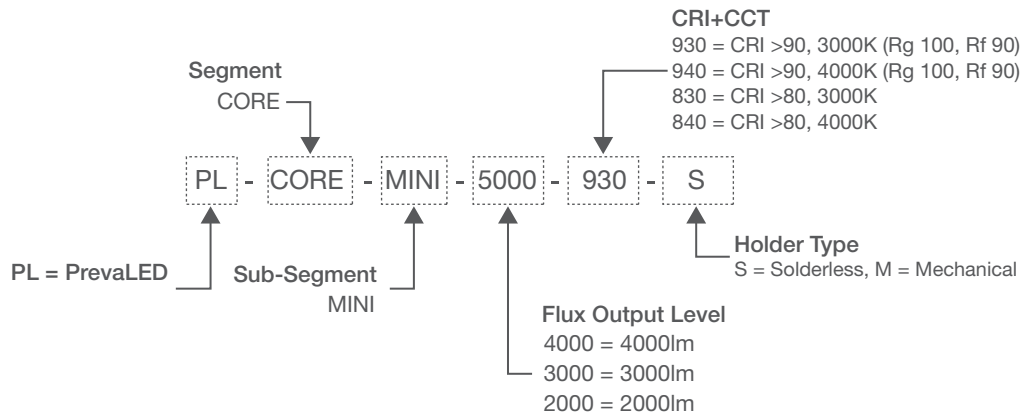
Technical Features

— Color consistency < 3 SDCM
— TM30 compliant, Rg 100, Rf 90

— Max. current > 2 x nominal current
— Luminous efficacy up to 160lm/W
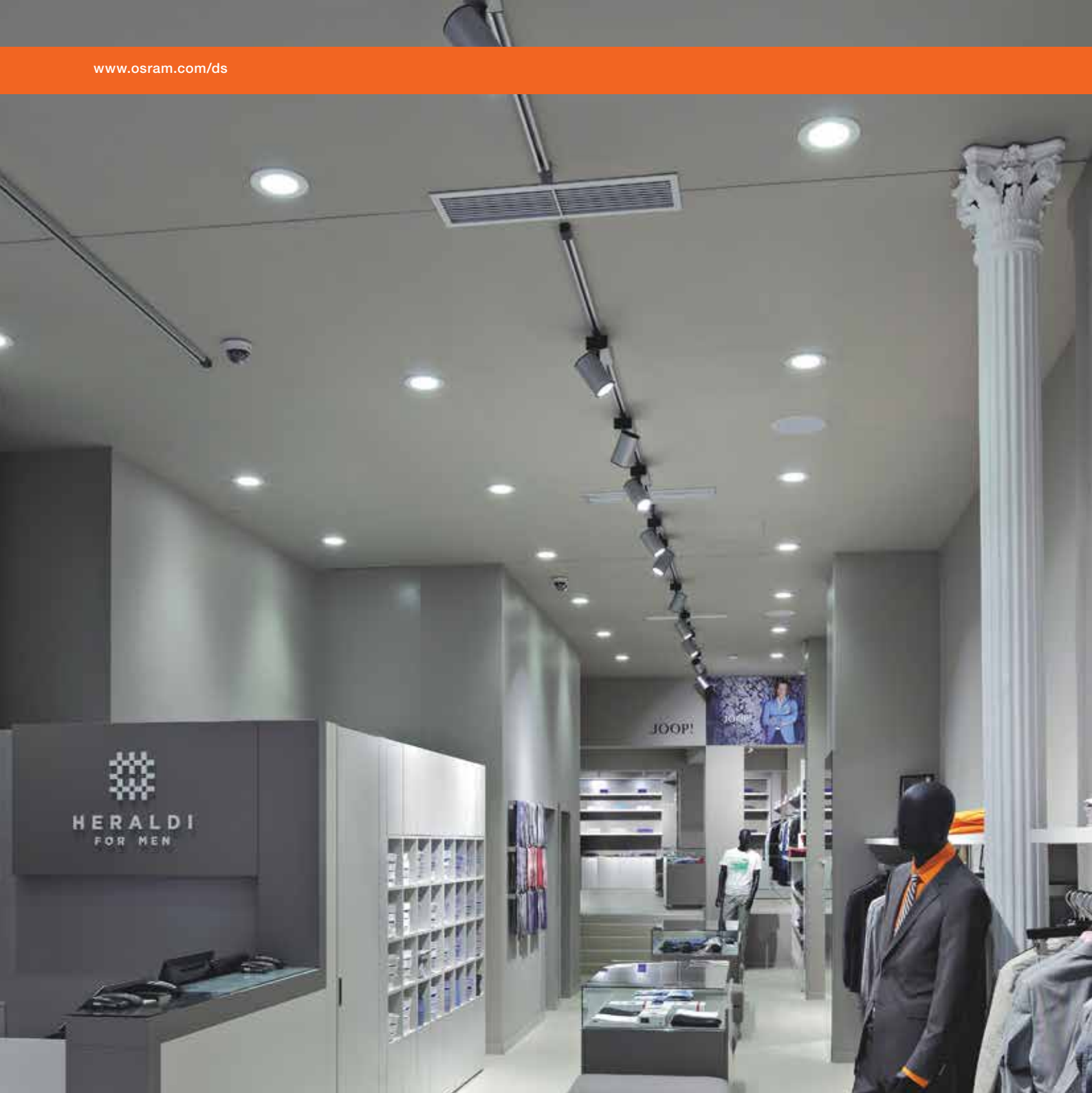
LEFI – Forward Integration Solution

FLEXIBILITY & QUICK RESPONSE

LEFI is a highly integrated light module solution for indoor applications in integrated with PrevaLED CORE COB, together with optics and heat sink. This is a popular choice as products can effortlessly combine and quick installation with OSRAM drivers provide easy operation, long lifetime, high reliability and an amazing level of efficiency. Moreover, LEFI fixtures come with wide flux range, comprehensive beam angle and CCT Option.

Highly Integrated Downlight Module - Fixed Angle

Benefits

— Robust and stylish design with die-cast aluminum housing
— Simple & easy installation
— High visual comfort with glare control (UGR<19)

Features

— Color consistency < 3SDCM
— TM30 compliant, Rg 100 & Rf 90
— Flux output range 500 - 6000 lm
— Beam angle FWHM at 15°, 24°, 36°, 60°

Applications

— Retail, restaurant, hospitality
— High end residential

DESCRIPTION	EAN	CCT/CRI	Radiance Angle [°]	Housing Color	Adaptor	Typ Flux	Power [W]	Efficacy	Drive Current [mA]
CORE-DL-FIX-7-B-940-15D-WHT	4052899614246	940	15	WHT	N/A	560	7.2	78	180
CORE-DL-FIX-7-B-940-24D-WHT	4052899614253	940	24	WHT	N/A	547	7.2	76	180
CORE-DL-FIX-7-B-940-36D-WHT	4052899614260	940	36	WHT	N/A	569	7.2	79	180
CORE-DL-FIX-7-B-930-15D-WHT	4052899614185	930	15	WHT	N/A	557	7.2	77	180
CORE-DL-FIX-7-B-930-24D-WHT	4052899614192	930	24	WHT	N/A	544	7.2	76	180
CORE-DL-FIX-7-B-930-36D-WHT	4052899614208	930	36	WHT	N/A	566	7.2	79	180
CORE-DL-FIX-7-B-927-15D-WHT	4052899614154	927	15	WHT	N/A	539	7.2	75	180
CORE-DL-FIX-7-B-927-24D-WHT	4052899614161	927	24	WHT	N/A	526	7.2	73	180
CORE-DL-FIX-7-B-927-36D-WHT	4052899614178	927	36	WHT	N/A	548	7.2	76	180
CORE-DL-FIX-15-B-940-24D-WHT	4052899614376	940	24	WHT	N/A	945	14.2	67	350
CORE-DL-FIX-15-B-940-36D-WHT	4052899614383	940	36	WHT	N/A	1006	14.2	71	350
CORE-DL-FIX-15-B-930-24D-WHT	4052899614314	940	24	WHT	N/A	940	14.2	66	350
CORE-DL-FIX-15-B-930-36D-WHT	4052899614321	940	36	WHT	N/A	1001	14.2	70	350
CORE-DL-FIX-15-B-927-24D-WHT	4052899614284	927	24	WHT	N/A	909	14.2	64	350
CORE-DL-FIX-15-B-927-36D-WHT	4052899614291	927	36	WHT	N/A	968	14.2	68	350
CORE-DL-FIX-20-B-927-24D-WHT	4052899614406	927	24	WHT	N/A	1540	19.5	79	500
CORE-DL-FIX-20-B-927-36D-WHT	4052899614413	927	36	WHT	N/A	1540	19.5	79	500
CORE-DL-FIX-20-B-930-24D-WHT	4052899614437	930	24	WHT	N/A	1612	19.5	83	500
CORE-DL-FIX-20-B-930-36D-WHT	4052899614444	930	36	WHT	N/A	1612	19.5	83	500
CORE-DL-FIX-20-B-940-24D-WHT	4052899614499	940	24	WHT	N/A	1704	19.5	87	500
CORE-DL-FIX-20-B-940-36D-WHT	4052899614505	940	36	WHT	N/A	1704	19.5	87	500
CORE-DL-FIX-25-B-930-24D-WHT	4052899614581	930	24	WHT	N/A	1895	23.3	81	600
CORE-DL-FIX-25-B-930-36D-WHT	4052899614598	930	36	WHT	N/A	1895	23.3	81	600
CORE-DL-FIX-25-B-940-24D-WHT	4052899614642	940	24	WHT	N/A	2074	23.3	89	600
CORE-DL-FIX-25-B-940-36D-WHT	4052899614659	940	36	WHT	N/A	2074	23.3	89	600

Highly Integrated Downlight Module - Adjustable Tile Angle

Benefits

— Robust and stylish design with die-cast aluminum housing
— Adjustable tile angle up to 30°
— High visual comfort with glare control (UGR<19)

Features

— Color consistency < 3SDCM
— TM30 compliant, Rg 100 & Rf 90
— Flux output range 500 - 1100 lm
— Beam angle FWHM at 24°, 36°

Applications

— Retail, restaurant, hospitality
— High end residential

DESCRIPTION	EAN	CCT/ CRI	Radiance Angle [°]	Housing Color	Adaptor	Typ Flux	Power [W]	Efficacy	Drive Current [mA]
CORE-DL-ADJ-7-B-927-24D-WHT	4052899614741	927	24	WHT	N/A	477	7.2	66	180
CORE-DL-ADJ-7-B-927-36D-WHT	4052899614758	927	36	WHT	N/A	441	7.2	61	180
CORE-DL-ADJ-7-B-930-15D-WHT	4052899614765	930	15	WHT	N/A	494	7.2	69	180
CORE-DL-ADJ-7-B-930-24D-WHT	4052899614772	930	24	WHT	N/A	493	7.2	68	180
CORE-DL-ADJ-7-B-930-36D-WHT	4052899614789	930	36	WHT	N/A	456	7.2	63	180
CORE-DL-ADJ-7-B-940-15D-WHT	4052899614826	940	15	WHT	N/A	497	7.2	69	180
CORE-DL-ADJ-7-B-940-24D-WHT	4052899614833	940	24	WHT	N/A	496	7.2	69	180
CORE-DL-ADJ-7-B-940-36D-WHT	4052899614840	940	36	WHT	N/A	458	7.2	64	180
CORE-DL-ADJ-20-B-927-24D-WHT	4052899614864	927	24	WHT	N/A	953	19.5	49	500
CORE-DL-ADJ-20-B-927-36D-WHT	4052899614871	927	36	WHT	N/A	953	19.5	49	500
CORE-DL-ADJ-20-B-930-24D-WHT	4052899614895	930	24	WHT	N/A	998	19.5	51	500
CORE-DL-ADJ-20-B-930-36D-WHT	4052899614901	930	36	WHT	N/A	998	19.5	51	500
CORE-DL-ADJ-20-B-940-24D-WHT	4052899614956	940	24	WHT	N/A	1091	19.5	56	500
CORE-DL-ADJ-20-B-940-36D-WHT	4052899614963	940	36	WHT	N/A	1091	19.5	56	500

Highly Integrated Downlight Module - Recessed Type

Benefits

— Robust and stylish design with die-cast aluminum housing
— Simple & easy installation
— High visual comfort with hybrid reflector

Features

— Color consistency < 3SDCM
— TM30 compliant, Rg 100 & Rf 90
— Flux output range 900 - 3900 lm
— Beam angle FWHM at 15°, 24°, 36°

Applications

— Retail, shopping mall
— Office, education

DESCRIPTION	EAN	CCT/CRI	Radiance Angle [°]	Housing Color	Adaptor	Typ Flux	Power [W]	Efficacy	Drive Current [mA]
CORE-DL-RC-10-B-927-WHT	4052899612969	927	65	WHT	N/A	855	10.0	86	250
CORE-DL-RC-10-B-930-WHT	4052899612976	930	65	WHT	N/A	930	10.0	93	250
CORE-DL-RC-10-B-940-WHT	4052899612990	940	65	WHT	N/A	949	10.0	95	250
CORE-DL-RC-20-B-927-WHT	4052899613041	927	65	WHT	N/A	1660	19.5	85	500
CORE-DL-RC-20-B-930-WHT	4052899613058	930	65	WHT	N/A	1738	19.5	89	500
CORE-DL-RC-20-B-940-WHT	4052899613072	940	65	WHT	N/A	1837	19.5	94	500
CORE-DL-RC-20-B-930UW-WHT	4052899613089	930	65	WHT	N/A	1635	19.5	84	500
CORE-DL-RC-25-B-927-WHT	4052899613140	927	65	WHT	N/A	1925	23.3	83	600
CORE-DL-RC-25-B-930-WHT	4052899613157	930	65	WHT	N/A	2015	23.3	86	600
CORE-DL-RC-25-B-940-WHT	4052899613171	940	65	WHT	N/A	2130	23.3	91	600
CORE-DL-RC-40-B-927-WHT	4052899613249	927	65	WHT	N/A	3521	42.1	84	1050
CORE-DL-RC-40-B-930-WHT	4052899613256	930	65	WHT	N/A	3683	42.1	87	1050
CORE-DL-RC-40-B-940-WHT	4052899613270	940	65	WHT	N/A	3900	42.1	93	1050

Highly Integrated Tracklight Module

Benefits

— Robust and stylish design with die-cast aluminum housing
— Simple & easy installation
— High visual comfort with glare control (UGR<19)

Features

— Color consistency < 3SDCM
— TM30 compliant, Rg 100 & Rf 90
— Flux output range 1600 - 3500 lm
— Beam angle FWHM at 65°

Applications

— Retail, restaurant, hospitality
— Gallery, museum

DESCRIPTION	EAN	CCT/ CRI	Radiance Angle [°]	Housing Color	Adaptor	Typ Flux	Power [W]	Efficacy	Drive Current [mA]
CORE-TR-20-B-930-24D-WHT-2	4052899608238	930	24	WHT	2-wire	1643	19.5	84	500
CORE-TR-20-B-930-36D-WHT-2	4052899608245	930	36	WHT	2-wire	1598	19.5	82	500
CORE-TR-20-B-940-24D-WHT-2	4052899608290	940	24	WHT	2-wire	1737	19.5	89	500
CORE-TR-20-B-940-36D-WHT-2	4052899608306	940	36	WHT	2-wire	1689	19.5	87	500
CORE-TR-20-B-865-24D-WHT-2	4052899616301	865	24	WHT	2-wire	2015	19.5	103	500
CORE-TR-20-B-865-36D-WHT-2	4052899616318	865	36	WHT	2-wire	1960	19.5	101	500
CORE-TR-30-B-930-24D-WHT-2	4052899609433	930	24	WHT	2-wire	2279	28.2	81	700
CORE-TR-30-B-930-36D-WHT-2	4052899609440	930	36	WHT	2-wire	2202	28.2	78	700
CORE-TR-30-B-940-24D-WHT-2	4052899609495	940	24	WHT	2-wire	2409	28.2	85	700
CORE-TR-30-B-940-36D-WHT-2	4052899609501	940	36	WHT	2-wire	2328	28.2	83	700
CORE-TR-30-B-865-24D-WHT-2	4052899616363	865	24	WHT	2-wire	2795	28.2	99	700
CORE-TR-30-B-865-36D-WHT-2	4052899616370	865	36	WHT	2-wire	2701	28.2	96	700
CORE-TR-40-B-930-24D-WHT-2	4052899611566	930	24	WHT	2-wire	3501	42.1	83	1050
CORE-TR-40-B-930-36D-WHT-2	4052899611573	930	36	WHT	2-wire	3375	42.1	80	1050
CORE-TR-40-B-940-24D-WHT-2	4052899611627	940	24	WHT	2-wire	3707	42.1	88	1050
CORE-TR-40-B-940-36D-WHT-2	4052899611634	940	36	WHT	2-wire	3573	42.1	85	1050
CORE-TR-20-B-930-24D-BLK-2	4052899608085	930	24	BLK	2-wire	1643	19.5	84	500
CORE-TR-20-B-930-36D-BLK-2	4052899608092	930	36	BLK	2-wire	1598	19.5	82	500
CORE-TR-20-B-940-24D-BLK-2	4052899608146	940	24	BLK	2-wire	1737	19.5	89	500
CORE-TR-20-B-940-36D-BLK-2	4052899608153	940	36	BLK	2-wire	1689	19.5	87	500
CORE-TR-20-B-865-24D-BLK-2	4052899616271	865	24	BLK	2-wire	2015	19.5	103	500
CORE-TR-20-B-865-36D-BLK-2	4052899616288	865	36	BLK	2-wire	1960	19.5	101	500
CORE-TR-30-B-930-24D-BLK-2	4052899609280	930	24	BLK	2-wire	2279	28.2	81	700
CORE-TR-30-B-930-36D-BLK-2	4052899609297	930	36	BLK	2-wire	2202	28.2	78	700
CORE-TR-30-B-940-24D-BLK-2	4052899609341	940	24	BLK	2-wire	2279	28.2	81	700

DESCRIPTION	EAN	CCT/CRI	Radiance Angle [°]	Housing Color	Adaptor	Typ Flux	Power [W]	Efficacy	Drive Current [mA]
CORE-TR-30-B-940-36D-BLK-2	4052899609358	940	36	BLK	2-wire	2202	28.2	78	700
CORE-TR-30-B-865-24D-BLK-2	4052899616332	865	24	BLK	2-wire	2795	28.2	99	700
CORE-TR-30-B-865-36D-BLK-2	4052899616349	865	36	BLK	2-wire	2701	28.2	96	700
CORE-TR-40-B-930-24D-BLK-2	4052899611443	930	24	BLK	2-wire	3501	42.1	83	1050
CORE-TR-40-B-930-36D-BLK-2	4052899611450	930	36	BLK	2-wire	3375	42.1	80	1050
CORE-TR-40-B-940-24D-BLK-2	4052899611504	940	24	BLK	2-wire	3707	42.1	88	1050
CORE-TR-40-B-940-36D-BLK-2	4052899611511	940	36	BLK	2-wire	3573	42.1	85	1050

Highly Integrated LED Module - Zoomable Beam Angle

Benefits

— Robust and stylish design with die-cast aluminum housing
— Zoomable optics for optimal flexibility
— High visual comfort with TIR lens optics
— Simple & easy installation for track & recessed rotatable spotlight

Features

— Color consistency < 3SDCM
— TM30 compliant, Rg 100 & Rf 90
— Zoomable beam angle range 20°- 40°

Applications

— Fashion, Retail, restaurant
— Gallery, museum

DESCRIPTION	EAN	CCT/ CRI	Radiance Angle [°]	Housing Color	Adaptor	Typ Flux	Power [W]	Efficacy	Drive Current [mA]
CORE-TR-ZOOM-30-B-930-BLK-2	4052899612372	930	20-40	BLK	2-wire	2114	28.2	75	700
CORE-TR-ZOOM-30-B-940-BLK-2	4052899612396	940	20-40	BLK	2-wire	2234	28.2	79	700
CORE-TR-ZOOM-30-B-930-WHT-2	4052899612426	930	20-40	WHT	2-wire	2114	28.2	75	700
CORE-TR-ZOOM-30-B-940-WHT-2	4052899612440	940	20-40	WHT	2-wire	2234	28.2	79	700
CORE-DL-ZOOM-30-B-927-WHT	4052899612815	927	20-40	WHT	N/A	2019	28.2	72	700
CORE-DL-ZOOM-30-B-930UW-WHT	4052899612853	930	20-40	WHT	N/A	1989	28.2	71	700
CORE-DL-ZOOM-30-B-930-WHT	4052899612822	930	20-40	WHT	N/A	2114	28.2	75	700
CORE-DL-ZOOM-30-B-940-WHT	4052899612846	940	20-40	WHT	N/A	2234	28.2	79	700

Light Engine - Linear and Flexible Light Solutions

LINEARlight Flex® Diffuse
LINEARlight Flex®
LINEARlight Flex® Protect
GinoLED Flex G1
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Value Flex® Non-Protect G4
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Basic Flex
Flex Accessories

Customized light for sophisticated tasks

"Re-Generationenhaus", Brandenburg/Havel, Germany

LINEARlight LED modules are the best choice when it comes to economic and design-oriented solutions for a broad range of possible lighting requirements and interior designs. To name just a few potential application areas: Shops can present their goods in the right light with cabinet and shelf lighting. Offices can find options for orientation lighting in corridors or general illumination in conference rooms. Hotel and hospitality businesses can illuminate corridors and conference zones, create the right atmosphere in ballrooms, provide soft indirect cove lighting in the guest rooms or simply shape a lasting colorful guest experience in restaurant and bar areas. LINEARlight LED modules can even be used in outdoor areas: Our outdoor modules accentuate façades with elegant lighting effects. Using LINEARlight Flex® LED modules, homogeneous and flexible lines of light are easily integrated into architecture, furniture or any other object.

SGL Carbon, Wiesbaden, Germany

LINEARlight Flex® Diffuse

— Diffused light lines without visible spots
— IP67 protection with high-performance silicone
— Outdoor use possible: UV-resistant and salt & mist proof
— Long operational length per single power feed possible (up to 6 m)
— Increased reliability due to single piece reel-to-reel technology

LINEARlight Flex®

— Luminous flux of up to 3850 lm/m

LINEARlight Flex® Protect

— Minimalistic white design with hidden electronics
— IP67 protection rating high-performance silicone for extremely long lifespan and bendability
— Highly UV-resistant
— Salt and mist proof
— Simple contacting due to pre-assembled connector
— Luminous flux of up to 3000 lm/m

VALUE Flex® for private and semi-professional applications

— Simple contacting due to pre-assembled wires
— Many models with IP66 protection rating
— Fine White Binning < 3 SDCM
— Lifespan of up to 50000 h (L70B50)

* For conditions and detailed information, see www.osram.com/guarantee.

LINEARlight Flex® Diffuse

LINEARlight Flex®

LINEARlight Flex® Protect

VALUE Flex®

Easy installation using Flexessories®

Together with OSRAM LED drivers, flexible LED modules from OSRAM make a perfect system match.

Linear Light Flex®

Linear Light Flex® - Diffuse (IP67)

Product	EAN	K	W METER	lm METER	lm/W	◎ METER	W	l [mm]	l min. [mm]	l₁ [mm]	w [mm]
Diffuse Top bending (LFD400T, LFD400MT)											
LFD800T-G1-827-06	4052899581906	2700	11.5	540	75	140	69.12	6000	50	-	14.0
LFD800T-G1-830-06	4052899582002	3000	11.5	540	75	140	69.12	6000	50	-	14.0
LFD800T-G1-840-06	4052899581920	4000	11.5	540	75	140	69.12	6000	50	-	14.0
LFD800T-G1-865-06	4052899581944	6500	11.5	500	69	140	69.12	6000	50	-	14.0
LFD400T-G1-827-06	4052899953512	2700	7.2	490	68	140	43.2	6000	50	-	14.1
LFD400T-G1-830-06	4052899953529	3000	7.2	490	68	140	43.2	6000	50	-	14.1
LFD400T-G1-840-06	4052899953536	4000	7.2	480	67	140	43.2	6000	50	-	14.1
LFD400T-G1-865-06	4052899953543	6500	7.2	460	64	140	43.2	6000	50	-	14.1
LFD400MT-G1-OR-06	4052899953598	603-611nm (Orange)	12	175	15	150	72	6000	40	-	14.1
LFD400MT-G1-RE-06	4052899953574	612-626nm (Red)	12	320	27	150	72	6000	40	-	14.1
LFD400MT-G1-YE-06	4052899953581	586-594nm (Yellow)	12	162	14	150	72	6000	40	-	14.1
LFD400MT-G1-BL-06	4052899953550	457-467nm (Blue)	12	60	5	150	72	6000	40	-	14.1
LFD400MT-G1-GR-06	4052899953567	525-539nm (Green)	12	285	24	150	72	6000	40	-	14.1
LFD400MT-G1-GR-03	4052899450851	525-539nm (Green)	12	285	48	150	36	3000	40	-	14.1
Diffuse Side bending (LFD400S, LFD400MS)											
LFD600S-G1-827-06	4052899582026	2700	11.5	650	56	140	69.1	6000	50	-	14.0
LFD600S-G1-830-06	4052899582040	3000	11.5	680	59	140	69.1	6000	50	-	14.0
LFD600S-G1-840-06	4052899582064	4000	11.5	680	59	140	69.1	6000	50	-	14.0
LFD600S -G1-865-06	4052899582088	6500	11.5	560	49	140	69.1	6000	50	-	14.0
LFD400S-G1-827-06	4052899953611	2700	7.2	410	57	140	43.2	6000	50	-	14.1
LFD400S-G1-830-06	4052899953628	3000	7.2	410	57	140	43.2	6000	50	-	14.1
LFD400S-G1-840-06	4052899953635	4000	7.2	410	57	140	43.2	6000	50	-	14.1
LFD400S-G1-865-06	4052899953642	6500	7.2	375	57	140	43.2	6000	50	-	14.1
LFD400MS-G1-OR-06	4052899953697	603-611 nm (Orange)	12	160	13	150	72	6000	40	-	14.1
LFD400MS-G1-RE-06	4052899953673	612-626 nm (Red)	12	240	20	150	72	6000	40	-	14.1
LFD400MS-G1-YE-06	4052899953680	586-594 nm (Yellow)	12	150	13	150	72	6000	40	-	14.1
LFD400MS-G1-BL-06	4052899953659	457-467nm (Blue)	12	55	5	150	72	6000	40	-	14.1
LFD400MS-G1-GR-06	4052899953666	525-539nm (Green)	12	260	22	150	72	6000	40	-	14.1
LFD400MS-G1-GR-03	4052899450882	525-539nm (Green)	12	260	43	150	36	3000	40	-	14.1

Linear Light Flex® (IP20)

Product	EAN	K	W METER	lm METER	lm/W	◎ METER	W	l [mm]	l min. [mm]	l₁ [mm]	w [mm]
Power (LF4000)											
LF4000-G3-827-03	4052899952867	2700	28.9	3844	133	70	86.7	3000	100	14.3	8
LF4000-G3-830-03	4052899952874	3000	28.9	3844	133	70	86.7	3000	100	14.3	8
LF4000-G3-840-03	4052899952881	4000	28.9	3844	133	70	86.7	3000	100	14.3	8
LF4000-G3-850-03	4052899952898	5000	28.9	3844	133	70	86.7	3000	100	14.3	8
LF4000-G3-865-03	4052899952904	6500	28.9	3844	133	70	86.7	3000	100	14.3	8
Power (LF3000)											
LF3000-G3-820-03	4052899952911	2000	28.9	2514	87	70	86.7	3000	100	14.3	8
LF3000-G3-824-03	4052899952928	2400	28.9	3006	104	70	86.7	3000	100	14.3	8
LF3000-G3-827-03	4052899952935	2700	23.7	3010	127	70	71.1	3000	100	14.3	8

Product	EAN	K	W METER	lm METER	lm/W	⊙ METER	W	l [mm]	l min. [mm]	l1 [mm]	w [mm]
LF3000-G3-830-03	4052899952942	3000	23.7	3010	127	70	71.1	3000	100	14.3	8
LF3000-G3-840-03	4052899952959	4000	21.8	3008	138	70	65.4	3000	100	14.3	8
LF3000-G3-850-03	4052899952966	5000	21.8	3008	138	70	65.4	3000	100	14.3	8
LF3000-G3-865-03	4052899952973	6500	21.8	3008	138	70	65.4	3000	100	14.3	8
LF3000-G3-927-03	4052899963948	2700	28.9	2688	93	70	86.7	3000	100	14.3	8
LF3000-G3-930-03	4052899963955	3000	28.9	3006	104	70	86.7	3000	100	14.3	8
LF3000-G3-940-03	4052899963962	4000	26.533	2998	113	70	79.6	3000	100	14.3	8

Power (LF2000)

Product	EAN	K	W METER	lm METER	lm/W	⊙ METER	W	l [mm]	l min. [mm]	l1 [mm]	w [mm]
LF2000-G3-820-04	4052899952980	2000	20.1	1852	92	70	81	4000	100	14.3	8
LF2000-G3-824-04	4052899952997	2400	20.1	2254	112	70	81	4000	100	14.3	8
LF2000-G3-827-04	4052899953000	2700	16.8	2255	134	70	67	4000	100	14.3	8
LF2000-G3-830-04	4052899953017	3000	16.8	2255	134	70	67	4000	100	14.3	8
LF2000-G3-840-04	4052899953024	4000	15.3	2253	147	70	61	4000	100	14.3	8
LF2000-G3-850-04	4052899953031	5000	15.3	2253	147	70	61	4000	100	14.3	8
LF2000-G3-865-04	4052899953048	6500	15.3	2253	147	70	61	4000	100	14.3	8
LF2000-G3-927-04	4052899963993	2700	20.1	2033	101	70	81	4000	100	14.3	8
LF2000-G3-930-04	4052899964006	3000	20.1	2254	112	70	81	4000	100	14.3	8
LF2000-G3-940-04	4052899964013	4000	18.4	2257	123	70	73	4000	100	14.3	8

Power (LF1200)

Product	EAN	K	W METER	lm METER	lm/W	⊙ METER	W	l [mm]	l min. [mm]	l1 [mm]	w [mm]
LF1200-G3-820-09	4052899953055	2000	10.6	1000	94	70	95.7	9000	100	14.3	8
LF1200-G3-824-09	4052899953062	2400	10.6	1202	113	70	95.7	9000	100	14.3	8
LF1200-G3-827-09	4052899953079	2700	8.9	1202	135	70	80.1	9000	100	14.3	8
LF1200-G3-830-09	4052899953086	3000	8.9	1202	135	70	80.1	9000	100	14.3	8
LF1200-G3-840-09	4052899953093	4000	8.1	1196	147	70	73.2	9000	100	14.3	8
LF1200-G3-850-09	4052899953291	5000	8.1	1196	147	70	73.2	9000	100	14.3	8
LF1200-G3-865-09	4052899953314	6500	8.1	1196	147	70	73.2	9000	100	14.3	8
LF1200-G3-927-09	4052899953321	2700	10.6	1095	103	70	95.7	9000	100	14.3	8
LF1200-G3-930-09	4052899953338	3000	10.6	1202	113	70	95.7	9000	100	14.3	8
LF1200-G3-940-09	4052899953345	4000	10.0	1195	120	70	89.6	9000	100	14.3	8

Shortpitch (LF800S)

Product	EAN	K	W METER	lm METER	lm/W	⊙ METER	W	l [mm]	l min. [mm]	l1 [mm]	w [mm]
LF800S-G4-830-10*	4052899575790	3000	7.0	800	114	120	70	10000	50	6	8
LF800S-G4-840-10*	4052899575851	4000	7.0	800	114	120	70	10000	50	6	8
LF800S-G4-927-10*	4052899575912	2700	7.0	620	89	120	70	10000	50	6	8
LF800S-G4-930-10*	4052899575936	3000	7.0	620	89	120	70	10000	50	6	8
LF800S-G4-940-10*	4052899575998	4000	7.0	620	89	120	70	10000	50	6	8

LF500 - Low Power

Product	EAN	K	W METER	lm METER	lm/W	⊙ METER	W	l [mm]	l min. [mm]	l1 [mm]	w [mm]
4052899575172	LF500-G1-827-10	2700	3.9	480	123	70	39	10000	100	7	8
4052899575196	LF500-G1-830-10	3000	3.9	520	133	70	39	10000	100	7	8
4052899575233	LF500-G1-840-10	4000	3.9	520	133	70	39	10000	100	7	8
4052899575257	LF500-G1-865-10	6500	3.9	520	133	70	39	10000	100	7	8

*Going forward, G4 will eventually be replaced by G5 uniformity series.

Product	EAN	K	W METER	lm METER	lm/W	METER	W	I [mm]	I min. [mm]	l1 [mm]	w [mm]
Advanced (LF05A2)											
LF05A2-B3	4052899924123	467.00	7.2	85[1]/ 80[2]	88	50	72	10000	100	20	8
LF05A2-R3	4052899924086	625.00	8.3	230[1]/ 120[2]	88	50	83	10000	100	20	8
LF05A2-T3	4052899924116	525	4.9	200[1]/ 180[2]	88	50	49	10000	100	20	8
LF05A2-Y3	4052899924109	587	8.3	210[1]/ 110[2]	88	50	83	10000	100	20	8
LF05A2-O3	4052899924093	602	8.3	230[1]/ 130[2]	88	50	83	10000	100	20	8
Eco (LF200, LF200M)											
LF200-G3-827-10	4052899953222	2700	2	200	110	60	18	10000	100	17	8
LF200-G3-830-10	4052899953239	3000	1.8	200	110	60	18.24	10000	100	16.7	8
LF200-G3-840-10	4052899953246	4000	2	200	121	60	17	10000	100	17	8
LF200-G3-865-10	4052899953253	6500	1.7	200	121	60	16.6	10000	100	16.7	8
LF200M-G3-BL-06	4052899500082	467 nm	4	48	12	33	25	6000	150	30	8
LF200M-G3-RE-06	4052899500365	625 nm	6.0	36	140	33	36	6000	150	30	8
LF200M-G3-GR-06	4052899500389	522 nm	4	25	157	33	25	6000	150	30	8
LF200M-G3-YE-06	4052899500402	587 nm	6.0	36	140	33	36	6000	150	30	8
Colormix (LF05CA2)											
LF200C-G3-RGB-06	4052899501997	622/ 534/ 468	6.5	209	32	33	39	6000	150	30	8
LF700RGBW-G1-822-06	4052899525221	2200K/ 622/ 534/ 468	4.2/ 6.5	360/ 297	85.7	80	64.2	6000	150	25	10
LF700RGBW-G1-827-06	4052899525269	2700K/ 622/ 534/ 468	3.3/ 6.5	400/ 297	121.2	80	58.8	6000	150	25	10
LF700RGBW-G1-830-06	4052899525306	3000K/ 622/ 534/ 468	3.3/ 6.5	400/ 297	121.2	80	58.8	6000	150	25	10
LF700RGBW-G1-840-06	4052899540668	4000K/ 622/ 534/ 468	3.1/ 6.5	400/ 297	129.0	80	57.6	6000	150	25	10
LF700RGBW-G1-865-06	4052899525344	6500K/ 622/ 534/ 468	3.1/ 6.5	400/ 297	129.0	80	57.6	6000	150	25	10
LF1300RGBW-G1-822-04	4052899525061	2200K/ 622/ 534/ 468	9.4/ 11	720/ 493	76.6	120	79.6	3900	100	17	10
LF1300RGBW-G1-827-04	4052899525122	2700K/ 622/ 534/ 468	6.9/ 11	800/ 493	115.9	120	69.8	3900	100	16.7	10
LF1300RGBW-G1-830-04	4052899525146	3000K/ 622/ 534/ 468	6.9/ 11	800/ 493	115.9	120	69.8	3900	100	17	10
LF1300RGBW-G1-840-04	4052899540620	4000K/ 622/ 534/ 468	6.4/ 11	800/ 493	125.0	120	67.9	3900	100	16.7	10
LF1300RGBW-G1-865-04	4052899525184	6500K/ 622/ 534/ 468	6.4/ 11	800/ 493	125.0	120	67.9	3900	100	17	10
LF05CA2-RGB3	4008321851536	625/525/467	18.0	470	61	50	72	4000	100	20	8

Linear Light Flex® - Protect (IP67)

Product	EAN	K	W METER	lm METER	lm/W	METER	W	I [mm]	I min. [mm]	l1 [mm]	w [mm]
Protect Power 3000											
LFP3000-G3-824-03	4052899481299	2400	28.9	2800	97	70	87	3000	100	14	11
LFP3000-G3-827-03	4052899481312	2700	28.9	3000	104	70	87	3000	100	14	11
LFP3000-G3-830-03	4052899481336	3000	28.9	3000	104	70	87	3000	100	14	11
LFP3000-G3-840-03	4052899481350	4000	23.7	3000	127	70	71	3000	100	14	11
LFP3000-G3-860-03	4052899481374	6000	21.8	2800	128	70	65	3000	100	14	11
LFP3000-G3-930-03	4052899481398	3300	28.9	2850	99	70	87	3000	100	14	11
LFP3000-G3-940-03	4052899481411	3800	28.9	3000	104	70	87	3000	100	14	11
LFP3000-G3-960-03	4052899481435	5800	26.5	3000	113	70	80	3000	100	14	11
Protect Colormix (LF05CA-P)											
LFP200C-G3-RGB-06	4052899501973	625 / 525 / 465	6.5	180	28	33	39	6000	150	30	11
LF05CA-RGB3-P	4008321977205	625/525/467	18.0	435	31	50	72	4000	100	20	11

Product	EAN	K	W METER	lm METER	lm/W	◎ METER	W	l [mm]	l min. [mm]	l1 [mm]	w [mm]
Protect Power 2000											
LFP2000-G3-824-04	4052899481138	2400	17.9	1800	101	70	81	4500	100	14	11
LFP2000-G3-827-04	4052899481152	2700	17.9	1900	106	70	81	4500	100	14	11
LFP2000-G3-830-04	4052899481176	3000	17.9	1900	106	70	81	4500	100	14	11
LFP2000-G3-840-04	4052899481190	4000	15.0	1900	127	70	68	4500	100	14	11
LFP2000-G3-860-04	4052899481213	6000	13.6	1800	132	70	61	4500	100	14	11
LFP2000-G3-930-04	4052899481237	3300	17.9	1800	101	70	81	4500	100	14	11
LFP2000-G3-940-04	4052899481251	3800	17.9	1800	106	70	81	4500	100	14	11
LFP2000-G3-960-04	4052899481275	5800	16.3	1800	117	70	73	4500	100	14	11
Protect Power 1200											
LFP1200-G3-824-09	4052899481640	2400	10.6	1100	104	70	95	9000	100	14	11
LFP1200-G3-827-09	4052899481626	2700	10.6	1150	108	70	95	9000	100	14	11
LFP1200-G3-830-09	4052899481664	3000	10.6	1200	113	70	95	9000	100	14	11
LFP1200-G3-840-09	4052899481688	4000	8.9	1200	135	70	80	9000	100	14	11
LFP1200-G3-860-09	4052899481701	6000	8.1	1100	135	70	73	9000	100	14	11
LFP1200-G3-930-09	4052899481725	3300	10.6	1100	104	70	95	9000	100	14	11
LFP1200-G3-940-09	4052899481749	3800	10.6	1200	113	70	95	9000	100	14	11
LFP1200-G3-960-09	4052899481763	5800	10.0	1200	120	70	90	9000	100	14	11
PROTECT POWER 800											
LFP800-G3-824-09	4052899481565	2400	7.6	800	106	70	68	9000	100	14	11
LFP800-G3-827-09	4052899481589	2700	7.1	800	113	70	64	9000	100	14	11
Protect Shortpitch											
LFP800S-G4-827-10*	4052899575677	2700	7.7	740	96	120	77	10000	50	8	11
LFP800S-G4-830-10*	4052899575714	3000	7.7	800	104	120	77	10000	50	8	11
LFP800S-G4-840-10*	4052899575837	4000	7.0	800	114	120	70	10000	50	8	11
LFP500 - Low Power											
LFP500-G1-827-10	4052899575400	2700	3.9	440	113	70	39	10000	100	15	11
LFP500-G1-830-10	4052899575424	3000	3.9	480	123	70	39	10000	100	15	11
LFP500-G1-840-10	4052899575462	4000	3.9	520	133	70	39	10000	100	15	11
LFP500-G1-865-10	4052899575486	6500	3.9	520	133	70	39	10000	100	15	11

*Going forward, G4 will eventually be replaced by G5 uniformity series.

GinoLED Flex G1
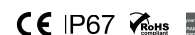
Weather-proof LED strips for high quality homogeneous lighting

CE IP67 RoHS compliant

Product features

- 3 SDCM, CRI80
- Large selection of light color terrperatures
- IP67 protection for truly outdoor applications*
- 110°viewing angle per module
- Up to 50,000 hrs lifetime @ tc max

* IP65 endcap and IP20 connector & endcap after cutting assembly avaliable.
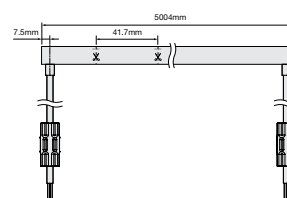
Product benefits

- 10x10mm Super slim design, best fit for embedded applications.
- Diffuse version, Top/Side emitting, High uniformity without hot spot and dark area
- Customization length to meet customer difference length requirements
- Dimmable by OPTOTRONIC® LED drivers

Applications

- Outdoor or indoor contour/Border lighting
- Architectural Outline/Decorative lighting
- Cove/Accent lighting
- Signage

Accessories

- Supporting IP20 Connector,End-cap, track & Clip accessories
- Perfectly matched to OPTOTRONIC® 24 V electronic control gears

Description	EAN	CCT (K)	"Voltage (V)"	"W METER"	"lm METER"	lm/W	LEDs/ Module	W	"l [m m]"	"l min. [mm]"	"l1 [mm]"	IP
GFDS400TW-G1-82757-05	4062172147477	2700-6500	24.0	6/ch	400	60	140	27	5000	50	7	65
GFDT500TW-G1-82757-05	4062172167093	2700-6500	24.0	6/ch	500	60	140	27	5000	50	7	65
GFDT400RGB-G1-RGB-05	4062172106351	R,G,B	24.0	15	400	30	84	65	5000	50	12	67
GFDT400-G1-827-05	4062172194266	2700	24.0	6	420	66	144	30	5000	50	7	67
GFDT400-G1-830-05	4062172194280	3000	24.0	6	420	66	144	30	5000	50	7	67
GFDT400-G1-840-05	4062172194327	4000	24.0	6	450	66	144	30	5000	50	7	67
GFDT400-G1-857-05	4062172194365	5700	24.0	6	435	66	144	30	5000	50	7	67
GFDT800-G1-827-05	4062172194563	2700	24.0	11	790	72	144	55	5000	50	7	67
GFDT800-G1-830-05	4062172194587	3000	24.0	11	790	72	144	55	5000	50	7	67
GFDT800-G1-840-05	4062172194624	4000	24.0	11	800	72	144	55	5000	50	7	67
GFDT800-G1-857-05	4062172194686	5700	24.0	11	785	72	144	55	5000	50	7	67
GFDS400-G1-827-05	4062172194242	2700	24.0	6	410	66	144	30	5000	50	7	67
GFDS400-G1-830-05	4062172194648	3000	24.0	6	410	66	144	30	5000	50	7	67
GFDS400-G1-840-05	4062172194723	4000	24.0	6	440	66	144	30	5000	50	7	67

Description	EAN	CCT (K)	"Voltage (V)"	"W METER"	"lm METER"	lm/W	LEDs/ Module	W	"l [mm]"	"l min. [mm]"	"l1 [mm]"	IP
GFDS400-G1-840-05	4062172194723	4000	24.0	6	440	66	144	30	5000	50	7	67
GFDS400-G1-857-05	4062172194761	5700	24.0	6	425	66	144	30	5000	50	7	67
GFDS600-G1-827-05	4062172194969	2700	24.0	9	620	55	144	45	5000	50	7	67
GFDS600-G1-830-05	4062172194983	3000	24.0	9	620	55	144	45	5000	50	7	67
GFDS600-G1-840-05	4062172195027	4000	24.0	9	640	55	144	45	5000	50	7	67
GFDS600-G1-857-05	4062172195096	5700	24.0	9	600	55	144	45	5000	50	7	67

ACCESSORIES

Description	EAN
Accessories for White	
FX-GFD12-G1-IP65-ENDCAP KIT 2 PCS	4062172208833
FX-GFDT11-G1-C2PF-IP20-01-300 KIT 2 PCS	4062172208857
FX-GFDT11-G1-C2PF-IP20-02-300 KIT 2 PCS	4062172208871
FX-GFDS11-G1-C2PF-IP20-01-300 KIT 2 PCS	4062172208895
FX-GFDS11-G1-C2PF-IP20-02-300 KIT 2 PCS	4062172208918
FX-GFD11-G1-IP20-ENDCAP KIT 2 PCS	4062172208932
FX-GFDM-G1-TT-14H14-20 KIT20PCS25X1	4062172207577
FX-GFDM-G1-TT-14H14-1000KIT5PCS20X1	4062172208079
Accessories for RGB	
FX-GFPM-G1-TT-22H20-35 5XBT112	4062172106375
FX-GFPM-G1-TT-22H20-1000 55X1	4062172106405
FX-GF24-G1-ENDCAP 3X25X1	4062172106429
Accessories for Tunable White	
FX-GFDS13-G1-ENDCAP 200X1	4062172147491
FX-GFDT13-G1-ENDCAP 200X1	4062172167116
FX-GFPM-G1-TT-13H11-20 125X1	4062172147514
FX-GFPM-G1-TT-13H11-1000 4X30	4062172147538

*Due to the special conditions of the manufacturing processes of LED the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data; All values are tested at ta25 °C.

Value Flex® G4

Benefits

— Energy saving low-power LED flexible strip
— Easy installation with Track
— Multi-Cut-able with SLIMCONNECT system
— Available in warm white and cold white
— 120º viewing angle per module
— Colour consistency < 3 SDCM, CRI 90
— Up to 50000 hrs lifetime @ Tc max
— Dimmable

Applications

— Hospitality Lighting
— Cabinet Lighting
— Signage
— Architecture lighting
— Wall integration

Effective solutions with Value Flex® G4 strips

Create the desired lighting atmosphere, set decorative accents, or highlight products: in the blink of an eye with the new generation of the OSRAM VALUE Flex® G4 LED strips. Thanks to improved features, you can design homogeneous lighting with just the right amount of light in a wide range of color temperatures.

VALUE Flex® G4 LED strips bring homogeneous light into narrowest coves and perfectly illuminate every space with a large selection of various light colors.

The product family offers lumen packages from 1000 to 2,400 lm/m with an efficacy of up to 110 lm/W. Thanks to VALUE Flex® G4, OSRAM provides even more options for various applications: just the right solution for comfortable ambient lighting as well as brightly illuminated rooms. The new ShortPitch versions are available as protected (IP66) and non-protected LED strips (IP20): simply ideal to create homogeneous lighting solutions.

Combined with ON/OFF ELEMENT LED drivers, dimmable OTi DALI LED drivers, protected OPTOTRONIC® devices and our extended range of connectors, tracks and covers, you can design the ideal lighting solution for every need.

Value Flex® Non-Protect G4

Technical Information

Product	EAN	K	V	W METER	lm METER	lm/W	⊙ METER	W	l [mm]	l min. [mm]	l1 [mm]
VF1000-G4											
VF1000-G4-927-05 4X5X1	4062172152723	2700	24V	10	950	95	70	50.0	5000	100	14
VF1000-G4-930-05 4X5X1	4062172152785	3000	24V	10	975	98	70	50.0	5000	100	14
VF1000-G4-940-05 4X5X1	4062172152839	4000	24V	10	1000	100	70	50.0	5000	100	14
VF1000-G4-965-05 4X5X1	4062172152884	6500	24V	10	1000	100	70	50.0	5000	100	14
VF 2000-G4											
VF2000-G4-927-05 4X5X1	4062172153096	2700	24V	20	1850	92	70	95.0	5000	100	14
VF2000-G4-930-05 4X5X1	4062172153140	3000	24V	20	1900	95	70	95.0	5000	100	14
VF2000-G4-940-05 4X5X1	4062172153195	4000	24V	20	2000	100	70	95.0	5000	100	14
VF2000-G4-965-05 4X5X1	4062172153249	6500	24V	20	2000	100	70	95.0	5000	100	14
VF 1200S-G4											
VF1200S-G4-927-05 4X5X1	4062172152914	2700	24V	12	1100	92	112	60.0	5000	60	9
VF1200S-G4-930-05 4X5X1	4062172152969	3000	24V	12	1150	96	112	60.0	5000	60	9
VF1200S-G4-940-05 4X5X1	4062172153010	4000	24V	12	1200	100	112	60.0	5000	60	9
VF1200S-G4-965-05 4X5X1	4062172153065	6500	24V	12	1200	100	112	60.0	5000	60	9
VF 2400S-G4											
VF2400S-G4-927-05 4X5X1	4062172153270	2700	24V	24	2140	90	112	110.0	5000	60	9
VF2400S-G4-930-05 4X5X1	4062172153324	3000	24V	24	2200	92	112	110.0	5000	60	9
VF2400S-G4-940-05 4X5X1	4062172153379	4000	24V	24	2400	100	112	110.0	5000	60	9
VF2400S-G4-965-05 4X5X1	4062172153423	6500	24V	24	2400	100	112	110.0	5000	60	9

Value Flex® Protect G4

Technical Information

Product	EAN	K	V	W METER	Im METER	Im/W	METER	W	I [mm]	I min. [mm]	I₁ [mm]
VFP 1000 G4											
VFP1000-G4-927-05 4X5X1	4062172153454	2700	24V	10	900	95	70	50.0	5000	100	14
VFP1000-G4-930-05 4X5X1	4062172153485	3000	24V	10	950	98	70	50.0	5000	100	14
VFP1000-G4-940-05 4X5X1	4062172153515	4000	24V	10	1000	100	70	50.0	5000	100	14
VFP1000-G4-965-05 4X5X1	4062172153546	6500	24V	10	1000	100	70	50.0	5000	100	14
VFP 2000 G4											
VFP2000-G4-927-05 4X5X1	4062172153690	2700	24V	20	1800	92	70	95.0	5000	100	14
VFP2000-G4-930-05 4X5X1	4062172153720	3000	24V	20	1850	95	70	95.0	5000	100	14
VFP2000-G4-940-05 4X5X1	4062172153751	4000	24V	20	1950	100	70	95.0	5000	100	14
VFP2000-G4-965-05 4X5X1	4062172153782	6500	24V	20	1950	100	70	95.0	5000	100	14
VF 1200S-G4											
VF1200S-G4-927-05 4X5X1	4062172152914	2700	24V	12	1100	92	112	60.0	5000	60	9
VF1200S-G4-930-05 4X5X1	4062172152969	3000	24V	12	1150	96	112	60.0	5000	60	9
VF1200S-G4-940-05 4X5X1	4062172153010	4000	24V	12	1200	100	112	60.0	5000	60	9
VF1200S-G4-965-05 4X5X1	4062172153065	6500	24V	12	1200	100	112	60.0	5000	60	9
VFP 2400S G4											
VFP2400S-G4-927-05 4X5X1	4062172153812	2700	24V	24	2100	90	112	110.0	3000	60	9
VFP2400S-G4-930-05 4X5X1	4062172153843	3000	24V	24	2150	92	112	110.0	5000	60	9
VFP2400S-G4-940-05 4X5X1	4062172153874	3000	24V	24	2225	100	112	110.0	5000	60	9
VFP2400S-G4-965-05 4X5X1	4062172153904	4000	24V	24	2225	100	112	110.0	5000	60	9

Basic Flex - BF / BFP 400/ 800/ 1000

Technical Information

Benefits

— Energy saving LED flexible strip
— Easy installation with various mounting methods
— Available in warm white 2700K, 3000K, 4000K
— 120º viewing angle per module
— Dimmable
— IP20 & IP66 Version

Applications

— Hospitality Lighting
— Cabinet Lighting
— Signage
— Architecture lighting
— Wall integration

Product	EAN	K	W METER	lm METER	lm/W	METER	W	I [mm]	I min. [mm]
Non Protected									
BF400-G3-827-05	4052899594937	2700	4.5	450	98	60	22.8	5000	100
BF400-G3-830-05	4052899594951	3000	4.5	460	100	60	22.8	5000	100
BF400-G3-840-05	4052899594975	4000	4.5	480	105	60	22.8	5000	100
BF800-G3-827-05	4052899595033	2700	9	830	93	60	44.4	5000	100
BF800-G3-830-05	4052899595057	3000	9	860	96	60	44.4	5000	100
BF800-G3-840-05	4052899595071	4000	9	890	99	60	44.4	5000	100
Protected - IP66									
BFP400-G3-827-05	4052899594999	2700	4.5	420	92	60	22.8	5000	100
BFP400-G3-830-05	4052899595019	3000	4.5	430	94	60	22.8	5000	100
BFP400-G3-840-05	4062172020886	4000	4.5	450	100	60	22.8	5000	100
BFP800-G3-827-05	4052899595095	2700	9	780	87	60	44.4	5000	100
BFP800-G3-830-05	4052899595118	3000	9	800	90	60	44.4	5000	100
BFP800-G3-840-05	4062172020909	4000	9	840	94	60	44.4	5000	100
BFP1000-G3-840-05	4062172020923	4000	11	1050	97	60	54.0	5000	100

Technical Features

— Size of printed circuit board (L x W x H):
  5000mm x 8 mm x 2 mm
— Size of smallest unit : 100mm
— Connection possible at the reel end or at the cut points
— 24V Constant Voltage LED modules
— Colour consistency < 3 SDCM

— CRI > 80
— Linear LED strip on printed circuit board with kinds of accessories for easy mounting
— Up to 20,000 hrs lifetime (L70/B50@ Tc = 45°C).

Basic Flex - BF / BFP 400S/ 800S/ 1200S/ 1500S - Short pitch

Product	EAN	K	W METER	lm METER	lm/W	METER	W	I [mm]	I min. [mm]
Non Protected									
BF400S-G3-827-05	4062172231251	2700	3.5	400	114	120	16.5	5000	50
BF400S-G3-830-05	4062172231275	3000	3.5	420	120	120	16.5	5000	50
BF400S-G3-840-05	4062172231299	4000	3.5	450	129	120	16.5	5000	50
BF400S-G3-865-05	4062172231312	6500	3.5	430	123	120	16.5	5000	50
BF800S-G3-827-05	4062172231350	2700	7	760	109	120	31	5000	50
BF800S-G3-830-05	4062172231374	3000	7	800	114	120	31	5000	50
BF800S-G3-840-05	4062172231398	4000	7	850	121	120	31	5000	50
BF800S-G3-865-05	4062172231411	6500	7	830	119	120	31	5000	50
BF1200S-G3-827-05	4062172231534	2700	11	1100	100	120	46	5000	50
BF1200S-G3-830-05	4062172231558	3000	11	1160	105	120	46	5000	50
BF1200S-G3-840-05	4062172231572	4000	11	1220	111	120	46	5000	50
BF1200S-G3-865-05	4062172231596	6500	11	1170	106	120	46	5000	50
BF1500S-G3-827-05	4062172231619	2700	14.4	1440	100	120	62	5000	50
BF1500S-G3-830-05	4062172231633	3000	14.4	1510	105	120	62	5000	50
BF1500S-G3-840-05	4062172231657	4000	14.4	1550	108	120	62	5000	50
BF1500S-G3-865-05	4062172231671	4000	14.4	1530	106	120	62	5000	50
Protected - IP66									
BFP400S-G3-827-05	4062172231695	2700	3.5	370	106	120	16.5	5000	50
BFP400S-G3-830-05	4062172231718	3000	3.5	390	111	120	16.5	5000	50
BFP400S-G3-840-05	4062172231732	4000	3.5	415	119	120	16.5	5000	50
BFP400S-G3-865-05	4062172231756	6500	3.5	400	114	120	16.5	5000	50
BFP800S-G3-827-05	4062172231794	2700	7	700	100	120	31	5000	50
BFP800S-G3-830-05	4062172231817	3000	7	740	106	120	31	5000	50
BFP800S-G3-840-05	4062172231831	4000	7	790	113	120	31	5000	50
BFP800S-G3-865-05	4062172231855	6500	7	770	110	120	31	5000	50
BFP1200S-G3-827-05	4062172231978	2700	11	1020	93	120	46	5000	50
BFP1200S-G3-830-05	4062172231992	3000	11	1080	98	120	46	5000	50
BFP1200S-G3-840-05	4062172232012	4000	11	1130	103	120	46	5000	50
BFP1200S-G3-865-05	4062172232036	6500	11	1090	99	120	46	5000	50
BFP1500S-G3-827-05	4062172232050	2700	14.4	1340	93	120	62	5000	50
BFP1500S-G3-830-05	4062172232074	3000	14.4	1400	97	120	62	5000	50
BFP1500S-G3-840-05	4062172232098	4000	14.4	1440	100	120	62	5000	50
BFP1500S-G3-865-05	4062172232111	4000	14.4	1420	99	120	62	5000	50

Technical Features

— Size of printed circuit board (L x W x H): 5000mm x 8 mm x 2 mm
— Size of smallest unit : 50mm
— Connection possible at the reel end or at the cut points
— 24V Constant Voltage LED modules
— Colour consistency < 3 SDCM
— CRI > 80
— Linear LED strip on printed circuit board with kinds of accessories for easy mounting
— Up to 30,000 hrs lifetime (L70/B50@ Tc = 45°C).

Flex Accessories

- ■ = Combination options between Flex LED modules and accessories
- □ = Additionally required accessories, see datasheets for detailed information
- ◖ = Combination possible only without cover
- ● = Full compatibility, tested in recessed conditions including cover at $T_{amb} = 25\,°C$
- ○ = Compatibility in free-air conditions including cover at $T_{amb} = 25\,°C$

| | | | LINEARlight | | | | | | | | | | | | | | VALUE Flex | | | | | |
| | | | Unprotected | | | | | | | | | Protect | | | | | Unprotected | | | Protect | | |
Ordering code	Short description	Product number (EAN)	LF06A, LF05A2	LF800S, LF1200	LF05E2, LF05E	LF05CA2	LF05CE	LF1200-TW	LF2000-TW	LF3000-TW	LF4000-TW	LF2000*, LF2000SW, LF1200MW, LF1200MWR, LF2000VW	LF3000*, LF3000SW, LF2000MW, LF2000MWR, LF2000VW	LF06P2-P, LF06A-P, LFP800S	LF05A-P	LF05E-P, LF06E-P	LF05CA-P, LF05CE-P	VF1000, VF1200S, VF600 G3, BF350	VF2000	VF2400S	VFP1000, VFP1200S, BFP300	VFP2000	VFP2400S
SLIM TRACK System																							
LF-LTS-2100	Slim track	4008321978981	●	●	●	●	●	●	○			○		●	●	●	●	●			●		
LF-LTS-MB	Mounting bracket	4008321979025	□	□	□	□	□	□				□		□	□	□	□	□			□		
LF-LTS	Cover diffuse	4008321979001	■	■	■	■	■	■				■		■	■	■	■	■			■		
LF-LTS	End cap	4008321979049	□	□	□	□	□	□				□		□	□	□	□	□			□		
LF-LTS	Cover C (clear)	4008321790187	■	■	■	■	■	■				■		■	■	■	■	■			■		
LF-LTS	Cover S (shortpitch-diff)	4008321790200	■	■	■	■	■	■				■		■	■	■	■	■			■		
QUICK MOUNTING TRACKS																							
FX-QMS-G1-TU15H6-300	Slim track	4052899448865	●	●	●	●	●	●	○			○		◖	◖	◖	◖						
FX-QMS-G1-TU15H6W3-300	Slim track	4052899448889	●	●	●	●	●	●	○			○		◖	◖	◖	◖						
FX-QMS-G1-TU16H12-300	Slim track	4052899448964	●	●	●	●	●	●	○			○		●	●	●	●				◖	◖	
FX-QMS-G1-TU16H12W3-300	Slim track	4052899448988	●	●	●	●	●	●	○			○		●	●	●	●				◖	◖	
FX-QMS-G1-TR19H16-300	Slim track	4052899449008	●	●	●	●	●	●	○			○		●	●	●	●				◖	◖	
FX-QMS-G1-TU16H12LS	Slim track	4052899449046	●	●	●	●	●	●	○			○		◖	◖	◖	◖				◖	◖	
FX-QMS-G1-T45D19H19-300	Slim track	4052899448667	●	●	●	●	●	●	○			○		●	●	●	●				○	◖	
FX-QMH-G1-TU15H23W4-105	Handrail track	4052899449022	●	●	●	●	●	●	○			○		●	●	●	●						
FX-QMW-G1-TK30D46H27-300	Wide track	4052899448827	●	●	●	●	●					●		●	●	●	●		●	◖			
FX-QMW-G1-TU26H25W10-300	Wide track	4052899448773	●	●	●	●	●	●	●	○		●	○	●	●	●	●		●	◖		●	◖
FX-QMW-G1-TU26H8-300	Wide track	4052899448643	●	●	●	●	●	●						●	●	●	●		●	◖		●	◖
FX-QMW-G1-TU26H25W2-300	Wide track	4052899448841	●	●	●	●	●	●	●	○		●	○	●	●	●	●		●	◖		●	◖
FX-QMW-G1-TU26H25-300	Wide track	4052899448803	●	●	●	●	●	●	●	○		●	○	●	●	●	●		●	◖		●	◖
FX-QME-G1-T6G10H25-300	Edge lighting track	4052899448711	●	●	●	●	●	●															
FX-QME-G1-T810G12H25-300	Edge lighting track	4052899448759	●	●	●	●	●	●															
VALUE TRACK System																							
VF-TR1000	Track	4008321867636	■	■	■	■	■	■										■					
VI-TR1000	Track	4008321893789	■	■	■	■	■	■						■	■	■	■	■			■		
SLIMCONNECTsystem Flex G2 (Generation 2)																							
FX-SC08-G2-CT2PF-0500	2-pin feeder	4052899464735	■	■								■	■					■	■	■			
FX-SC08-G2-CT2PF-1000	2-pin feeder	4052899464766	■	■								■	■					■	■	■			
FX-SC08-G2-CT3PF-0500HF	3-pin feeder	4052899482999						■	■	■	■												
FX-SC08-G2-CT3PFE-0500HF	3-pin feeder	4052899483026						■	■	■	■												
FX-SC08-G2-CT4PF-0500	4-pin feeder	4052899464797				■																	
FX-SC08-G2-CT4PF-1000	4-pin feeder	4052899464827				■																	
FX-SC08-G2-CT4PJ	4-pin jumper	4052899464858	■	■		■		■	■	■	■	■	■	□	□			■	■	■	□	□	□
FX-SC08-G1-FW4P-LIN-0030	Extension wire 30 mm	4008321875587	■	■	■	■		■	■	■	■	■	■					■	■	■			
FX-SC08-G1-FW4P-LIN-0150	Extension wire 150 mm	4008321875563	■	■	■	■		■	■	■	■	■	■					■	■	■			
FX-SC08-G2-C2PF-IP54-0500	2-pin feeder IP54	4052899464889												■	■						■	■	■
FX-SC08-G2-BTJ-IP54	Silicone boot for jumper to add IP54 protection	4052899464919												■	■						□	□	□

For a full overview on Flexessories®, please visit www.osram.com/flexessories
Dedicated tracks for LINEARlight Flex® Diffuse are available summer 2017.
* LF4000 has the same CONNECTsystem as LF2000 and LF3000.

■ = Combination options between Flex LED modules and accessories

□ = Additionally required accessories, see data sheets for detailed information

Ordering code	Short description	Product number (EAN)	LF06A, LF05A2	LF05E2, LF05E	LF05CE	LFP3000, LFP2000, LFP1200, LFP800, LF06P2-P, LF06A-P, LFP800S	LF05A-P	LF05E-P, LF06E-P	LF05CA-P, LF05CE-P	VF1000, VF2400S, VF1200S, VF600, BF350	VFP1000, VFP2000, VFP1200S, VFP2400S	LFD400T, LFD400MT	LFD400S, LFD400MS
			LINEARlight	*Flex (un-protected)*			*Flex Protect*			*VALUE Flex*		*Flex Diffuse*	
CONNECTsystem Flex													
LF-2PIN FLEX	2-pin feeder	4008321955326	■	■									
LF-4PIN FLEX	4-pin feeder	4008321514585			■								
LF-CONN-10 FLEX	Bridge 10 mm	4008321955333	■	■	■								
LF-CONN-150 FLEX	Bridge 150 mm	4008321955340	■	■	■								
LF-2TERM FLEX	2-pin terminal	4008321955357	■										
CONNECTsystem Flex IP67													
LF-ENDCAP-PROTECT	End cap IP67	4008321977106					■	■	■				
LF-CLIP FIXTURE PROTECT	Mounting clip IP67	4008321644749					■	■	■				
LF-2PIN-PROTECT	2-pin feeder IP67	4008321977069					■	■			■		
LF-4PIN-PROTECT	4 pin feeder IP67	4008321977076					■		■				
LF-2CONN-PROTECT	2-pin jumper IP67	4008321977083						□	■		■		
LF-4CONN-PROTECT	4-pin jumper IP67	4008321977090							■				
CONNECTsystem Diffuse (top bending)													
FX-DCS-G1-CM2PF-IP67-0500-X5	Middle power feeder	4052899451971										■	
FX-DCS-G1-CM2PJ-IP67-0190-X5	Module-to-module middle jumper	4052899452039										■	
FX-DCS-G1-CM2PF-IP67-TOPKIT5	Feeder kit with end caps & glue	4052899451995										■	
FX-DCS-G1-CM2PJ-IP67-TOPKIT5	Jumper kit with end caps & glue	4052899452053										■	
FX-DCS-G1-ECT-KIT20	End caps & glue	4052899452107										■	
FX-DCS-G1-EHT-KIT20	Double-sided end caps & glue	4052899452176										■	
FX-DCS-G1-GL-25	Silicone glue 25 g	4052899452244										■	
CONNECTsystem Diffuse (side bending)													
FX-DCS-G1-CM2PF-IP67-0500-X5	Middle power feeder	4052899451971											■
FX-DCS-G1-CM2PJ-IP67-0190-X5	Module-to-module middle jumper	4052899452039											■
FX-DCS-G1-CM2PF-IP67-SIDEKIT5	Feeder kit with end caps & glue	4052899452015											■
FX-DCS-G1-CM2PJ-IP67-SIDEKIT5	Jumper kit with end caps & glue	4052899452077											■
FX-DCS-G1-ECS-KIT20	End caps & glue	4052899452121											■
FX-DCS-G1-EHS-KIT20	Double-sided end caps & glue	4052899452206											■
FX-DCS-G1-GL-25	Silicone glue 25 g	4052899452244											■
Diffuse Mounting System													
FX-LFDM-G1-BT-17H11	Mounting bracket	4052899452480										■	
FX-LFDM-G1-BTL-17H11E9	Mounting bracket with additional wing	4052899452510										■	
FX-LFDM-G1-BS-12H13	Mounting bracket	4052899452541											■
FX-LFDM-G1-BSL-12H13E9	Mounting bracket with additional wing	4052899452572											■

Basic Flex Short Pitch - Accessories

Product	EAN	Generic Description
FX-BFP10-G3-C2PI-IP66 25X1	4062172013680	IP66 connector
FX-BFP10-G3-C2PJ-IP66 25X1	4062172013703	Board to board jumper
FX-BF08-G3-C2PI-IP00 20XBT25	4062172013727	Non IP connector
FX-BF08-G3-C2PJ-IP00-0500 10XBT25	4062172013758	Board to board jumper
FX-BFP10-G3-IP54-ENDCAP 25X1	4062172232173	End cap
FX-BFP10-G3-TT-27H06-06 25X1	4062172232197	Clips & screw set

LELA Rigid (Light Engine-Linear Application)

LINEAR Rigid Slim Diffuse - G1
BASIC Linear
Accessories

LINEAR Rigid Slim Diffuse - G1

Technical Information

Benefits

— Elegant appearance, soft lighting, super slim design.
— Seamless connection for structure and light
— Surface mount by screw/magnet for easy installation
— Available in warm white and cold white
— 120° viewing angle per module
— Dimmable

Applications

— Interior decoration.
— Show case & stock shelves.
— Retail & Supermarket.
— Corridor & ladder.

Technical Operating Data

Product	EAN	Color Temp.	Voltage [V dc]	Lumen (lm)	Efficacy (lm/W)	Current [I mA]	Power [W]*	Length (mm)	No. of LEDs
LR700SD-G1-824-01	4052899557291	2400	24	60	60	60	1	102	14
LR700SD-G1-827-01	4052899557314	2700	24	65	65	60	1	102	14
LR700SD-G1-830-01	4052899557338	3000	24	65	65	60	1	102	14
LR700SD-G1-840-01	4052899557352	4000	24	70	70	60	1	102	14
LR700SD-G1-824-03	4052899557437	2400	24	180	60	190	3	284	42
LR700SD-G1-827-03	4052899557451	2700	24	195	65	190	3	284	42
LR700SD-G1-830-03	4052899557475	3000	24	195	65	190	3	284	42
LR700SD-G1-840-03	4052899557499	4000	24	210	70	190	3	284	42
LR700SD-G1-824-06	4052899557512	2400	24	360	60	380	6	603	91
LR700SD-G1-827-06	4052899557536	2700	24	390	65	380	6	603	91
LR700SD-G1-830-06	4052899557550	3000	24	390	65	380	6	603	91
LR700SD-G1-840-06	4052899557574	4000	24	420	70	380	6	603	91
LR700SD-G1-824-09	4052899557598	2400	24	540	60	570	9	876	133
LR700SD-G1-827-09	4052899557611	2700	24	585	65	570	9	876	133
LR700SD-G1-830-09	4052899557635	3000	24	585	65	570	9	876	133
LR700SD-G1-840-09	4052899557659	4000	24	630	70	570	9	876	133
LR700SD-G1-824-12	4052899557673	2400	24	750	60	750	12.5	1194	182
LR700SD-G1-827-12	4052899557697	2700	24	810	65	750	12.5	1194	182
LR700SD-G1-830-12	4052899557710	3000	24	810	65	750	12.5	1194	182
LR700SD-G1-840-12	4052899557734	4000	24	920	74	750	12.5	1194	182

*) All Data are related to the entire module.
Due to the special conditions of the manufacturing processes of LED the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.

Technical Features

— Size (L xWxH):
  102/284/603/876/1194 mm x 6.5 mm x 9 mm
— Max. available length to be connected in series: 3,000mm
— Pre-mounted connectors on both terminals for easy connection
— 24V Constant Voltage LED modules
— Colour consistency <4 SCDM
— CRI >80
— Up to 36,000 hrslifetime

BASIC Linear

Ideal alternative to linear fluorescent lamp source

Basic description

BASIC Linear series offer reliable and value for money solutions for a variety of general lighting applications. Providing seamless longlife, energy-efficient, and economical lighting alternative to linear fluorescent lamp sources.
— CE marks
— UL Listed
— ENEC Certification

Features

— Consistent white light < 3 SDCM
— Poke-in connectors for 0.5mm² wire
— CRI>80
— Beam angle 120° ± 5°
— 50,000 hrs life

Benefits

— Efficacy: up to 168 lm/W
— Homogeneous light distribution
— No special connection cable needed
— Self-cooling
— Form factor-according Zhaga book 7
— Normal operation with 350mA, able to overdrive up to 500mA.

Applications

— Office (workplace illumination, corridor)
— Commercials (Indoor car park)
— Industry (storage, warehouse, retail)
— Public area (corridor, stairs, subway)

Description	EAN	CCT (K)	Flux (lm) [Tp 50°]	P (W) Module	lm/W [Tp 50°]	Vf (V)	If (mA)	L80 B50** (h)
Basic Linear - G3								
BA-LIN-Z3 1100-830 280X20 VS240	4052899607583	3000	1163	6.1	161	24.5	250	50000
BA-LIN-Z3 1100-840 280X20 VS240	4052899607590	4000	1211	6.1	168	24.5	250	50000
BA-LIN-Z3 1100-865 280X20 VS240	4052899607606	6500	1211	6.1	168	24.5	250	50000
BA-LIN-Z3 1550-830 560X20-HV VS120	4052899607613	3000	2327	9.8	159	49.3	200	50000
BA-LIN-Z3 1550-840 560X20-HV VS120	4052899607620	4000	2345	9.8	166	49.3	200	50000
BA-LIN-Z3 3100-830 1120X20-HV VS120	4052899607668	3000	4506	19.7	159	98.6	200	50000
BA-LIN-Z3 3100-840 1120X20-HV VS120	4052899607675	4000	4689	19.7	166	98.6	200	50000
BA-LIN-Z3 2200-830 560X20 VS120	4052899607637	3000	2327	12.3	161	49.1	250	50000
BA-LIN-Z3 2200-840 560X20 VS120	4052899607644	4000	2422	12.3	168	49.1	250	50000
BA-LIN-Z3 2200-865 560X20 VS120	4052899607651	6500	2422	12.3	168	49.1	250	50000
BA-LIN-Z3 4400-830 1120X20 VS120	4052899607682	3000	4653	24.5	168	98.2	250	50000
BA-LIN-Z3 4400-840 1120X20 VS120	4052899607699	4000	4843	24.5	168	98.2	250	50000
BA-LIN-Z3 4400-865 1120X20 VS120	4052899607705	6500	4843	24.5	168	98.2	250	50000

Description	EAN	CCT (K)	Flux (lm) [Tp 50°]	P (W) Module	lm/W [Tp 50°]	Vf (V)	If (mA)	L80 B50** (h)
Basic Linear - G5								
PL-LIN-Z5 275-830 70X20-LV	4052899618008	3000	256	1.5	174	23.5	62	50000
PL-LIN-Z5 275-840 70X20-LV	4052899618015	4000	271	1.5	184	23.5	62	50000
PL-LIN-Z5 1100-830 280X20-LV/HV	4052899607125	3000	1027	5.9	174	23.5	250	50000
PL-LIN-Z5 1100-840 280X20-LV/HV	4052899607132	4000	1084	5.9	184	23.5	250	50000
PL-LIN-Z5 1100-865 280X20-LV/HV	4052899607149	6500	1084	5.9	184	23.5	250	50000
PL-LIN-Z5 2000-830 280X20-LV/HV	4052899607156	3000	1963	11.8	165	43.1	275	50000
PL-LIN-Z5 2000-840 280X20-LV/HV	4052899607163	4000	2072	11.8	175	43.1	275	50000
PL-LIN-Z5 2000-865 280X20-LV/HV	4052899607170	6500	2072	11.8	175	43.1	275	50000
PL-LIN-Z5 2200-830 560X20-LV	4052899607187	3000	2054	11.8	174	23.5	500	50000
PL-LIN-Z5 2200-840 560X20-LV	4052899607194	4000	2168	11.8	184	23.5	500	50000
PL-LIN-Z5 2200-865 560X20-LV	4052899607200	6500	2168	11.8	184	23.5	500	50000
PL-LIN-Z5 2200-830 560X20-HV	4052899607248	3000	2054	11.8	175	47.1	250	50000
PL-LIN-Z5 2200-840 560X20-HV	4052899607255	4000	2168	11.8	184	47.1	250	50000
PL-LIN-Z5 2200-865 560X20-HV	4052899607262	6500	2168	11.8	184	47.1	250	50000
PL-LIN-Z5 4000-830 560X20-LV	4052899607217	3000	3926	23.7	165	43.1	550	50000
PL-LIN-Z5 4000-840 560X20-LV	4052899607224	4000	4156	23.7	175	43.1	550	50000
PL-LIN-Z5 4000-865 560X20-LV	4052899607231	6500	4156	23.7	175	43.1	550	50000
PL-LIN-Z5 4000-830 560X20-HV	4052899607279	3000	3926	23.7	165	86.2	275	50000
PL-LIN-Z5 4000-840 560X20-HV	4052899607286	4000	4145	23.7	175	86.2	275	50000
PL-LIN-Z5 4000-865 560X20-HV	4052899607293	6500	4145	23.7	175	86.2	275	50000
PL-LIN-Z5 4400-830 1120X20-HV	4052899607309	3000	4107	23.5	174	94.2	250	50000
PL-LIN-Z5 4400-840 1120X20-HV	4052899607316	4000	4355	23.5	184	94.2	250	50000
PL-LIN-Z5 5500-830 1400X20-HV	4052899607323	3000	5134	29.4	174	117.7	250	50000
PL-LIN-Z5 5500-840 1400X20-HV	4052899607330	4000	5419	29.4	184	117.7	250	50000
Basic Linear - G6								
PL-LIN-Z6 245-830 62x20-HV	4052899605961	3000	238	1.3	181	5.2	250	50000
PL-LIN-Z6 245-840 62x20-HV	4052899605978	4000	257	1.3	196	5.2	250	50000
PL-LIN-Z6 275-827 70X20-LV	4052899605985	2700	258	1.5	177	23.6	62	50000
PL-LIN-Z6 275-830 70X20-LV	4052899605992	3000	265	1.5	181	23.6	62	50000
PL-LIN-Z6 275-840 70X20-LV	4052899606005	4000	286	1.5	196	23.6	62	50000
PL-LIN-Z6 550-827 140X20-LV	4052899606012	2700	521	3.0	177	23.6	125	50000
PL-LIN-Z6 550-865 140X20-LV	4052899606050	3000	535	3.0	181	23.6	125	50000
PL-LIN-Z6 550-830 140X20-LV	4052899606029	4000	577	3.0	196	23.6	125	50000
PL-LIN-Z6 550-840 140X20-LV	4052899606036	5000	577	3.0	196	23.6	125	50000
PL-LIN-Z6 550-850 140X20-LV	4052899606043	6500	577	3.0	196	23.6	125	50000
PL-LIN-Z6 1100-827 280X20-LV/HV	4052899606067	2700	1042	5.9	177	23.6	250	50000
PL-LIN-Z6 1100-830 280X20-LV/HV	4052899606074	3000	1070	5.9	181	23.6	250	50000
PL-LIN-Z6 1100-840 280X20-LV/HV	4052899606081	4000	1154	5.9	196	23.6	250	50000

Description	EAN	CCT (K)	Flux (lm) [Tp 50°]	P (W) Module	lm/W [Tp 50°]	Vf (V)	If (mA)	L80 B50** (h)
PL-LIN-Z6 1100-850 280X20-LV/HV	4052899606098	5000	1154	5.9	196	23.6	250	50000
PL-LIN-Z6 1100-865 280X20-LV/HV	4052899606104	6500	1154	5.9	196	23.6	250	50000
PL-LIN-Z6 2000-827 280X20-LV/HV	4052899606111	2700	1829	10.6	171	42.7	250	50000
PL-LIN-Z6 2000-830 280X20-LV/HV	4052899606128	3000	1878	10.6	176	42.7	250	50000
PL-LIN-Z6 2000-840 280X20-LV/HV	4052899606135	4000	2026	10.6	190	42.7	250	50000
PL-LIN-Z6 2000-850 280X20-LV/HV	4052899606142	5000	2026	10.6	190	42.7	250	50000
PL-LIN-Z6 2000-865 280X20-LV/HV	4052899606159	6500	2026	10.6	190	42.7	250	50000
PL-LIN-Z6 2200-827 560X20-LV	4052899606166	2700	2083	11.8	177	23.6	500	50000
PL-LIN-Z6 2200-830 560X20-LV	4052899606173	3000	2140	11.8	181	23.6	500	50000
PL-LIN-Z6 2200-840 560X20-LV	4052899606180	4000	2309	11.8	196	23.6	500	50000
PL-LIN-Z6 2200-850 560X20-LV	4052899606197	5000	2309	11.8	196	23.6	500	50000
PL-LIN-Z6 2200-865 560X20-LV	4052899606203	6500	2309	11.8	196	23.6	500	50000
PL-LIN-Z6 2200-827 560X20-HV	4052899606265	2700	2083	11.8	177	47.1	250	50000
PL-LIN-Z6 2200-830 560X20-HV	4052899606272	3000	2140	11.8	181	47.1	250	50000
PL-LIN-Z6 2200-840 560X20-HV	4052899606289	4000	2309	11.8	196	47.1	250	50000
PL-LIN-Z6 2200-850 560X20-HV	4052899606296	5000	2309	11.8	196	47.1	250	50000
PL-LIN-Z6 2200-865 560X20-HV	4052899606302	6500	2309	11.8	196	47.1	250	50000
PL-LIN-Z6 4000-827 560X20-LV	4052899606210	2700	3657	21.3	171	42.7	500	50000
PL-LIN-Z6 4000-830 560X20-LV	4052899606227	3000	3756	21.3	176	42.7	500	50000
PL-LIN-Z6 4000-840 560X20-LV	4052899606234	4000	4053	21.3	190	42.7	500	50000
PL-LIN-Z6 4000-850 560X20-LV	4052899606241	5000	4053	21.3	190	42.7	500	50000
PL-LIN-Z6 4000-865 560X20-LV	4052899606258	6500	4053	21.3	190	42.7	500	50000
PL-LIN-Z6 4000-827 560X20-HV	4052899606319	2700	3657	21.3	171	85.3	250	50000
PL-LIN-Z6 4000-830 560X20-HV	4052899606326	3000	3756	21.3	176	85.3	250	50000
PL-LIN-Z6 4000-840 560X20-HV	4052899606333	4000	4053	21.3	190	85.3	250	50000
PL-LIN-Z6 4000-850 560X20-HV	4052899606340	5000	4053	21.3	190	85.3	250	50000
PL-LIN-Z6 4000-865 560X20-HV	4052899606357	6500	4053	21.3	190	85.3	250	50000

Accessories details

| Product	EAN	Length (mm)	Width (mm)	Height (mm)	Material	Transmission
PL-LIN DIFFUSER 560X28	4052899466692	560	29	22	PC	82%
PL-LIN DIFFUSER 600X28	4052899466739	600	29	22	PC	82%
PL-LIN DIFFUSER 1150X28	4052899466753	1150	29	22	PC	82%
PL-LIN DIFFUSER 1450X28	4052899466777	1450	29	22	PC	82%
PL-LIN ENDCAP FOR DIFFUSER 28	4052899466791	12	32	24	PC	Opaque

Accessories

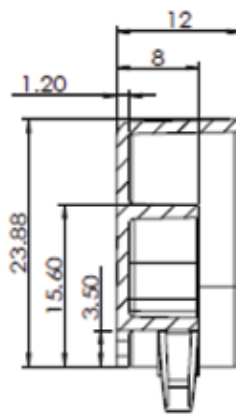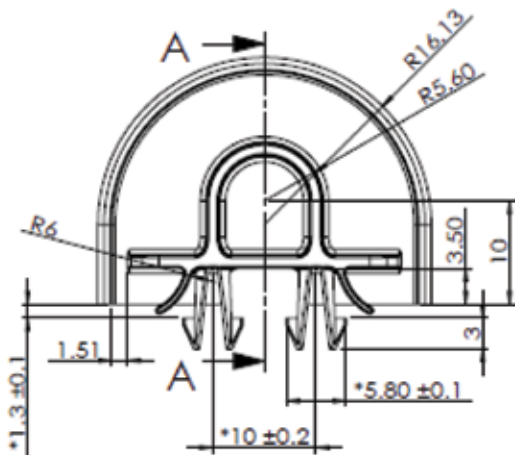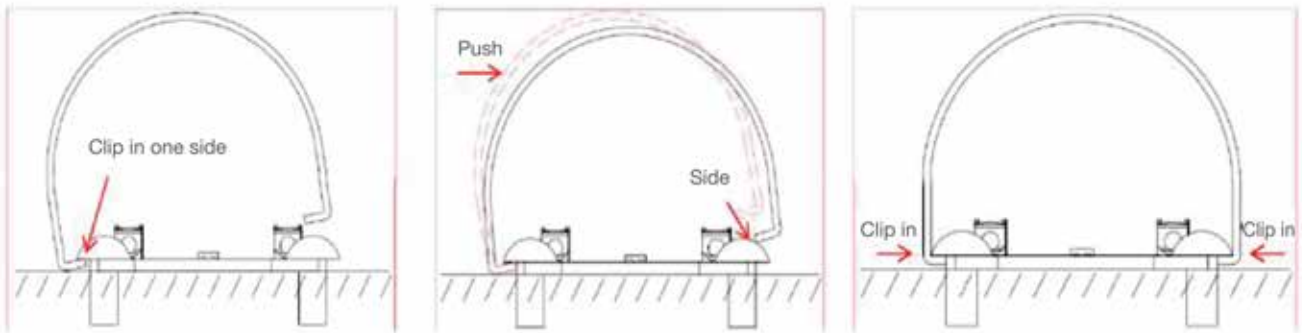PrevaLED® Linear Diffuser and End Cap

Description (Diffuser)

— Width: 28.5mm
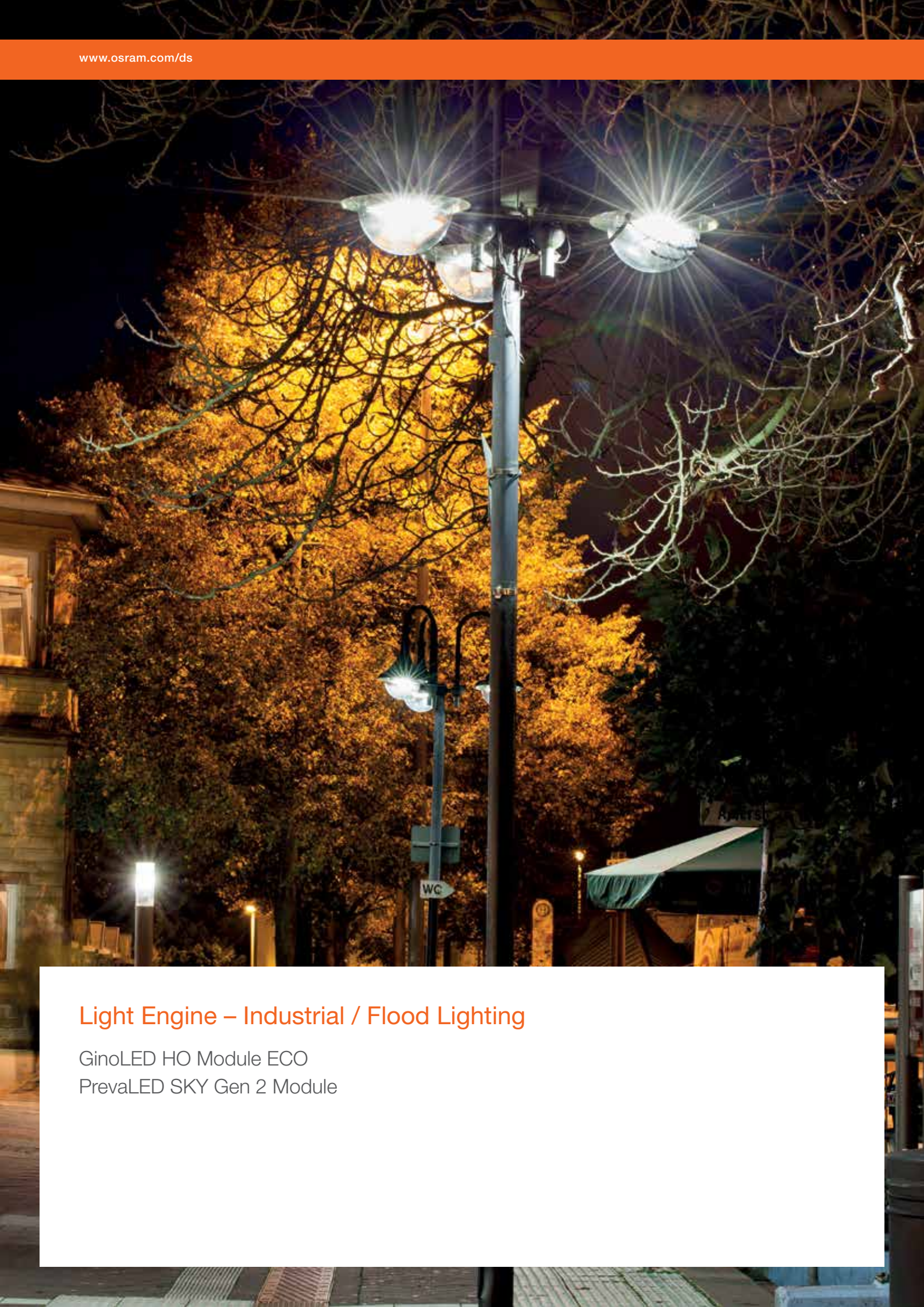— Height: 22 mm
— Length: 560 / 600 /1150 /1450mm
— Material of UL94-V2 grade PC for safe operation

Description (Endcap)

— Material: PC
— Dimension: 32.2 mm x 23.9 mm x 12 mm
  (based on the width of linear 20 mm)
— Fast snap on mounting, suitable for tray thickness 0.4mm - 1mm
  and drilling hole 4 mm
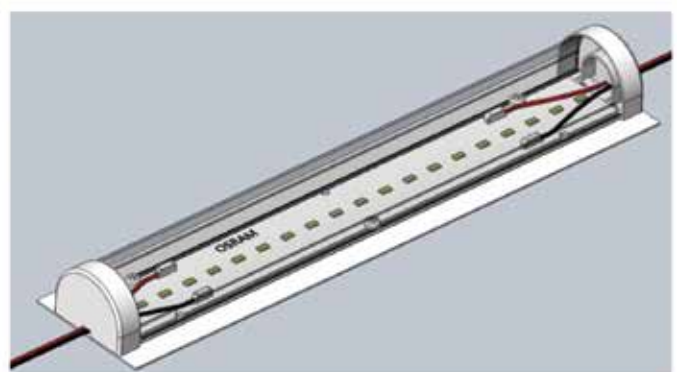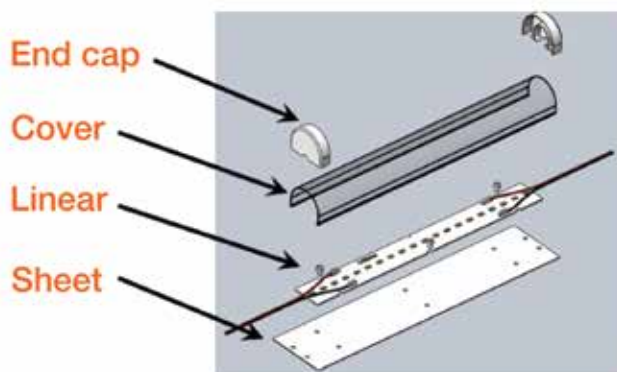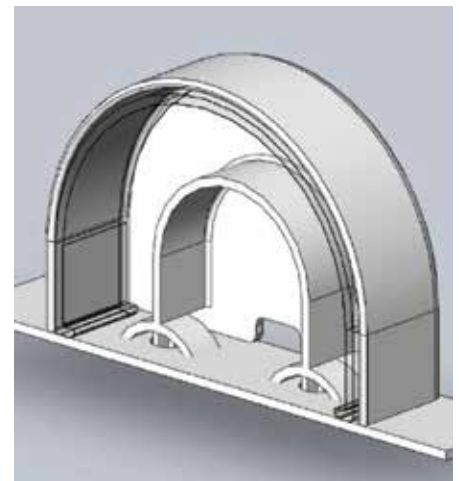
Light Engine – Industrial / Flood Lighting

GinoLED HO Module ECO
PrevaLED SKY Gen 2 Module

GinoLED HO* Module ECO

Datasheet

The GinoLED is a high power LED module with an integrated sink for optimal thermal management and tailored optical design. The GinoLED lightweight and easy assembly design makes intallation much easier. Up to 143Lm/W high efficacy designed to reach more energy saving. GinoLED is an IP65 unit equipped with IP connector for easy installation. GinoLED is the best solution for traditional lamp from 100W to 400W.

Benefits

— Tailored optical and thermal design
  — 60°×60° and 90°×90° lens design, adaptation to different mounting heights.
  — The high performance of GinoLED module is attributable to the omnidirectional nature of tree-like fins. Thanks to that, air streams are able to enter and exit from all directions.
— IP65/IK08 protection
  — Self-contained housing with heat sink, no extra protection is needed
— High energy efficiency
  — Up to 143Lm/W high efficacy**.
— Easy for assembly
  — Thanks for GinoLED integrated design, only few step to finish assembly.
— Long life time
  — 50,000hrs
** Mentioned efficacy without driver power consumption.

Applications

— Airport, Station, Factory
— Indoor Court, Exhibition Hall, Warehouse

*HO: High lumen output

Specification (4000K & 6500K)

The typical values involved in this specification are under the following conditions:

Product category	tp-normal
GL-HO-E 80-XXX-LXXXXX	50°C
GL-HO-E 120-XXX-LXXXXX	55°C
GL-HO-E 150-XXX-LXXXXX	60°C
GL-HO-E 180-XXX-LXXXXX	60°C

	Parameter	GinoLED HO Module E			
		GL-HO-E 80	GL-HO-E 120	GL-HO-E 150	GL-HO-E 180
Light Output	Typical Module flux	11000 lm	16500 lm	20500 lm	25600 lm
	Typical Module efficacy	143 Lm/W	143 Lm/W	143 Lm/W	143 Lm/W
	Optical	60° x 60°			
		90° x 90°			
	CCT	4000K & 6500K			
	SDCM	5			
	Typical CRI (Ra)	80 or > 80			
	Lifetime(L70B50@ tp-normal)	50,000 hours			
Electrical	Typical input voltage	110V dc	165V dc	200V dc	256V dc
	Typical input current	0.7 A	0.7 A	0.7 A	1.05 A
	Module Power @(typical)	77W	116W	140W	179W
	Recommended Driver	OSRAM OPTOTRONIC			
		80W: OT 100/220-240/1A4 1DIMA P7			
		120W: OT 150/220-240/1A4 1DIMA P7			
		150W: OT 150/220-240/1A4 1DIMA P7			
		180W: OT 200/220-240/1A4 1 DIMA P7			
Mechanical	Dimension	ø296mmL x 204mmH		ø339mmL x 233mmH	
		(Include Driver box)		(Include Driver box)	
	Mounting	Suspended / wall mounted**			
	Optics	Polycarbonate lens			
	Module Weight	2.1 kg		2.8 kg	
Temperature	Operating temp. range (ta)*	-30 … 45°C			
	Storage temp. range*	-40 … 80°C			
Standard Compliance	IP Rating	IP65			
	IK Rating	IK08			
	Certification	CE CB/CQC/BIS			

IP65 IK08

Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product. Actual lumen output can be varied due to many factors like lamp factor of LED, input current/voltage, thermal conditions, many other optical tolerance, and measurement tolerance. The data above is for reference only. Please contact Osram sales or marketing staff for advice if customers has any specific demand on particular parameters.

Tolerance of measurements for the color rendering Ra is ±2.

* Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module. The temperature of the LED module needs to be measured at the tc-point according to EN60598-1 in a thermally constant state with a temperature sensor or a temperature sensitive label.

** Additional accessories are needed for Wall mounted, please contact with sales to get more information.

Digital Systems

Product	EAN	I in (MA)	VIN DC	Dimension (MM) (L x H)	P (W) Module	CCT (K)	OPTICS	IP	Nominal Flux	LM/W
GL-HO-E 80-865-IN L90X90	4062172082549	700	110	ø296 x 204	77	6500K	90x90	IP65	11000	143
GL-HO-E 120-865-IN L90X90	4062172082563	700	165	ø296 x 204	116	6500K	90x90	IP65	16500	143
GL-HO-E 150-865-IN L60X60	4062172082587	700	200	ø339 x 233	140	6500K	60x60	IP65	20500	143
GL-HO-E 180-865-IN L60X60	4062172082600	700	256	ø339 x 233	179	6500K	60x60	IP65	25600	143
GL-HO-E 180-865-IN L90x90	4052899495036	700	256	ø339 x 233	179	6500	90x90	IP65	25600	143

Product	EAN	I out mA	V out DC	Dimension (MM) (L x W x H)	Pout W	V in AC	THD(%) at full load	IP	Surge Preot Ection L/N|L/NPE (KV)	Dimmable
OT 100/220-240/1A4 1DIMA P7	4052899495036	400-1400	69-144	212x68x43.5	50-100	220-240	<10%	IP67	6 | 6	Astrodim
OT 150/220-240/1A4 1DIMA P7	4052899495050	400-1400	95-214	212x68.5x37	75-150	220-240	<10%	IP67	6 | 6	Astrodim
OT 200/220-240/1A4 1DIMA P7	4052899495074	400-1400	143-286	252.5x68x43.5	100-200	220-240	<10%	IP67	6 | 6	Astrodim

PrevaLED SKY G2 Module

Datasheet

The PrevaLED SKY is a high power LED module with integrated heat sink for optimal thermal management and tailored optical design. The modular design concept of PrevaLED SKY allows for design flexibility by varying the module quantity to achieve the best street lighting solution for difference application from Road lighting to Area lighting. The LED module is available in different color temperature (3000/4000/6500K), offering very long time lifetime for minimal maintenance. PrevaLED SKY is an IP66 unit equipped with M15 IP connector for easy installation and ideal for outdoor applications. *Product pictures only for reference

Benefits

Tailored optical design
— Special designed lenses optimized the light distribution across the road for different road class requirements and also difference application required Highbay, Lowbay and Area floodlight illumination.

Light weight design
— Optimization of thermal design, keep small size, reducing the cost of structural accessories for luminaire level, and also easy for installation for end customer.

IP66 protection
— Self-contained housing with heat sink for excellent IP protection, no extra protection is needed.

High energy efficiency
— Up to 152Lm/W module efficacy, maximizing system efficiency.

Stackable & maintainable module
— Simple screw fixing module allowing multiple module configuration in luminaires.

Long life time
— Optimized for extended lifetime and lumen maintenance.

Applications

— Area illumination for Highbay, Lowbay, Canopy light used for industry and outdoor applications
— Billboard light and Floodlight
— Street lighting for ME1 and ME2 road classes

Specification (3000/4000/6500K)

The typical values involved in this specification are under the following conditions:

Driver current	t$_p$-normal
960mA	75°C
700mA	65°C
450mA	55°C

Items	Parameter	PrevaLED SKY G2		
		Low driven	Typical	Over driven
Light Output*	Driver current	450 mA	700 mA	960 mA
	Typical luminous flux @4000K @tp-normal	3200 Lm	4600 Lm	5900 Lm
	Luminous flux range @ 4000K @tp-normal	2880~3520 Lm	4140~5060 Lm	5310~6490 Lm
	Optical	150° x 80° T40°S (For Staggered / Opposite mount) 150° x 80° T40°C (For Twin-central mount) 60° x 60° (Highbay) 100° x 100° (Lowbay) 100° x 60° Asymmetric (Floodlight)		
	CCT	3000/4000/6500K		
	Typical CRI (Ra)	>70 (> 80 for 4000K only)		
	Lifetime (L70/B50) @tp-normal	50,000hrs	50,000hrs	35,000hrs
Electrical	Typical input voltage	46.7 V	47.1 V	50.0 V
	Input voltage range	44.6~49.6 V	46.1~51.4 V	47.8~54 V
	Module Typical Power	21 W	34 W	48 W
	Recommended Driver	Please refer to driver matching table		
	ESD Protection	Contact 4KV, Air 8KV		
	Dimming	Yes		
Mechanical	Dimension	220mm (L) x 70mm (W) x 66mm (H)		
	Mounting	screw fixing at side brackets		
	Optics	polycarbonate lens		
	Weight	350±30g		
Temperature	Ambient temp. range	-30~+50°C		
	Operating (case) temp. range *	-30~+90°C		
	Storage temp. range *	-30~+85°C		
Standard Compliance	IP Rating	IP66		
	IK Rating	IK08		
	Standard	IEC 62471; EN 60529; EN 62031; IEC 60598-1; EN 55015; EN 61547		
	Flammability	IEC 60598-1		
	Environment	RoHS		
	Certification	CE/CB, CQC		

IP66 IK08

Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product. Actual lumen output can be varied due to many factors like lamp factor of LED, input current/voltage, thermal conditions, many other optical tolerance, and measurement tolerance. The data above is for reference only. Please contact OSRAM sales or marketing staff for advice if customers has any specific demand on particular parameters.

Tolerance of measurements for the color rendering Ra is ±2.

* Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module. The temperature of the LED module needs to be measured at the tc-point according to EN60598-1 in a thermally constant state with a temperature sensor or a temperature sensitive label.

Product	EAN	CCT	Lumen			V in dc			Watt			Optics	CRI
			450 mA*	700 mA*	960 mA*	450 mA*	700 mA*	960 mA*	450 mA*	700 mA*	960 mA*		
PL-SKY-G2 730L100X100 W/P	4052899573710	3000	3200	4600	5900	46.7	47.1	50.0	21	34	48	100^0 x 100^0	70
PL-SKY-G2 730L100X60 W/P	4052899573734	3000	3200	4600	5900	46.7	47.1	50.0	21	34	48	100^0 x 60^0	70
PL-SKY-G2 730L60X60 W/P	4052899573758	3000	3200	4600	5900	46.7	47.1	50.0	21	34	48	60^0 x 60^0	70
PL-SKY-G2 730L150X80T40C W/P	4052899573772	3000	3200	4600	5900	46.7	47.1	50.0	21	34	48	150^0 x 80^0 T40^0C	70
PL-SKY-G2 730L150X80T40S W/P	4052899573796	3000	3200	4600	5900	46.7	47.1	50.0	21	34	48	150^0 x 80^0 T40^0S	70
PL-SKY-G2 740L100X100 W/P	4052899573819	4000	3200	4600	5900	46.7	47.1	50.0	21	34	48	100^0 x 100^0	70
PL-SKY-G2 740L100X60 W/P	4052899573833	4000	3200	4600	5900	46.7	47.1	50.0	21	34	48	100^0 x 60^0	70
PL-SKY-G2 740L60X60 W/P	4052899573857	4000	3200	4600	5900	46.7	47.1	50.0	21	34	48	60^0 x 60^0	70
PL-SKY-G2 740L150X80T40C W/P	4052899573871	4000	3200	4600	5900	46.7	47.1	50.0	21	34	48	150^0 x 80^0 T40^0C	70
PL-SKY-G2 740L150X80T40S W/P	4052899573895	4000	3200	4600	5900	46.7	47.1	50.0	21	34	48	150^0 x 80^0 T40^0S	70
PL-SKY-G2 765L100X100 W/P	4052899573918	6500	3200	4600	5900	46.7	47.1	50.0	21	34	48	100^0 x 100^0	70
PL-SKY-G2 765L100X60 W/P	4052899573932	6500	3200	4600	5900	46.7	47.1	50.0	21	34	48	100^0 x 60^0	70
PL-SKY-G2 765L60X60 W/P	4052899573956	6500	3200	4600	5900	46.7	47.1	50.0	21	34	48	60^0 x 60^0	70
PL-SKY-G2 765L150X80T40C W/P	4052899573970	6500	3200	4600	5900	46.7	47.1	50.0	21	34	48	150^0 x 80^0 T40^0C	70
PL-SKY-G2 765L150X80T40S W/P	4052899573994	6500	3200	4600	5900	46.7	47.1	50.0	21	34	48	150^0 x 80^0 T40^0S	70
PL-SKY-G2 840L100X100 W/P	4052899574014	4000	3000	4500	5700	46.7	47.1	50.0	21	34	48	100^0 x 100^0	70

M15 IP Connection Adaptor by others
Can ve supplied upon request.

STD IP connection and M15 IP connection
Adaptor by others can be supplied upon request

Replacement of Traditional HPS

3k lm → 50W HPS / 70W HPS

6k lm → 100W HPS

3k lm + 6k lm → 150W HPS

3k lm + 2 x 6k lm → 250W HPS

4 x 6k lm → 400W HPS

Remark: Due to difference luminaires have difference performance, above is only general recommendation on the replacement on the lamp, exact application lighting performance should be evaluate with lighting simulation.

OPTOTRONIC® LED drivers from OSRAM – reliable and interoperable systems for energy-efficient lighting design

Versatile LED drivers for different project needs

With a wide range of LED drivers, OSRAM provides you with individual LED solutions for your multifaceted professional and semiprofessional projects. All OSRAM LED drivers are known for their high performance and efficiency, giving you tremendous flexibility for the design of LED luminaires.

No matter whether the job involves indoor or outdoor settings, round or linear luminaires, general or accent lighting – we can help you find the right OSRAM LED driver. The following chapter informs you about:

— Perfect combinations – systems with matching LED drivers and LED modules
— High quality and guarantee – any LED driver that has failed because of a material or manufacturer's fault will be refunded

— OSRAM DALI technology (DALI-2, Constant Light Output (CLO), soft switch-off, Emergency Lighting (EL), Tunable White, Monitoring Data etc.), software and programming
— Design freedom and innovative housing designs
— Product families
  Features and segmentation of OSRAM LED driver families
    — Constant current, linear shape, indoor application
    — Constant current, compact shape, indoor application
    — Constant current, outdoor application
    — Constant voltage, indoor and outdoor application
— Useful installation and operating instructions (number of ECGs per circuit breaker, permitted number of switching cycles, lifetime of LED drivers and permitted temperatures etc.)

A perfect combination

Expect more than just components. Expect a perfectly matched system. As one of the world's leading suppliers in the lighting sector, OSRAM provides you with perfectly matched components: innovative LED drivers and LED modules.

Your benefits

— LED drivers and modules from a single source
— Maximum reliability in system operation
— Only one point of contact in all matters relating to lighting

Research and development

Providing today what tomorrow needs. Continuous research and development on all OSRAM products promises innovative and open systems with additional user benefits to fulfill the needs of future lighting systems.

Your benefits

— Compliance with current regulations and in certain cases, conformity with planned regulations
— High energy efficiency in lighting solutions
— The use of standard protocols enhanced by globally unique features

— DALI-2 logo: High inter-operability with DALI control devices and sensors from various manufacturers
— OSRAM's proven quality, technology and guarantee
— High quality of light (low light modulation, CLO)

Excellent experience with 1 billion installed ECGs

Only those supplying highest quality earn your trust. With up to 100,000 hours at a maximum failure rate of 10%, OSRAM offers an excellent lifetime performance in the market. Thanks to this excellent level of reliability, OSRAM ECGs are not only the choice of leading luminaire manufacturers but also of well-known major users across the world.

Due to their high performance, an increasing number of OPTOTRONIC® LED drivers are also being used in extreme temperature ranges and harsh environments.

OPTOTRONIC DRIVERS

CONSTANT CURRENT INDOOR - COMPACT SERIES

Product	EAN	Iout (mA)	Vout	Pout (W)	LxWxH (mm)
FIGHTER PRO Current Selection (CS) - Non Dimmable					
Fighter Pro LD 20/220-240/500 CS IN	4062172183253	350/400/450/500	25 – 43	5.13 – 18.9	97 X 43 X 29.5
Fighter Pro LD 30/220-240/750 CS IN	4062172167277	600/650/700/750	25 – 43	14.7 – 30.1	97 X 43 X 29.5
Fighter Pro LD 40/220-240/1A0 CS IN	4062172167291	800/900/950/1050	21 – 43	16.8 – 45.2	97 X 43 X 29.5
Fighter Pro LD 10/220-240/700 CS IN	4052899590502	550/600/650/700	8-15	4.4 -10.5	79 X 39 X 22
Fighter Pro LD 12/220-240/250 CS IN	4052899590489	130/180/200/250	24-48	3.12-12	79 X 39 X 22
Fighter Pro LD 15/220-240/350 CS IN	4052899590526	200/250/300/350	21-43	4.2 - 15.05	95 X 39 X 28
Fighter Pro LD 15/220-240/700 CS IN	4052899590885	550/600/650/700	15-21	8.25 - 14.7	95 X 39 X 28
FIT with 4 Current Selections (CS) - Non Dimmable					
OT FIT 20/220-240/500 CS IN G2	4062172009416	250/350/450/500	21 – 42	5.25– 21	97 X 43 X 29.6
OT FIT 30/220-240/700 CS IN G2	4052899455993	500/600/650/700	21 – 43	14.7 – 30.1	97 X 43 X 29.5
OT FIT 45/220-240/1A0 CS IN G2	4052899456013	800/900/9501050	21 – 43	16.8 – 45.2	97 X 43 X 29.5
OT FIT 75/220-240/1A6 CS UNV1	4052899999565	1200/1350/1500/1650	27 - 57	32.5 - 77	110 X 75 X 25
OT FIT 8/220-240/180 CS S MINI	4052899587922	90/120/150/180	30 - 42	2.7…7.6	87 X 30 X 20
OT FIT 15/220-240/350 CS S MINI	4062172013406	225/250/325/350	30 - 42	6.7…14.7	87 X 35 X 22
OT FIT 20/220-240/500 CS S MINI	4052899587960	400/450/475/500	30 - 42	12…21	87 X 35 X 22
OT FIT 30/220-240/700 CS S MINI	4062172013420	550/600/650/700	30 - 42	17…29	87 X 35 X 22
OT FIT 38/220-240/900 CS S MINI	4052899587984	800/850/875/900	30 - 42	27…37.8	87 X 35 X 22
OT 32/220-240/800 R IN	4062172123952	800	25 - 40	20 - 32	Round
OT 36/220-240/900 R IN	4062172123976	900	25 - 40	22.5 - 36	Round
FIT NFC - Non Dimmable with NFC programmable current					
OT FIT 40/220-240/1A0 NFC (NEW)	4052899617193	700…1050	18– 40	12.6– 42	97 X 43 X 29.5
OT FIT 25/220-240/700 NFC (NEW)	4052899617186	350….700	18– 40	6.3 – 28	97 X 43 X 29.5
OT FIT 15/220-240/350 NFC (NEW)	4052899617179	150….350	18– 40	2.7 – 14	97 X 43 X 29.5
FIT Track with 4 Current Selections (CS) - Non Dimmable					
OT FIT 20/220-240/500 CS T-B/G/W (NEW)	4052899617230	250/350/450/500	25 – 42	6.25– 21	162 X 31 X 41
OT FIT 30/220-240/800 CS T-B/G/W (NEW)	4052899617247	600/700/750/800	25 – 42	14.7 – 33.6	162 X 31 X 41
OT FIT 40/220-240/1A0 CS T-B/G/W (NEW)	4052899617254	800/900/950/1050	27 – 40	23 – 44.1	162 X 31 X 41
Phase Cut - Dimmable					
OT FIT 30/220-240/700 CS PC (NEW)	4052899617308	500/700	27 - 40	13.5 -28	119 X 53 X 30
OT FIT 40/220-240/1A0 CS PC (NEW)	4062172131438	800/900/950/1050	27 - 40	21.6 - 42	108 X 67 X 22
OT FIT 8/220-240/180 CS PC	4062172007535	100/120/155/180	27 - 40	2.7 - 8	95 X 50 X 22
OT FIT 18/220-240/450 CS PC	4062172007559	225/325/350/450	27 - 40	7 - 18	95 X 50 X 22
Tunable White					
OT FIT 10/220–240/255 TW VS20	4062172080569	180/205/230/255	27 - 38	4.9 – 9.7	102 X 51 X 22
OT FIT 40/220–240/1A0 TW VS20	4062172080583	700/800/900/1000	27 - 38	18.9 - 38	108 X 67 X 22
OT FIT 18/220–240/450 TW VS20	406 2172110280	300/350/400/450	27 - 38	8.1 - 17.1	95 X 53 X 30
DALI - Dimmable with programmable current					
OTi DALI 50/220-240/1A4 LT2	4052899488182	600-1400	27-54	20-54	110 X 75 X 25
OTi DALI 35/220-240/1A0 LT2	4052899488168	450-1050	15-54	15-35	103 X 67 X 29.5
OTi DALI 25/220-240/700 LT2	4052899488144	250-700	12-54	10-27	103 X 67 X 29.5
OTi DALI 15/220-240/1A0 LT2	4052899324879	150-1050	7.5-54	3- 18	95 X 53 X 30

Product	EAN	Iout (mA)	Vout	Pout (W)	LxWxH (mm)
QBM (Qualified bluetooth Mesh) - Dimmable					
OTi QBM 20/220…240/500 NFC S (NEW)	4062172110129	200…500	20…50	4…20	97 X 43 X 29.5
OTi QBM 30/220…240/700 NFC S (NEW)	4062172110143	350…700	20…50	10…30	97 X 43 X 29.5
OTi QBM 40/220…240/1A0 NFC S (NEW)	4062172110167	500…1050	20…50	20…40	97 X 43 X 29.5
OTi QBM 20/220…240/500 NFC I COMING SOON	4062172115025	200…500	20…50	4…20	204 X 50 X 32
OTi QBM 30/220…240/700 NFC I COMING SOON	4062172115049	350…700	20…50	10…30	204 X 50 X 32
OTi QBM 40/220…240/1A0 NFC I COMING SOON	4062172115063	500…1050	20…50	20…40	204 X 50 X 32
DALI - Dimmable with NFC programmable current					
OTI DALI 10/220-240/700 NFC DIM UNV1	4052899562639	150-700	2.5-45	1.0 - 10	124 X 30 X 21
OTI DALI15/220-240/1A0LT2 NFC UNV1	4052899548190	150-1050	7.5-54	3- 18	95 X 53 X 30
OTI DALI25/220–240/700 LT2 NFC UNV1	4052899548213	250-700	12-54	10-27	103 X 67 X 29.5
OTI DALI35/220–240/1A0 LT2 NFC UNV1	4052899548237	450-1050	15-54	15-35	103 X 67 X 29.5
OTI DALI50/220–240/1A4 LT2F NFCUNV1	4052899548251	600-1400	27-54	20-54	110 X 75 X 25
OTI DALI15/220-240/1A0 NFC	4062172061766	150-1050	7.5-54	3- 18	95 X 53 X 30
OTI DALI25/220–240/700 NFC	4062172017909	250-700	12-54	10-27	103 X 67 X 29.5
OTI DALI35/220–240/1A0 NFC	4062172017923	450-1050	15-54	15-35	103 X 67 X 29.5
OTI DALI50/220–240/1A4 NFC	4062172061889	600-1400	27-54	20-54	110 X 75 X 25
DALI - DEXAL with programmable current					
OTi DX 25/220…240/700 NFC (NEW)	4062172017947	180…700	15…54	7…27	103 X 67 X 29.5
OTi DX 35/220…240/1A0 NFC (NEW)	4062172017961	350…1050	15…54	14…35	103 X 67 X 29.5
OTi DX 50/220…240/1A4 NFC (NEW)	4062172061865	600…1400	15…54	22…55	110 X 75 X 25
Dali(Eco Version) - Dimmable with NFC programmable current					
IT DALI 40/220-240/1A0 NFC (NEW)	4052899617155	700…1050	18– 40	12.6– 42	97x43x29.5
IT DALI 25/220-240/700 NFC (NEW)	4052899617148	350….700	18– 40	6.3 – 28	97x43x29.5
IT DALI 15/220-240/350 NFC (NEW)	4052899617131	150….350	18– 40	2.7 – 14	97x43x29.5

CONSTANT CURRENT INDOOR - LINEAR SERIES

Product	EAN	Iout (mA)	Vout	Pout (W)	LxWxH (mm)
FIT with 4 Current Selections (CS) - Non Dimmable					
OT FIT 35/220-240/700 CS L IN	4052899456037	400/500/600/700	27-54	10.8 – 37.8	280 X 30 X 21
OT FIT 55/220-240/1A0 CS L IN	4052899456051	800/900/950/1050	27-54	21.6 – 56.7	280 X 30 X 21
OT FIT 75/220-240/1A4 CS L IN	4052899456075	1100/1200/1300/1400	27-54	29.7 – 75.6	360 X 30 X 21
OT FIT Non-SELV					
OT FIT 35/220-240/350 D LT2 L	4052899478411	75 -350	54-216	4.1 -35	280 X 30 X 21
OT FIT 35/220-240/350 D NFC L VS20	4052899990166	75 -350	54-216	4.1 -35	280 X 30 X 21
OT FIT 75/220-240/550 D LT 2 L	4052899478435	125-550	54-216	6.8 - 75	280 X 30 X 21
OT FIT 75/220-240/550 D NFC L VS20	4052899990180	125-550	54-216	6.8 - 75	280 X 30 X 21
OT FIT 65/220-240/350 D CS L	4052899531451	200/250/300/350	70 - 220	16 - 66.5	210 X 30 X 21
OT FIT 120/220-240/750 D LT 2 L	4052899497900	250-750	54-216	13.5 - 120	360 X 30 X 21
OT FIT 75/220-240/500 D NFC F L (NEW)	4062172063968	125 - 500	54-216	10 -75	280 X 30 X 16
OT FIT 35/220-240/400 D NFC F L (NEW)	4062172063944	75 - 400	54-216	6 - 35	280 X 30 X 16
OT FIT 25/220-240/250 D NFC F L (NEW)	4062172063920	35 - 250	54-216	4 - 25	280 X 30 X 16
OT FIT NFC-SELV					
OT FIT 25/220-240/500 NFC L COMING SOON	4062172063982	170 - 500	20-51	8 - 25	305 X 161 X 104
OT FIT 35/220-240/700 NFC L COMING SOON	4062172064002	250 - 700	20-51	13 -35	305 X 161 X 104
OT FIT 55/220-240/1A0 NFC L COMING SOON	4062172064026	400 - 1050	20-51	21 – 55	305 X 161 X 104
OT FIT 75/220-240/1A4 NFC L COMING SOON	4062172064040	600 - 1400	20-51	29 - 75	305 X 161 X 104
IT FIT Non-SELV					
IT FIT 18/220…240/350 CS D L (NEW)	4052899617384	200/250/300/350	25…54	5…19	210 X 30 X 21
IT FIT 40/220…240/350 CS D L (NEW)	4052899617391	200/250/300/350	40…120	8…42	210 X 30 X 21
IT FIT 60/220…240/350 CS D L (NEW)	4052899617407	200/250/300/350	90…175	18…61	210 X 30 X 21
IT FIT 75/220…240/550 CS D L (NEW)	4052899617414	350/400/500/550	90…216	32…75	210 X 30 X 21
FIGHTER PRO-SELV					
FIGHTER PRO LD 30/220-240/750 CS L (NEW)	4062172167314	600/650/700/750	25 - 43	14.4 - 30	148 X 30 X 22
FIGHTER PRO LD 40/220-240/1A0 CS L (NEW)	4062172167338	850/900/950/1000	25 - 40	20 - 40	148 X 30 X 22
ELEMENT Non-SELV					
ELEMENT 18/220-240/350 D CS L VS20	4052899553071	200 / 250 / 300 / 350	25 - 54	5 - 18.9	210 X 30 X 21
ELEMENT 40/220-240/350 D CS L VS20	4052899553095	200 / 250 / 300 / 350	55 - 120	11 - 42	210 X 30 X 21
DALI Dimmable - Programmable					
OTi DALI 80/220-240/2A1 LT2 L	4052899028050	1000-2100	27-54	32-80	360 X 30 X 21
OTi DALI 80/220-240/1A6 LT2 L	4052899028074	600-1600	27-54	32-80	360 X 30 X 21
OTi DALI 50/220-240/1A4 LT2 L	4052899028098	600-1400	27-54	20-54	360 X 30 X 21
OTi DALI 35/220-240 / 700 LT2 L G2	4052899551763	200 - 700	27-54	04-37	360 X 30 X 21
DALI Dimmable - NFC Programmable					
OTi DALI 25/220-240/700 NFC L COMING SOON	4062172074940	180…700	15…54	2…28	280 X 30 X 21
OTi DALI 35/220-240/1A0 NFC L COMING SOON	4062172074964	350…1050	15…54	4…37	280 X 30 X 21
OTi DALI 50/220-240/1A4 NFC L COMING SOON	4062172074988	600…1400	15…54	12…54	280 X 30 X 21

Product	EAN	Iout (mA)	Vout	Pout (W)	LxWxH (mm)
DALI Dimmable - Programmable (Non-SELV)					
OTi DALI 90/220-240/1A0 LT2 L (NON-SELV)	4052899494268	250-1000	54-240	13.5-90	280 X 30 X 21
OTI DALI 25/220-240/300 D NFCFL VS20 (NEW)	4062172020749	35 - 300	54-240	35	280 X 30 X 16
OTI DALI 35/220-240/400 D NFCFL VS20 (NEW)	4062172020763	75 - 400	54-240	75	280 X 30 X 16
OTI DALI 75/220-240/500 D NFCFL VS20 (NEW)	4062172020787	120 - 500	54-240	120	280 X 30 X 16
DALI Dexal- Programmable (NON-SELV)					
OTi DX 100/220-240/700 D NFC IND L	4062172050883	200…700	60…300	23...100	360 X 30 X 21
OTi DX 150/220-240/850 D NFC IND L	4062172050920	250…850	60…300	43...150	425 X 30 X 21
OTi DX 75/220-240/600 D NFC L	4052899590403	125 - 600	54 - 240	75	360 X 30 X 21
OTi DX 35/220-240/400 D NFC L	4052899590380	75 - 400	54 - 240	35	360 X 30 X 21
DALI Dimmable ultra Flat - Programmable					
OTI DALI 35/220-240/400D LT2UFL UNV1	4052899957022	75 - 400	54-240	4 - 38	360 X 30 X 11
OTI DALI 75/220-240/700D LT2UFL UNV1	4052899957046	150 - 700	54-240	9.5 - 75	360 X 30 X 11
DALI Dimmable - Industrial Application					
OTIDALI100/220-240/700D NFC INDL VS20	4052899559516	125- 700	64-300	28 - 100	360 X 30 X 21
OTIDALI150/220-240/1A0D NFCINDL VS 20	4052899559530	250-1000	64-300	43 - 150	361 X 30 X 21
DALI TW Dimmable - Programmable (SELV)					
OTi DALI 35/220…240/700 NFC TW L (NEW)	4062172092968	200…700	15…54	4…38	360 X 30 X 21
OTi DALI 75/220…240/1A4 NFC TW L (NEW)	4062172092982	400…1400	15…54	8…75	360 X 30 X 21
DALI TW Dimmable - Programmable (NON-SELV)					
OTI DALI 75/220-240/700 D NFC TW L	4052899990326	125 - 700	54 - 240	8.1 - 75	360 X 30 X 21
OTI DALI 35/220-240/400 D NFC TW L	4052899990302	75 - 400	45 - 240	4 - 38W	361 X 30 X 21
DALI Dimmable (ECO - version) - Programmable (SELV)					
ETi DALI 25/220…240/500 LT2 L (NEW)	4062172126212	100…500	20…51	3…25	280 X 30 X 21
ETi DALI 35/220…240/700 LT2 L (NEW)	4062172126236	350…700	20…51	4…35	280 X 30 X 21
ETi DALI 75/220…240/1A4 LT2 L (NEW)	4062172126250	600…1400	20…51	7…75	280 X 30 X 21
DALI Dimmable (ECO - version) - Programmable (NON-SELV)					
ETi DALI 25/220-240/300 D LT2 L	4062172053280	35…300	54 - 240	3…25	280 X 30 X 21
ETi DALI 35/220-240/400 D LT2 L	4062172053303	75 - 400	54 - 240	4…35	280 X 30 X 21
ETi DALI 75/220-240/500 D LT2 L	4062172053327	125 …500	54 - 240	8…75	280 X 30 X 21

CONSTANT CURRENT OUTDOOR DRIVERS

Product	EAN	Iout (mA)	Vout	Pout (W)	LxWxH (mm)
IN - On/ Off (IP65)					
OT 65/240/2A0 P5 VS20 IN	4052899530898	2000	27 - 33	65	167 X 60 X 37.5
OT 105/2402A3 P5 VS10 IN	4052899530911	2300	40 - 46	105	209 X 60 X 37.50
OT 135/240/2A9 P5 VS10 IN	4052899530935	2900	40 - 46	135	209 X 60 X 37.50
OT 185/240/4A0 P5 VS10 IN	4052899530959	4000	40 - 46	185	251 X 60 X 37.50
OT 45/240/1A1 E P5 VS20 IN	4062172076128	1150		45	107.5 X 68 X 33
OT 65/240/1A5 E P5 VS20 IN	4062172076142	1550	30 -42	65	130 X 60 X 37.5
On / Off (IP65) NON-SELV					
OT 55/240/700 P5 VS20 IN	4062172006569	700	42 -80	30 -55	107.5 X 68 X 33
OT 200/240/700 P5 IN VS10 (NEW)	4062172150415	700	215 - 286	150 - 200	251 X 60 X 37.50
OT 150/240/700 P5 IN VS10 (NEW)	4062172150392	700	150 - 215	105 - 150	209 X 60 X 37.50
OT 75/240/700 P5 IN VS20 (NEW)	4062172200912	700	77 - 108	52.5 - 75	167 X 60 X 37.5
OT 100/240/700 P5 IN VS20 (NEW)	4062172150378	700	115 - 144	80.5 -100	167 X 60 X 37.5
1/2DIM / 0 - 10 V / AstroDIM (IP64/IP65)					
OT 200/240/700 DIM P5 IN VS10 (NEW)	4062172093897	700	215 - 286	150 - 200	251 X 60 X 37.50
OT 150/240/700 DIM P5 IN VS10 (NEW)	4062172093873	700	150 - 215	105 - 150	209 X 60 X 37.50
OT 75/240/700 DIM P5 IN VS20 (NEW)	4062172093835	700	77 - 108	52.5 - 75	167 X 60 X 37.5
OT 100/240/700 DIM P5 IN VS20 (NEW)	4062172093859	700	115 - 144	80.5 -100	167 X 60 X 37.5
OT 100/220-240/1A4 1DIMA P7 IN VS10	4062172040549	400 - 1400	72 - 144	50 - 100	172.6 X 68.5 X 38.6
OT 150/220-240/1A4 1DIMA P7 IN VS10	4062172040563	400 - 1400	107 - 214	75 - 150	212.6 X 68.5 X 38.6
OT 200/220-240/1A4 1DIMA P7 IN VS10	4062172040587	400 - 1400	121- 286	100 - 200	227.6 X 68.5 X 38.6
OT 60/220-240/1A4 1DIMA P7 IN VS20	4062172040525	400 - 1400	43 - 86	30 - 60	138 X 82.4 X38
4 DIM Series - 4DIM / DALI / StepDIM / AstroDIM / MainsDIM (IP20)					
OT 20/170…240/1A0 4DIMLT2 G2 CE	4052899981928	200-1050	10 - 38	2…22	123 X 79 X 33
OT 40/170…240/1A0 4DIMLT2 G2 CE	4052899981935	200-1050	15-56	3…40	123 X 79 X 33
OT 75/170…240/1A0 4DIMLT2 G2 CE	4052899981942	200-1050	35-115	7…75	133 X 77 X 40
OT 110/170…240/1A0 4DIMLT2 G2 CE	4052899981959	200-1050	80-220	16…110	150 X 90 X 40
OT 165/170…240/1A0 4DIMLT2 G2 CE	4062172053952	200-1050	130 -260	26…165	170 X 100 X 40
DEXAL Series - D4i, STEP DIM					
OT DX 40/220-240/1A0 DIMA LT2 E	4052899999664	200-1050	15-56	40	133 X 77 X 40
OT DX 75/220-240/1A0 DIMA LT2 E	4052899999671	200-1050	35-115	60	150 X 90 X 40
OT DX 110/220-240/1A0 DIMA LT2 E	4052899999688	200-1050	75-220	110	170 X 100 X 40
OT DX 165/220-240/1A0 DIMA LT2 E	4052899999695	200-1050	130 -260	165	170 X 100 X 40

Surge protector Device (SPD)

Product	EAN	IP	KV	KA	LxWxH (mm)
SPD 20KV/10KA IN VS100	4062172065597	Potted	20	10	86 X 36 X 21
SPD 10KV/ 5 KA IN VS100	4062172141192	Potted	10	5	59 X 36 X 21

CONSTANT VOLTAGE DRIVERS

Product	EAN	Iout (mA)	Vout	Pout (W)	LXWXH (MM)
24 V - Non Dimmable					
OTZ 24/220-240/24 IN	4052899166059	IP20	24	10-24	130 X 41 X 31
OTZ 50/220-240/24 IN	4052899182066	IP20	24	20- 50	190 X 46 X 32
OTE 120/220-240/24 E	4008321645715	IP64	24	12-120	258 X 51.2 X 44.5
OT 40/220-240/24 P 20X1	4062172038270	IP67	24	40	208 X43X 26
OT 60/220-240/24 P 20X1	4062172038294	IP67	24	60	208 X 43 X 26
OT 100/220-240/24 P 10X1	4062172038317	IP67	24	100	240 X 50 X 34
OT 130/220-240/24 P 10X1	4062172038331	IP67	24	130	220 X 63 X 37
OT 250/220-240/24 P 10X1	4062172038355	IP67	24	250	265 X 68 X 40

CONSTANT VOLTAGE DRIVERS

Product	EAN	Iout (mA)	Vout	Pout (W)	LXWXH (MM)
OT FIT 80/220-240/24 P (NEW)	4062172113045	IP67	24	80	202 X 53 X 22
OT FIT 150/220-240/24 P (NEW)	4062172113069	IP67	24	150	202 X 53 X 22
OT FIT 200/220-240/24 P (NEW)	4062172113083	IP67	24	200	266 X 83 X 39.5
OT FIT 300/220-240/24 P (NEW)	4062172113106	IP67	24	300	266 X 83 X 39.5

24 V - Analog (1-10V) Dimmable

Product	EAN	Iout (mA)	Vout	Pout (W)	LXWXH (MM)
OT 60/220-240/24 DIM P 20X1	4062172038379	IP67	24	60	208 X 43 X 26
OT 100/220-240/24 DIM P 10X1	4062172038393	IP67	24	100	240 X 50 X 34
OT 130/220-240/24 DIM P 10X1	4062172038416	IP67	24	130	220 X 63 X 37
OT 250/220-240/24 DIM P 10X1	4062172038430	IP67	24	250	265 X 68 X 40

24 V - DALI Dimmable

Product	EAN	Iout (mA)	Vout	Pout (W)	LXWXH (MM)
OTi DALI 50/220-240/24 1-4 CH DIM	4052899452916	IP20	24	0-50	346X 32X22
OTI DALI 80/220-240/24 1-4 CH	4052899452893	IP20	24	0-80	345 X 32 X 22 MM
OTI DALI 50/220-240/24 TW	4052899490772	IP20	24	0-50	346 X 32 X 22 MM
OTI DALI 80/220-240/24 TW	4052899490758	IP20	24	0-80	347 X 32 X 22 MM
OTI DALI 160/220-240/24 TW UNV1	4052899986312	IP20	24	0-160	300 X 50 X 35 MM
OTI DALI 160/220-240/24 1-2 CH UNV1	4052899986305	IP20	24	0- 160	300 X 50 X 35 MM
OTi DALI 50/220-240/24 4CH DT6/8 (NEW)	4062172177900	IP20	24	0-50	346x32x22
OTi DALI 80/220-240/24 4CH DT6/8 (NEW)	4062172177924	IP20	24	0-80	346x32x22
OTi DALI 160/220-240/24 2CH DT6/8 (NEW)	4062172177948	IP20	24	0-160	300x50x35
OTi DALI 50/220-240/24 1CH (NEW)	4062172177962	IP20	24	0-50	36x32x22
OTi DALI 80/220-240/24 1CH (NEW)	4062172177986	IP20	24	0-80	36x32x22
OTi DALI 160/220-240/24 1CH (NEW)	4062172178006	IP20	24	0-160	300x50x35

24 V - DALI Dimmable (Protected)

Product	EAN	Iout (mA)	Vout	Pout (W)	LXWXH (MM)
OTi DALI 100/220-240/24 1-4 CH COMING SOON	4052899452916	IP67	24	0-100	237 X 69 X 37 MM
OTi DALI 210/220-240/24 1-4 CH COMING SOON	4052899452893	IP67	24	0-210	330 X 69 X 37 MM

24 V - BLE Dimmable

Product	EAN	Iout (mA)	Vout	Pout (W)	LXWXH (MM)
OTi BLE 80/220-240/24 1-4CH	4062172046558	IP20	24	0 - 80	346 X 32 X 22 MM

12 V - Non Dimmable

Product	EAN	Iout (mA)	Vout	Pout (W)	LXWXH (MM)
OTZ 24/220-240/12 IN	4052899100879	IP20	12	24	130 X 41 X 31
OTZ 50/220-240/12 IN	4052899185531	IP20	12	50	190 X 46 X 32
OTZ 75/220-240/12 IN	4052899268166	IP20	12	75	250 X 47 X 41.5
OT 30/220-240/12 P	4052899905542	IP66	12	30	220 X 40 X 22
OT FIT 150/220-240/12 P IN VS15	4062172133524	IP67	12	150	202 X 53 X 22
OT FIT 300/220-240/12 P IN VS10	4062172133562	IP67	12	300	266 X 83 X 39.5
OT FIT 60/220-240/12 P IN	4062172133784	IP67	12	60	163 X 72 X 43.5

DIMMER INTERFACE

Product	EAN	Iout (mA)	Vout	Pout (W)	LXWXH (MM)
OTi DALI DIM	4008321061195	IP20	12/24	60/120	172 X 42 X 20
OT DMX RGB DIM	4008321160829	IP20	12/24	72/120	172 X 42 X 20
OT DIM	4050300943459	IP20	12/24	60/120	172 X 42 X 20
OT BLE DIM 12-24 VS20	4052899557833	IP20	12/24	120/240	172 X 42 X 20
OT DALI DIM 1-4CH D (NEW)	4062172166010	IP20	12/48	120/240	181x42x20

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