



# Flexibility in full color.

Professional lighting solutions with LEDs from OSRAM.

SEE THE WORLD IN A NEW LIGHT



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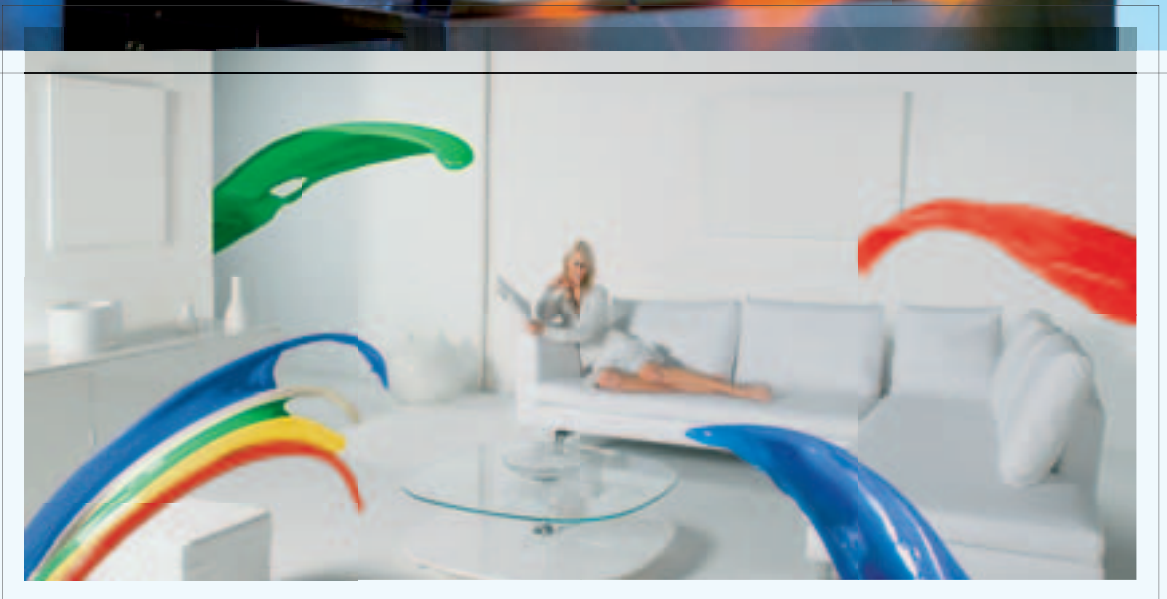
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## Tap into new potential.

LEDs combine high performance, efficiency and durability. They are tiny, measuring just a few millimeters across, but they have already had huge success in many areas of general and effect lighting. As high-tech problem-solvers and particularly versatile alternatives to conventional light sources, they open up possibilities that have never existed before, creating a fascinating atmosphere wherever they are used. Their appearance is not deceptive: LEDs are characterized by excellent color saturation, impressive brightness and directional light. They are shock and vibration-proof and offer great economic benefits because they consume very little power, last a very long time and rarely require maintenance. With its many years of experience in the semiconductor market, OSRAM has the know-how needed for manufacturing complete LED systems. Our OPTOTRONIC® electronic control gear and controllers and our optional accessories are tailor-made to work in complete harmony with the LED modules.



DECOSPOT® LED



PARATHOM® Classic



DULED®

DRAGONSTAR® 500

## A change for the better.

Changing over from conventional incandescent lamps and halogen lamps to energy-saving high-power LED lamps has never been so easy. LED lamps can be fitted in standard holders – just replace and enjoy the benefits. Our latest DULED® and PARATHOM® families of LED lamps have even more to offer. DULED® is the perfect 2in1 combination of energy-saving lamp and innovative LED technology, while PARATHOM® is the simple way to create a big impression.

## The right outfit for any occasion.

Rooms like to be elegantly dressed. With our high-power DECOSPOT® LED, DRAGONSTAR® 500, DULED® and PARATHOM® CLASSIC LED lamps, we can create the right moods for any situation: with colored light and white light, practical and decorative, and all with low power requirements.



### DECOSPOT® LED

The DECOSPOT® LED lamp provides color for individual lighting design. In the usual high quality and attractive styling, it will freshen up any home or office. Thanks to its particularly low energy consumption, it is perfect for constant economical lighting. DECOSPOT® LED color-changing can be used to create unusual effects with automatic color chases.

- Lamps fit in all standard E14 or GU10 fixtures
- Highly efficient generation of light with monochromatic, unfiltered light
- Effect lighting in white, red, green and blue for shop windows, display cabinets, decorations and walls
- Enhanced safety thanks to double insulation
- Long life
- No additional equipment required (230 V)
- Not suitable for use with dimmers

### DRAGONSTAR® 500

In the home or in public rooms, the DRAGONSTAR® 500 retrofit lamp provides decorative light of high intensity and in bold colors. It has a lower power consumption and much longer life than halogen lamps.

- Suitable for conventional GU5.3 fixtures
- High output thanks to narrow beam angle and high-power Golden DRAGON® LED
- Individual room lighting with brilliant pure light in warm white, green, blue, orange and red
- Low power consumption
- Long life
- Operation with electronic control gear OPTOTRONIC® (OT 12 or OT 50) or conventional control gear
- Not suitable for use with dimmers





## DULED®, DULED® GLOBE and DULED® RGB GLOBE

An incomparable combination of energy-saving lamp and LED technology. At the touch of a button, general lighting is turned into mood or orientation lighting: in corridors, walkways, children's rooms or bathrooms, in single-lamp or multi-lamp luminaires. And with their stunning good looks, DULED® GLOBE lamps need not be hidden away from view. They are therefore highly suitable for use in luminaires in which the lamp is visible.

- One lamp with two functions: energy-saving lamp for general lighting and LED as night or effect light
- Simple switching between energy-saving mode (8W/12W, warm white) and LED mode
- Suitable for all conventional E27 fixtures
- Average service life 6,000 hours
- Not suitable for use with dimmers



## PARATHOM® CLASSIC and GLOBE

The eco-friendly successor to the incandescent light bulb is a treat for the eyes with its cool retro design. The PARATHOM® family of lamps is characterized by its impressive stamina, its ability to create a warm, friendly atmosphere and the simple way in which it can be used to change the mood of a room. An experience in light with pure intensive colors that creates a feel-good mood indoors as well as outdoors, for example in beer gardens, beer tents, restaurants, amusement parks and patios.

- Professional LED lamp for line voltage with the popular E14 and E27 bases
- Very low energy consumption (approx. 0.5 to 3W)
- Very long life (up to 25,000 hours)
- Equipped with approved OSRAM LEDs (Advanced Power TOPLED® and 6-lead MULTILED®)
- Low thermal output
- Shock and vibration-proof thanks to LED technology and plastic housing
- Synchronized color-changing version with extremely smooth color transitions (two-minute cycle)
- Not suitable for use with dimmers

## TECHNICAL DATA

| Product reference                      | Voltage  | Dimensions (Ø/H)           | Wattage (available colors)                                  |
|--|----------|----------------------------|---|
| <b>LED lamps</b>                       |          |                            |   |
| DECOSPOT LED PAR 16 E14                | 230V     | Ø 50.7 mm x H 77 mm        | 0.6–0.7 W (cc); 0.8 W (white/green/blue); 0.7 W (red)       |
| DECOSPOT LED PAR 16 GU10               | 230V     | Ø 50.7 mm x H 57 mm        | 0.6–0.7 W (cc); 0.8 W (white/green/blue); 0.7 W (red)       |
| DRAGONSTAR 500 GU5.3                   | 12V      | Ø 50 mm x H 54 mm          | 2.8 W (white/green/blue); 1.5 W (red/orange)                |
| DULED E27                              | 220–240V | Ø 42–60 mm x H 117–151 mm  | 8/0.3W; 12/0.3W; 15/0.3W; 21/0.3W (ww)                      |
| DULED GLOBE and DULED RGB GLOBE, E27   | 220–240V | Ø 95/110 mm x H 151/161 mm | 12W; 21W (ww)   |
| PARATHOM CLASSIC A, A shape            | 100–240V | Ø 55 mm x H 109 mm         | 2.3W (cw/ww); 0.5W (cc); 1.2W (blue/green); 1W (red/yellow) |
| PARATHOM CLASSIC P, P shape/round bulb | 100–240V | Ø 45 mm x H 90 mm          | 1.6W (cw/ww); 0.5W (cc); 1.2W (blue/green); 1W (red/yellow) |
| PARATHOM CLASSIC B, B shape/candle     | 100–240V | Ø 35 mm x H 104 mm         | 1.6W (cw/ww); 0.5W (cc); 1.2W (blue/green); 1W (red/yellow) |
| PARATHOM GLOBE, G shape, G95           | 100–240V | Ø 95 mm x H 142 mm         | 3W (cw/ww); 1W (cc); 1.6W (blue/green); 1.3W (red/yellow)   |

LED LUMINAIRES



HYDROSTAR™

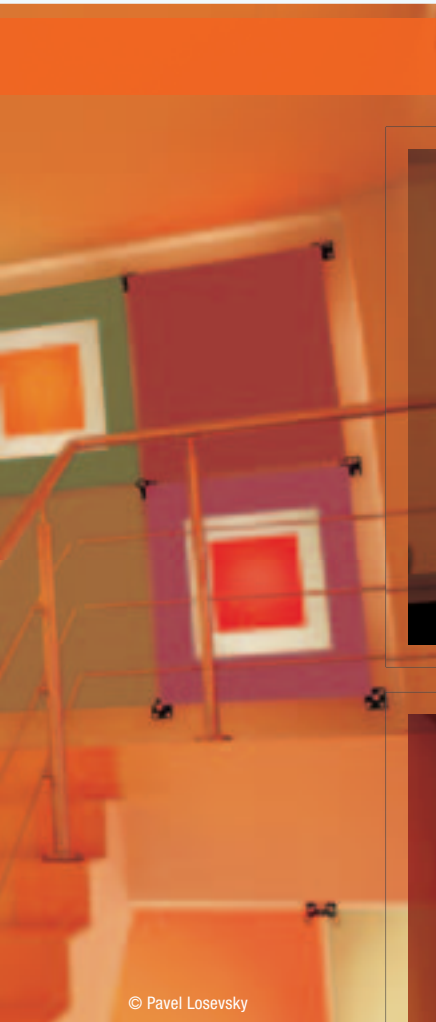


DOT-it®



HIGH POWER FLOOD





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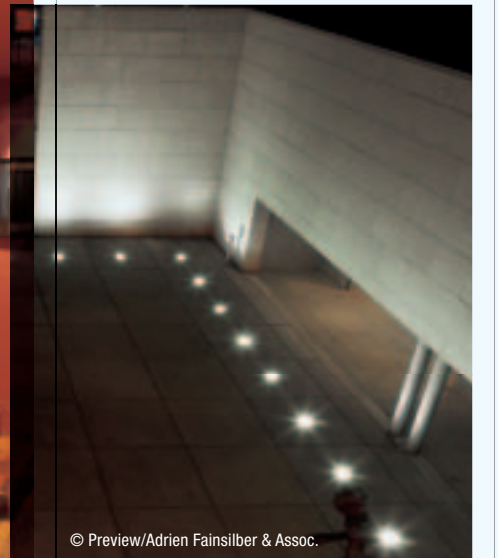
*COLOR-e-MOTION® Panel*



*LED TABLE STAR*

*EKINOS® OSTAR®*

*ELLIPSE OSTAR® ORIENT*



© Preview/Adrien Fainsilber & Assoc.

*NAUTILUS®  
MIDI OSTAR®*

## Creating the right atmosphere.

In developing our LED luminaires, we pay equal attention to functionality, aesthetics and brightness. This is how we can turn creative lighting concepts into impressive reality, flooding light into every corner of a room and presenting objects in the right light – for example with spectacular spotlighting and floodlighting of façades, exciting floor and ceiling lighting and atmospheric mood lighting.

# Light follows emotion.

Even though we may not always be aware of its effect, light influences our feelings often in a decisive way. Depending on its brightness and color, light can improve our attention span, our drive or simply our good humor. Our new ready-to-install COLOR-e-MOTION® LED luminaires can help create more or less any mood. With their dynamic multicolored LED light and versatile controllers, they open up some fascinating possibilities.



## COLOR-e-MOTION® Tube

The COLOR-e-MOTION® Tube wall washer makes entire walls radiate and is capable of evoking a wide range of emotions in places such as hotels, restaurants and bars. Equipped with an RGB, EASY or DMX controller, it can display almost any color. COLOR-e-MOTION® Tube is easy to install either indoors or outdoors and features variable directional lighting.

- Anodized aluminum housing in 3 lengths: 600, 900 and 1,200 mm
- With Golden DRAGON® RGB high-flux LED
- Asymmetrical lens: 10° x 40°, ideal for wall washing
- Directly integrated 220–240V power supply (OT 75/220-240/24)
- Available in 3 versions: WMU, EASY and DMX

### COLOR-e-MOTION® Tube RGB.

- Control via Wallmount Unit (WMU) and IR remote control
- Irrespective of the length, up to 50 COLOR-e-MOTION® Tube RGB units can be synchronized up to an overall length of around 60m
- Compatible with COLOR-e-MOTION® Flex, Carre and Panel

### COLOR-e-MOTION® Tube EASY.

- Control via EASY Color Control
- Irrespective of the length and color, up to 16 COLOR-e-MOTION® Tube EASY units can be synchronized
- Compatible with all EASY luminaires

### COLOR-e-MOTION® Tube DMX.

- Control via DMX console
- Up to 170 COLOR-e-MOTION® Tube DMX units can be controlled via a DMX console
- Additional DMX controller (OT DMX)
- Compatible with the DMX protocol (Digital MultipleXing)



## COLOR-e-MOTION® Panel

These innovative LED panels provide atmospheric, aesthetic light and also act as a decorative eye-catcher. They can be combined via simple plug-&-play connection but also look good on their own. Thanks to the numerous mounting options of the COLOR-e-MOTION® Panel, there are no limitations on their use for lighting and decoration projects in conference rooms, hotels, restaurants and exhibition rooms.

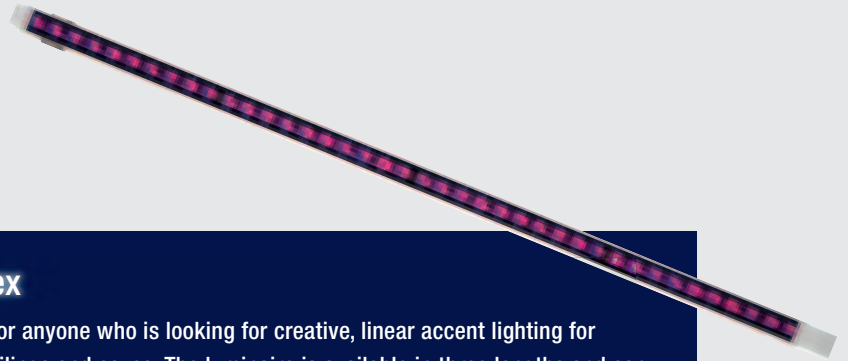
- 60 cm x 60 cm steel frame: white and matt black
- Equipped with LINEARlight Colormix MULTILED®
- Power supply kit for suspended ceilings, horizontal mounting kit (with 4 cables for suspension and electrical connecting cable) and vertical mounting kit (incl. holder with integrated power supply and IR sensor with 2 cables for suspension for up to 3 panels) available as accessories
- Available in RGB and EASY versions

### COLOR-e-MOTION® Panel RGB.

- Control via Wallmount Unit (WMU) and IR remote control
- Up to 50 COLOR-e-MOTION® Panel units can be synchronized (approx. 18 m<sup>2</sup>)
- Compatible with COLOR-e-MOTION® Tube, Flex and Carre
- Directly integrated 220–240 V power supply (OT 75/220-240/24)

### COLOR-e-MOTION® Panel EASY.

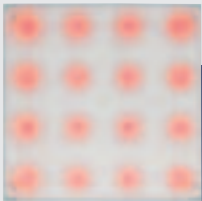
- Control via EASY Color Control
- Required ECG OT EASY 60/220-240/24 RGB+W
- Up to 48 COLOR-e-MOTION® Panel EASY units can be supplied
- IR sensor for installation in suspended ceilings: enables the reception of DALI® EASY RMC remote control signals
- Compatible with all EASY luminaires



### COLOR-e-MOTION® Flex

COLOR-e-MOTION® Flex is ideal for anyone who is looking for creative, linear accent lighting for counters, furniture, staircases, railings and coves. The luminaire is available in three lengths and can be easily combined to form strip lighting. There is also a choice of four colors and an RGB version.

- High-quality polymer housing in three lengths
- Equipped with LINEARlight Flex® red, green, blue, white and RGB
- Supplied by 24V OPTOTRONIC® control gear, e. g. OT 75/24 or OT EASY 60 (not included)
- Variable mounting options thanks to flexible luminaire housing (mounting kit included)
- Control by means of a new advanced Wallmount Unit (WMU) and a corresponding infrared remote control
- Irrespective of the length and color, up to 50 COLOR-e-MOTION® Flex RGB units can be synchronized up to an overall length of around 43 m
- Compatible with COLOR-e-MOTION® Tube, Carre and Panel



### COLOR-e-MOTION® Carre

The LED tile for high-quality lighting architecture. COLOR-e-MOTION® Carre unites decoration and functionality. It is easy to install and transforms restaurants, bars, discotheques and wellness areas into impressive oases of light.

- High-quality polymer housing
- Equipped with 16 RGB LEDs per module
- Control by means of a new advanced Wallmount Unit (WMU) and a corresponding infrared remote control
- Compatible with DMX systems for large installations
- Can be combined with COLOR-e-MOTION® Tube, Flex and Panel
- Up to 3 luminaire groups can be individually controlled with the Wallmount Unit (WMU). Up to 50 elements (approx. 3 m<sup>2</sup>) can be controlled with a WMU; an OT 75/220240/24 can supply up to 9 LED tiles.



### Accessories for COLOR-e-MOTION®

The products are controlled with the aid of a Wallmount Unit (WMU) and an infrared remote control.

- Complete easy-to-operate system
- Based on a DMX-512 bus (RGB+W) designed as a 4-channel system

## TECHNICAL DATA

| Product reference                | Voltage  | Dimensions (W/H) | Wattage/length (L)                        | Available colors |
|----------------------------------|----------|------------------|---|------------------|
| <b>LED luminaires</b>            |          |                  |   |                  |
| COLOR-e-MOTION Tube RGB          | 220–240V | 75 mm x 95 mm    | 22W/630 mm; 28W/930 mm; 34W/1230 mm       | Colormix         |
| COLOR-e-MOTION Tube EASY         | 220–240V | 75 mm x 95 mm    | 22W/630 mm; 28W/930 mm; 34W/1230 mm       | Colormix         |
| COLOR-e-MOTION Tube DMX          | 220–240V | 75 mm x 95 mm    | 22W/665 mm; 28W/965 mm; 34W/1265 mm       | Colormix         |
| COLOR-e-MOTION Flex (white)      | 24V      | 25 mm x 11.5 mm  | 5.3W/451 mm; 6.8W/591 mm; 9.6W/871 mm     | white/5400 K     |
| COLOR-e-MOTION Flex (red)        | 24V      | 25 mm x 11.5 mm  | 4.7W/451 mm; 6.0W/591 mm; 8.8W/871 mm     | red              |
| COLOR-e-MOTION Flex (green)      | 24V      | 25 mm x 11.5 mm  | 4.4W/451 mm; 5.7W/591 mm; 8.4W/871 mm     | green            |
| COLOR-e-MOTION Flex (blue)       | 24V      | 25 mm x 11.5 mm  | 4.4W/451 mm; 5.7W/591 mm; 8.4W/871 mm     | blue             |
| COLOR-e-MOTION Flex (Colormix)   | 24V      | 25 mm x 11.5 mm  | 9.1 W/451 mm; 12.0W/591 mm; 17.7 W/871 mm | Colormix         |
| COLOR-e-MOTION Panel RGB         | 220–240V | 596 mm x 17 mm   | 20W/596 mm                                | Colormix         |
| COLOR-e-MOTION Panel EASY        | 24V      | 596 mm x 17 mm   | 20W/596 mm                                | Colormix         |
| COLOR-e-MOTION Carre             | 24V      | 250 mm x 25.5 mm | 8W/250 mm                                 | Colormix         |
| COLOR-e-MOTION Wallmount Unit    | –        | 100 mm x 40.1 mm | 1.5W/170 mm                               |                  |
| COLOR-e-MOTION IR remote control | –        | W 45 mm          | –/200 mm                                  |                  |
| OT 75/220-240/24                 | 220–240V | 47 mm x 44 mm    | 75W/220 mm                                |                  |
| OT EASY 60/220-240/24 RGB+W      | 24V      | 47 mm x 44 mm    | 60W/220 mm                                |                  |



## HIGH POWER SPOT and FLOOD

The right lighting makes buildings look really attractive at night. HIGH POWER luminaires give buildings a particularly alluring charm – with saturated colors, high functionality and incomparable brightness. Depending on the lighting task at hand, there are different versions available with varying beam angles. HIGH POWER luminaires can be used indoors or outdoors and can be mounted as the situation demands.

- Ideal for dynamic yet gentle illumination of façades and landscapes in an immense range of color tones
- Powder-coated cast-aluminum housing, hard glass (IP68)
- Equipped with 18 (SPOT) or 36 (FLOOD) high-flux Golden DRAGON® 1 W LEDs
- Integrated DMX or IIC control (Integrated Intelligent Cluster System). The operating mode is set with the ID controller.
- Included: 4-core power cable (10m), 6-core signal cable (10m) and operating instructions



## EKINOS® OSTAR®

With its decorative styling, the EKINOS® OSTAR® is the perfect spotlight for indoors. It does not expose the illuminated objects to heat and has a very long life of up to 30,000 hours. EKINOS® OSTAR® combines attractive design with the excellent luminous efficacy of the COINlight-OSTAR® and a high-quality aluminum housing, making it ideal for modern accent lighting in hotels, restaurants, shops, art galleries and museums or simply as decorative lighting for the home.

- Gray-coated aluminum housing
- Equipped with COINlight-OSTAR® 12 W
- EKINOS® E OSTAR® (ceiling installation version) without ECG, with plug, and EKINOS® F OSTAR® (ceiling mounted version) with integrated ECG OT 20/120-240/24 S
- Supplied by 24 V OPTOTRONIC® control gear for 1 spotlight: OT 20/230-240/24 or 6 spotlights: OT 75/220-240/24 (needed for EKINOS® E OSTAR®)



## ELLIPSE OSTAR® ORIENT

ELLIPSE OSTAR® ORIENT is the perfect spotlight for ceiling installation. Thanks to its small dimensions, it is very easy to install. It does not expose the illuminated objects to heat and has a very long life of up to 25,000 hours. With its aluminum housing, the ELLIPSE OSTAR® ORIENT is ideal for indoor use for example as additional lighting in shop windows, shop interiors, reception areas, hotels and restaurants or simply as decorative lighting for the home.

- White-coated aluminum housing
- Steel mounting brackets
- Equipped with COINlight-OSTAR® 12 W
- Light colors: from warm white (730) to cool white (854)
- Supplied by 24 V OPTOTRONIC® control gear for 1 spotlight: OT 20/230-240/24 or 6 spotlights: OT 75/220-240/24 (not included)

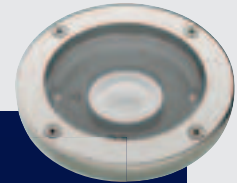
## LED TABLE STAR

LED TABLE STAR is a powerful and innovative table light with high-power LED. Thanks to LED technology, the luminaire has a completely new head design because the small depth of the LED means that the entire unit can be miniaturized.

- Functional design
- Arm made from anodized aluminum
- Uniform illumination
- With low-profile base
- Ready to install with 2 m of transparent power cable and plug
- Equipped with high-power OSTAR® LED

## TECHNICAL DATA

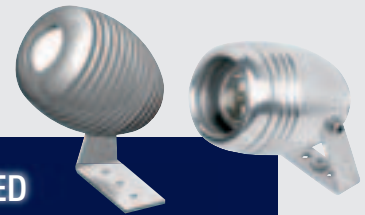
| Product reference        | Voltage  | Dimensions (L/W/H/Ø)           | Wattage | Available colors    |
|--------------------------|----------|--------------------------------|---------|---------------------|
| <b>LED luminaires</b>    |          |                                |         |                     |
| HIGH POWER SPOT 10°/30°  | 24V      | 200 mm x 140 mm x 240 mm       | 30 W    | Colormix            |
| HIGH POWER FLOOD 10°/30° | 24V      | 373 mm x 130 mm x 290 mm       | 55 W    | Colormix            |
| EKINOS E OSTAR 38°       | 24V      | L 280 mm x W 115 mm / Ø 100 mm | 12 W    | white (730/847/854) |
| EKINOS F OSTAR 38°       | 230-240V | L 330 mm x W 115 mm / Ø 100 mm | 15 W    | white (730/847/854) |
| ELLIPSE OSTAR ORIENT 38° | 24V      | L 60 mm / Ø 83 mm              | 12 W    | white (730/847/854) |
| LED TABLE STAR           | 230V     | 580 mm x 95 mm x 390 mm        | 8 W     | white               |
| OT 75/220-240/24         | 24V      | 220 mm x 47 mm x 44 mm         | 75 W    |                     |
| OT 20/230-240/24         | 24V      | 109 mm x 50 mm x 35 mm         | 20 W    |                     |



### NAUTILUS® MIDI OSTAR®

The NAUTILUS® series includes some of the most innovative light sources in the OSRAM range. The adjustable, submerged spotlights create impressive lighting effects and produce efficient, glare-free light for public areas and walkways. Ideal as highlights for façades, shops, hotels and museums.

- Anodized aluminum housing (IP67)
- Toughened frosted glass
- Equipped with high-power COINlight-OSTAR® 12W LED module
- With integrated 24V control gear



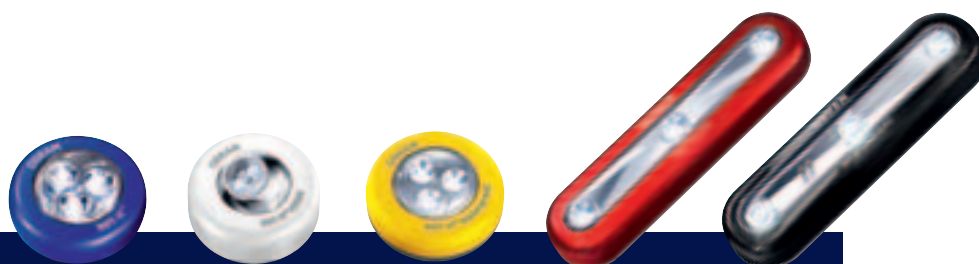
### HYDROSTAR™ MINI OSTAR®\* and MICRO 3 and 1 LED

The compact, outdoor-fit HYDROSTAR™ luminaires put architecture in the right light. They provide discreet accent lighting that is also extremely energy-efficient and reliable. While HYDROSTAR™ MINI OSTAR® offers precise spotlighting, the HYDROSTAR™ MICRO 3 and 1 LED can be used for example for wide-area highlighting of façades and information signs.

- Anodized aluminum housing and toughened glass
- Watertight according to IP67
- HYDROSTAR™ MINI OSTAR® is equipped with high-power OSTAR® LED
- Controlled with 700 mA OPTOTRONIC® control gear OT 35/220-240/700 or OT 18/200-240/700 DIM
- HYDROSTAR™ MICRO 3 and 1 LED is equipped with one or three high-flux OSRAM Golden DRAGON LEDs
- Controlled with 350 mA OPTOTRONIC® control gear OT 3/100-240/350 E or OT 9/200-240/350 E

\* In preparation





## DOT-it®

The ingenious everywhere light. The round classic has now been joined by a linear version for a wider spread of light. For people who need a little more creative freedom, the VARIO versions with their rotary reflector provide light that can be accurately targeted. The DOT-it® waterproof is ideal for outdoor fun. Thanks to its watertight and rubberized housing, it is protected against all odds and can even float in water.

- Versions: DOT-it® CLASSIC, LINEAR, VARIO, LINEAR VARIO, waterproof
- Each equipped with three super-bright LEDs
- Bayonet lock for simple battery replacement
- Complete with three replaceable 1.5V AAA batteries
- Various fixing options (adhesive strip, magnet, hook-and-loop pad, etc.)
- DOT-it® VARIO with a 360° tilt-and-swivel reflector head for precisely directed light
- DOT-it® LINEAR VARIO with a swivel reflector head and touch sensor for on/off switching
- DOT-it® waterproof with suction cup for use under water. Completely watertight to a depth of 2 m.

### Available housing colors:

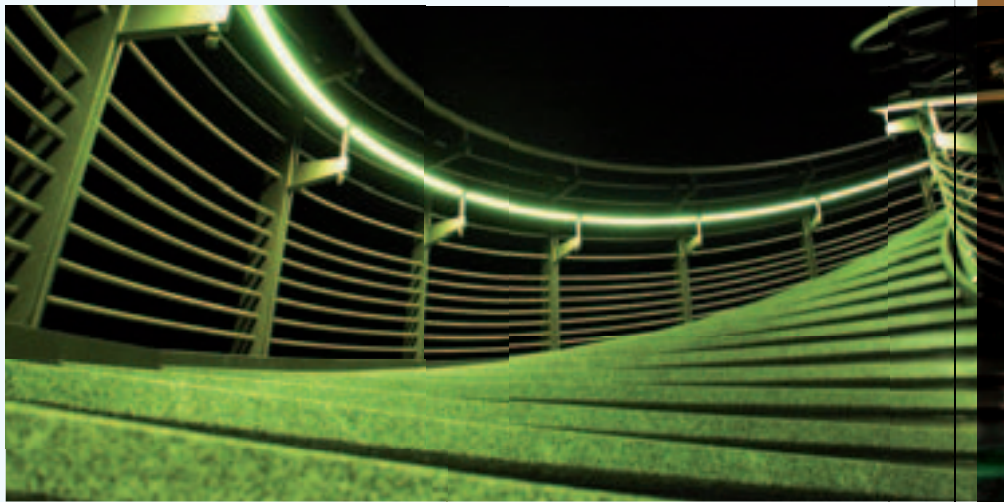
- DOT-it® CLASSIC: platinum, piano black, oxygen blue, diva red, princess pink\*, mint green\*
- DOT-it® LINEAR: platinum, piano black, oxygen blue, diva red, orange, princess pink\*
- DOT-it® VARIO and LINEAR VARIO: platinum, piano black, ice white
- DOT-it® waterproof: amazon green, sunbeam yellow, pepper white, spa blue

DOT-it® VARIO, DOT-it® LINEAR VARIO and DOT-it® waterproof available from June.

\* On request

## TECHNICAL DATA

| Product reference     | Voltage/<br>current | Dimensions<br>(Ø/L/W/H)      | Wattage<br>(available colors)                 |
|-----------------------|---------------------|------------------------------|---|
| <b>LED luminaires</b> |                     |                              |   |
| NAUTILUS MIDI OSTAR   | 230–240V            | Ø 147 mm x H 156 mm          | 12W (white 3000 K/4700 K)                     |
| HYDROSTAR MINI OSTAR  | 700 mA              | L 101 mm x Ø 79 mm x H 65 mm | 12W (white 3000 K/4200 K)                     |
| HYDROSTAR MICRO 3 LED | 350 mA              | L 82 mm x Ø 56 mm x H 52 mm  | 3.6W (white, blue, green); 2.4W (yellow, red) |
| HYDROSTAR MICRO 1 LED | 350 mA              | L 82 mm x Ø 56 mm x H 52 mm  | 1.2W (white, blue, green); 0.8W (yellow, red) |
| DOT-it CLASSIC        | 3 x 1.5V            | Ø 67 mm x H 23 mm            | 0.23W (white)                                 |
| DOT-it LINEAR         | 3 x 1.5V            | L 178 mm x W 45 mm x H 24 mm | 0.23W (white)                                 |
| DOT-it VARIO          | 3 x 1.5V            | Ø 77 mm x H 40 mm            | 0.23W (white)                                 |
| DOT-it LINEAR VARIO   | 3 x 1.5V            | L 178 mm x W 45 mm x H 29 mm | 0.23W (white)                                 |
| DOT-it waterproof     | 3 x 1.5V            | Ø 70 mm x H 24 mm            | 0.23W (white)                                 |
| OT 3/100-240/350 E    | 100–240V            | L 42 mm x W 40 mm x H 21 mm  | 3W  |
| OT 9/200-240/350 E    | 200–240V            | L 80 mm x W 40 mm x H 22 mm  | 8.5W  |
| OT 18/200-240/700 DIM | 200–240V            | L 108 mm x W 53 mm x H 33 mm | 18W   |
| OT 35/220-240/700     | 220–240V            | L 190 mm x W 30 mm x H 21 mm | 35W   |



*LINEARlight Colormix Flex*

*LINEARlight Colormix*



## Lighting design par excellence.

Light can be much more than just illumination. With the right equipment, it can evoke intense emotions. Our LED modules provide the necessary flexibility. In perfect combination with our control gear, controllers and optional accessories, they place no restrictions on creativity. In white, color or color-changing, our LED modules provide the basis for spectacular applications that turn everyday situations into experiences.



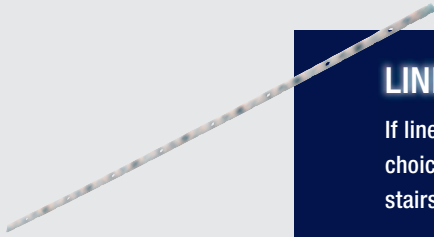
*LINEARlight Flex®*



*LINEARlight Colormix*

# Freedom is there to be used.

Professional lighting design needs a degree of freedom. This is no problem at all with LINEARlight modules. They are versatile enough to adapt to any spatial requirements and are therefore ideal for contour lighting, injecting light into transparent materials, backlighting or for illuminated advertising.



## LINEARlight

If linear structures are to be effectively highlighted, the rigid LINEARlight LED module is the first choice, for example for installation in cabinets and furniture or for marking escape routes and stairs.

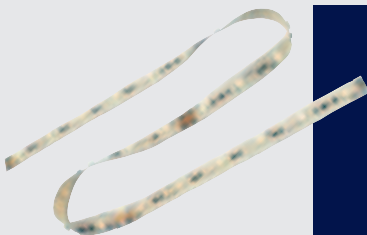
- 45-cm-long rigid module; can be split every 5.6 cm
- Optional CONNECTsystem for simple connection without any tools
- Optional LINEARlight Optics for mounting on the module to provide directional light
- Different colors and white tones available
- Optional optics available
- Optional LINEARlight Track available



## LINEARlight Flex®

Complex structures are no problem for the flexible LINEARlight Flex® LED module. With light emitted either at the top (TOPLED®) or at the side (SIDELED®), it easily adapts to various contours. It is perfect for injecting light into displays and light guides, cabinet lighting, path lighting and backlighting.

- Flexible board with self-adhesive backing
- Versions available that emit light at the top or side (e. g. for “corona” effect)
- Can be split into units of 14 cm each with 10 LEDs (LM10A top emitter) and 5.6 cm each with 4 LEDs (LM11A side emitter)
- Up to 8.4 m of light (4.2 m of light with LM11A) with just one ECG
- Wide beam angle of 120°
- Different colors and white tones available
- Optional CONNECTsystem available for plug-&-play connections
- Optional LINEARlight Track available



## LINEARlight POWER Flex

The name says it all: 100 % power. Our brightest Flex product is ideal for illuminating counters, coves or handrails and also for edge lighting and wall washing applications. Both transparent and diffusing materials can be illuminated or backlit.

- Compact light source with even greater output
- Flexible board with self-adhesive backing available in various white tones
- A complete module that can be operated perfectly with just one ECG
- Overall module length 2.8m with 120 LEDs; can be split into units of 14 cm each with 6 LEDs
- Optional CONNECTsystem available for plug-&-play connections
- Optional LINEARlight Track available

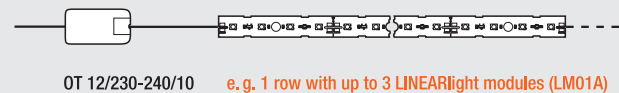


## OPTOTRONIC®

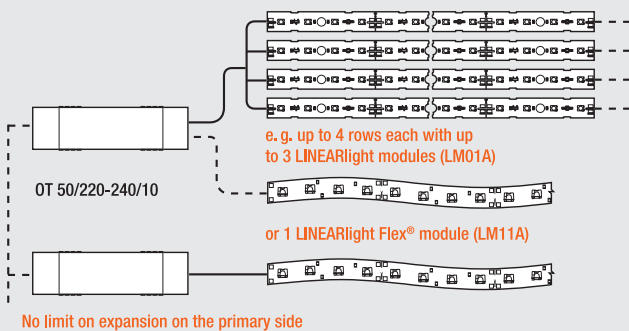
Efficient lighting concepts call for the optimum coordination of all components. OPTOTRONIC® control gear OT 12, OT 50 and OT 75 together with the appropriate LED modules, dimmers and optional accessories form functional systems for particularly economical applications.

- Optimum operation for 10V or 24V LED modules
- Compact, functional design with cable clamp
- Parallel connection of multiple LED modules possible
- Safe operation thanks to electrical isolation between the primary side and the secondary side (SELV equivalent)
- Secondary lines with a length of up to 10m
- Reversible protection mechanisms for short-circuit, overtemperature and overload

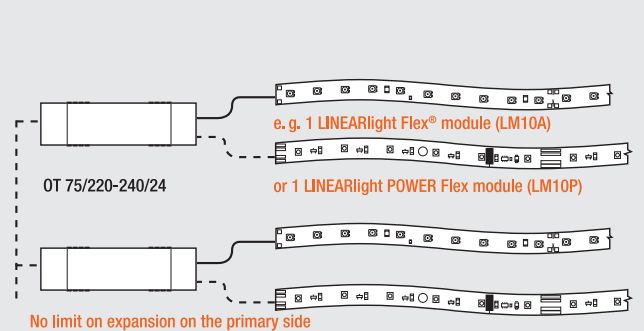
### Small LED systems with OT 12



### Extended LED systems with OT 50



### Extended LED systems with OT 75



## TECHNICAL DATA

| Product reference                                | Voltage | Dimensions (L/W/H) | Wattage (available colors)  | No. of LEDs per module/ ECG   |
|--|---------|--------------------|---|---|
| <b>LINEARlight and OPTOTRONIC®</b>               |         |                    |   |   |
| LM01A LINEARlight                                | 10V     | 448 x 10 x 4 mm    | 4.0W  | 32  |
| LM11A LINEARlight Flex Side emitter              | 10V     | 4200 x 10 x 5 mm   | 30.0W (white W3, green, blue); 22.5W (yellow); 15.0W (red)          | 300   |
| LM10A LINEARlight Flex <sup>1)</sup> Top emitter | 24V     | 8400 x 10 x 3 mm   | 55W (white W2); 86.4W (white W3F); 72.0W (red, yellow, green, blue) | 600   |
| LM10P LINEARlight POWER Flex                     | 24V     | 2800 x 10 x 2.5 mm | 72.0W   | 120   |
| OT 12/230-240/10                                 | 10V     | 109 x 50 x 35 mm   | 12W   | up to 3 modules LM01A   |
| OT 50/220-240/10                                 | 10V     | 220 x 47 x 44 mm   | 50W   | up to 12 or 15 modules <sup>2)</sup> LM01A or up to 2 modules <sup>2)</sup> LM11A |
| OT 75/220-240/24                                 | 24V     | 220 x 47 x 44 mm   | 75W   | up to 1 module LM10A or 1 module LM10P  |

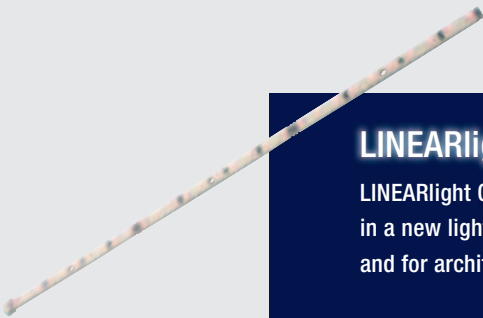
1) Feed must be in the middle

2) Color-dependent

Optional accessories: LINEARlight Optics, CONNECTsystem LM2x (only for LINEARlight modules) and LM2x Flex (for LINEARlight Flex® and LINEARlight POWER Flex), see p.29, LINEARlight Track (not for LM11A), see p.28. For current photometric data as per data sheet and application notes, see [www.osram.com/led-systems](http://www.osram.com/led-systems).

# The future is colorful.

Our Colormix LED modules offer the best properties for dynamic color applications. They are small, they produce brilliant light and they generate very little heat. Thus, high-quality color changing for illuminating buildings, exhibition rooms and retail outlets becomes child's play.

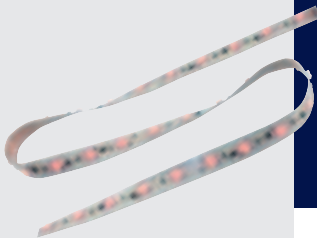


## LINEARlight Colormix

LINEARlight Colormix emphasizes straight lines with expressive color changing. Structures appear in a new light and attract attention. Ideal for injecting light into transparent and diffusing materials and for architectural effect lighting.

- 45-cm-long rigid module; can be split into units of 15 cm
- Each module consists of 30 LEDs each with three colored chips in one package
- Optional CONNECTsystem for simple connection without any tools
- Optional LINEARlight Track available

NEW

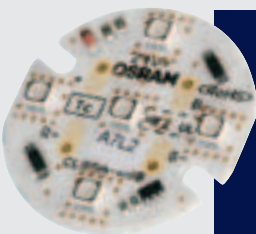


## LINEARlight Colormix Flex

With the flexible LINEARlight Colormix Flex LED module, colored light becomes a three-dimensional design element in complex structures of modern architecture and for integrating transparent and diffusing materials.

- Four-meter-long flexible board with self-adhesive backing
- Each module consists of 200 LEDs each with three colored chips in one package
- Complete module with 200 LEDs; can be split into units of 20 cm each with ten LEDs
- Optional CONNECTsystem available for plug-&-play connections
- Optional LINEARlight Track available

NEW

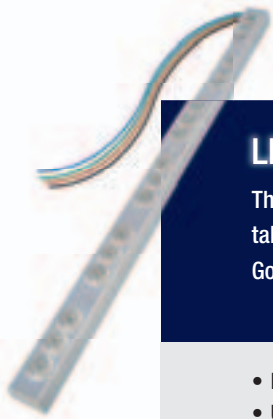


## COINlight® Colormix

The COINlight® Colormix LED module offers spotlighting of the highest order. It has an extremely small height, so it is ideal for use in very low-profile recessed luminaires, e. g. for installation in walls or floors. And for path and marker lighting, one can rely on its breathtaking near and long-distance effect.

- Round LED module with RGB MULTILED® – for homogenous, dynamic color effects
- Extremely compact design
- Self-adhesive backing for rapid installation
- For dynamic color applications, accent lighting in furniture, counters or display cabinets and recessed floor luminaires

NEW



### LINEARlight-DRAGON® Colormix

The LINEARlight-DRAGON® Colormix light strip surrounds objects and surfaces in an unmistakable aura. This versatile RGB platform, consisting of a metal core board with 18 powerful Golden DRAGON® LEDs and a designer heat sink, is ideal for indoor wall-washing effects.

- Plug-&-play connections thanks to the premounted CONNECTsystem LD-4x
- Up to two modules can be connected one after the other
- Dimmable by pulse width modulation (PWM)
- Integrated 14 x 22° optics for wall-washing effects
- Simple installation thanks to mounting holes accessible at the front or mounting brackets LD-MB
- Aluminum housing for ideal heat removal



### DRAGONchain® Colormix

The DRAGONchain® Colormix LED module is perfect for effect and accent lighting. Complete walls can be bathed in spectacular colored light effects.

- Coated for outdoor use (IPX5)
- Simple connection with open cable ends
- Dimmable by pulse width modulation (PWM)
- Fixed mounting with M4 screws
- The center spacing of the boards of 50 cm allows for the uniform backlighting of an area of 1 m<sup>2</sup> with one chain, with a light box depth of min. 20 cm and medium transmissivity of the diffuser
- With a spacing of min. 10 cm between the module and the corresponding diffuser, an area of approximately 0.5 m<sup>2</sup> can be uniformly backlit with one chain
- The integrated heat sink makes applications easier

RGB control with  
OT EASY 60  
(see page 24)

# EASY Color Control. RGB lighting control made easy.

EASY Color Control is simple, functional, flexible and cost-effective. Tailor-made, dynamic RGB lighting solutions can be conveniently programmed with a single controller. Depending on the specific application, the right solution can be put together from several components using a modular approach. In this way, the lighting system can be precisely and automatically adapted to current lighting needs and color changes can be easily accomplished. In combination with the DALI® EASY II control unit, conventional DALI®-controlled ECG or RGB luminaires can be integrated.



## OT EASY 60

The heart of EASY Color Control is the all-in-one product OT EASY 60 which comprises control gear, controller and dimmer. It can be easily connected to other control elements so the full potential of effect lighting applications can be exploited.

- 60W control gear and configurable LED control unit for static and dynamic lighting applications
- Integrated RGB+W sequencer and scene controller
- Lighting scenes can be retrieved as sequences or static scenes
- Configuration via software or IR remote control
- Cable clamp for separate installation



## PC KIT EASY Color Control software

The configuration software for EASY Color Control LMS has a particularly clear, self-explanatory user interface. Programming four different color sequences from as many as 16 individual RGB+W scenes takes no time at all. The hold and cross-fade times for each scene can be set separately and sequences can be built up step by step using structured tabs.

- Software for configuring up to 16 OT EASY 60 or DALI® EASY II units
- Clear graphical user interface for configuring sequences or static lighting scenes with preview function
- With USB adapter cable and detailed manual
- System requirements: Windows 2000/XP/Vista, USB port





## IR receiver and IR remote control

OT EASY 60 can also be connected to an infrared receiver so that scenes and colors can be selected with an IR remote control.

- Infrared receiver for ceiling or luminaire installation for connecting to OT EASY 60 or DALI® EASY II control units
- IR remote control for configuring and operating OT EASY 60 and DALI® EASY II
- Self-explanatory arrangement of controls for sequencing speed and central dimming function, four scenes, start/stop
- Configuration function can be disabled



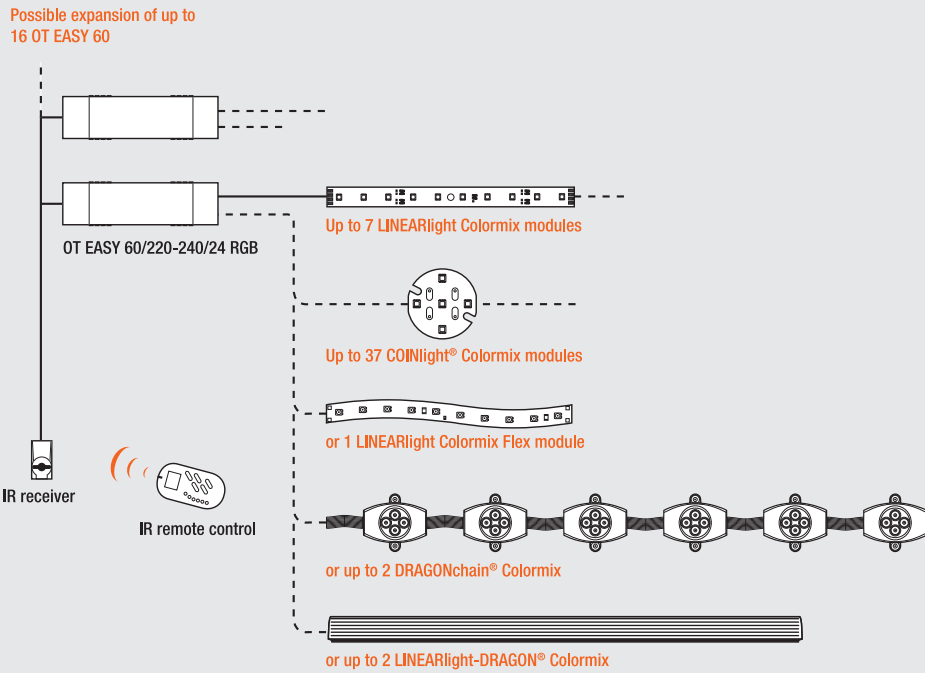
## Pushbutton coupler and Y-connector

A pushbutton coupler enables conventional pushbutton series to be connected for changing scenes, controlling the central switching and fading functions, and selecting any of four configured sequences. Y-connectors can be used to expand the system.

- Pushbutton coupler for connecting to OT EASY 60 or DALI® EASY II
- Start/stop of the sequencer
- Motion sensors or timer switches can be connected
- Y-connector for system expansion with two ready-made RJ10 cables (two meters each): synchronization of multiple OT EASY 60 units and connection of the EASY Color Control elements (IR receiver, USB adapter for PCs and pushbutton coupler)

For further details, go to [www.osram.com/ecg-lms](http://www.osram.com/ecg-lms).

Simple and practical: lighting control with EASY Color Control via IR remote control

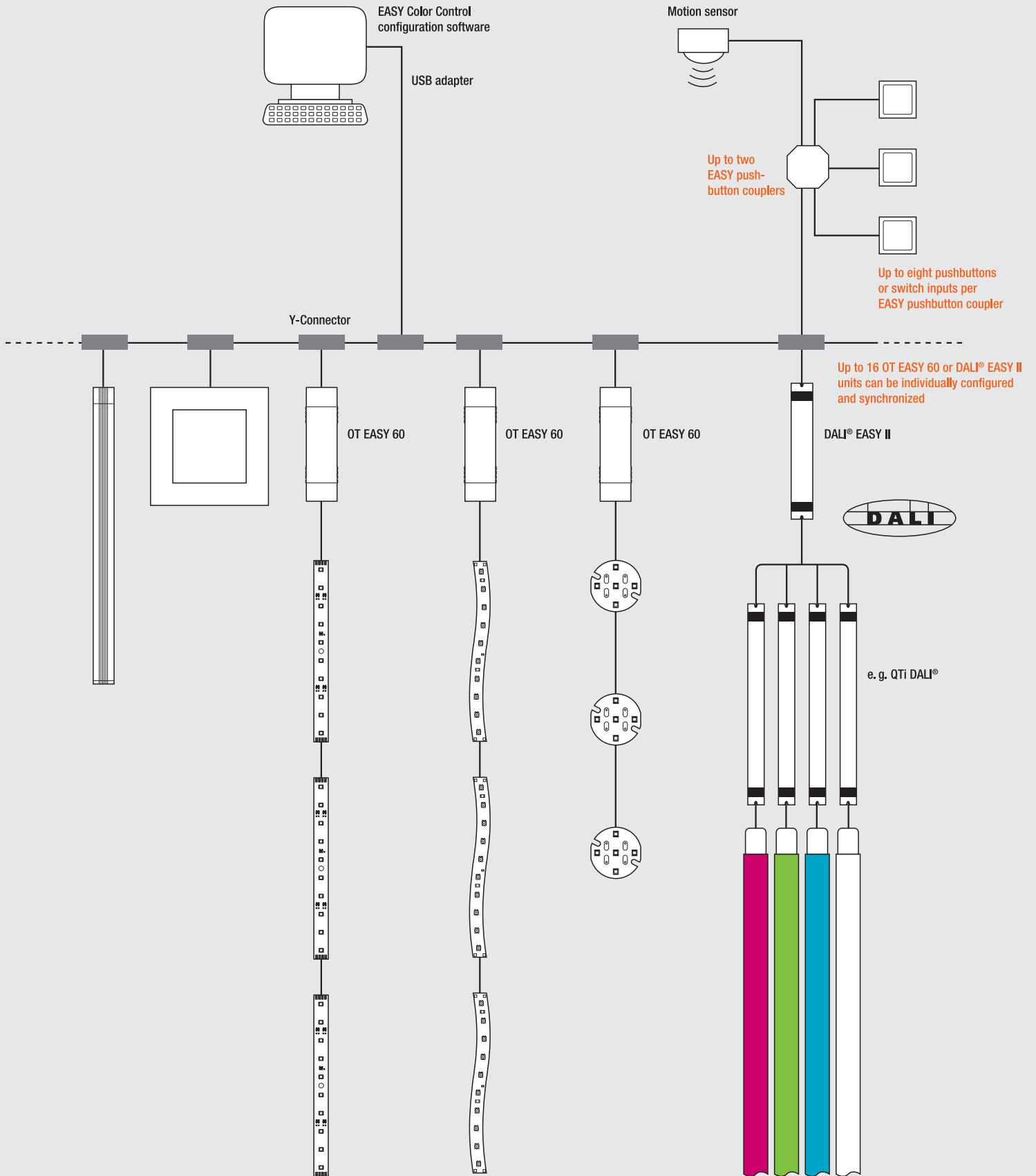


TECHNICAL DATA

| Product reference                           | Voltage | Dimensions (Ø/L/W/H)             | Wattage                                     | No. of LEDs per module/ ECG   |
|---|---------|----------------------------------|---|---|
| <b>Colormix LED modules and OPTOTRONIC®</b> |         |                                  |   |   |
| LM01M LINEARlight Colormix                  | 24 V    | 450 x 11.5 x 3.65 mm             | 8.3 W                                       | 30  |
| LM10L LINEARlight Colormix Flex             | 24 V    | 4000 x 11.5 x 2.2 mm             | 55.2 W (RGB-B7);<br>41 W (RGB2-B7, RGB2-B6) | 200   |
| CL05A COINlight Colormix                    | 24 V    | Ø 33 mm x H 4 mm                 | 1.6 W                                       | 5   |
| LD18A LINEARlight-DRAGON Colormix system    | 24 V    | 607 x 36 x 25.8 mm               | 23 W (Colormix)                             | 18  |
| DC24A DRAGONchain Colormix overall module   | 24 V    | 3000 mm<br>(chain with 6 boards) | 30 W (Colormix)                             | 24  |
| OT EASY 60/220-240/24 RGB                   | 24 V    | 220 x 47 x 44 mm                 | 60 W  | up to 7 modules LM01M, 1 module LM10L, 37 CL05A, 2 modules DC24A or 2 modules LD18A |

Optional accessories: CONNECTsystem LM4x Flex (for LINEARlight Colormix Flex), LM4x (for LINEARlight Colormix), see p. 29, LINEARlight Track, see p. 28. For current photometric data as per datasheet and application notes, see [www.osram.com/led-systems](http://www.osram.com/led-systems).

EASY Color Control – systematic lighting control



LED modules, e. g. COLOR-e-MOTION® Tube, COLOR-e-MOTION® Panel, LINEARlight Colormix, LINEARlight Colormix Flex, COINlight® Colormix, DRAGONchain® or LINEARlight-DRAGON® Colormix

# It could not be easier. Quick installation, perfect connections.

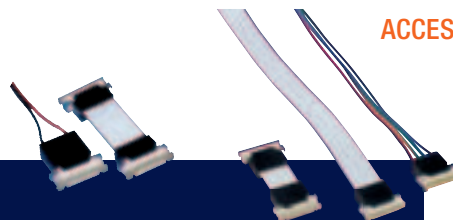
Our optional accessories are impressive enhancements for LED systems comprising LED modules and control gear. They reduce the amount of work and time needed, even under the most difficult conditions. LINEARlight Track, the universal, lightweight aluminum track system, is a stylish complete unit for direct or indirect lighting. Thanks to the CONNECTsystem, rigid and flexible LED modules can be easily connected without the need for soldering. OSRAM also offers extremely effective additional optics.



## LINEARlight Track

The aluminum LINEARlight Track system offers simple and effective installation of rigid and flexible LINEARlight LED modules of variable length.

- Choice of two versions: with prismatic cover for indirect lighting or with diffusing cover for uniform direct lighting
- Tracks available in two different lengths, can be shortened to any length
- Simple installation and variable assembly, either individually or as strip lighting
- Elements are linked by metal pins to form systems of any length
- Optimum cooling of the LED modules for long life and maximum reliability
- PMMA covers to protect the LED modules against dirt
- Complete with mounting brackets and coupling elements
- Not suitable for LM11A



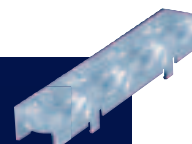
## CONNECTsystem

The CONNECTsystem provides simple connection of LED modules with feeders and cable connectors. Tight spaces, extensive applications and complex structures are no problem at all.

- Simple installation, no tools or soldering required
- Reduced installation time
- Low profile
- Extremely vibration-proof
- Permissible operating temperature perfectly matched to the module
- Can be connected to the front of the module or at the division points
- Shock and vibration-proof according to IEC 60512
- For use only in indoor applications or appropriately IP67-protected luminaires
- Available for LINEARlight Flex®, LINEARlight Colormix Flex, LINEARlight, LINEARlight Colormix, LINEARlight-DRAGON® and LINEARlight-DRAGON® Colormix

## LINEARlight Optics

LINEARlight Optics is an add-on optical element for LINEARlight LED modules that reduces the beam angle from 120° to 20° (white 26°).



- Suitable for all LED colors
- Uniformly illuminated surface
- High efficiency thanks to low transmission losses
- The length of the optics is matched to the smallest module unit at 56 mm

## TECHNICAL DATA

| Product reference        | Dimensions excl. end cap (L/W/H) | Recommended mounting hole spacing for metal brackets |
|--------------------------|----------------------------------|--|
| <b>LINEARlight Track</b> |                                  |  |
| LT-H047-S                | 464 x 35.5 x 37.5 mm             | 232 mm (2 pieces)                                    |
| LT-H143-S                | 1424 x 35.5 x 37.5 mm            | 475 mm (3 pieces)                                    |
| LT-H047-P                | 464 x 35.5 x 26.5 mm             | 232 mm (2 pieces)                                    |
| LT-H143-P                | 1424 x 35.5 x 26.5 mm            | 475 mm (3 pieces)                                    |

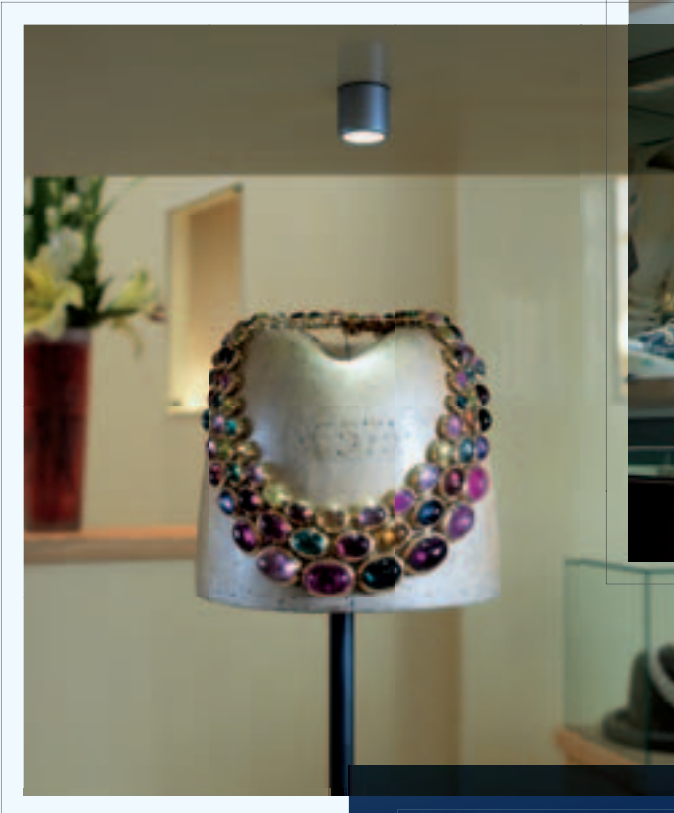
### Number of whole LED modules and smallest units per LINEARlight Track

|                           | LM01A LINEARlight |               | LM10A LINEARlight Flex® |               | LM10P LINEARlight POWER Flex                   |               | LM01M LINEARlight Colormix |               | LM10L LINEARlight Colormix Flex |               |
|---------------------------|-------------------|---------------|-------------------------|---------------|--|---------------|----------------------------|---------------|---------------------------------|---------------|
|                           | Module            | Smallest unit | Module                  | Smallest unit | Module   | Smallest unit | Module                     | Smallest unit | Module                          | Smallest unit |
| <b>Direct lighting:</b>   |                   |               |                         |               |  |               |                            |               |                                 |               |
| LT-H047-S                 | 1                 | 8             | –                       | 3             | Not recommended because of visible light spots |               | 1                          | 3             | –                               | 2             |
| LT-H143-S                 | 3                 | 24            | 1/6                     | 10            |  |               | 3                          | 9             | 0.35                            | 7             |
| <b>Indirect lighting:</b> |                   |               |                         |               |  |               |                            |               |                                 |               |
| LT-H047-P                 | 1                 | 8             | –                       | 3             | –  | 3             | 1                          | 3             | –                               | 2             |
| LT-H143-P                 | 3                 | 24            | 1/6                     | 10            | 0.5  | 10            | 3                          | 9             | 0.35                            | 7             |



LINEARlight-DRAGON®

DRAGONeye®



## Brilliant – even packaged up.

In addition to simple LED modules, OSRAM offers complex complete modules – mini spotlights, light strips and high-power spotlights. Optimum cooling and the use of special optics make it easy to expand the individual modules into complete systems that create a brilliant impression.



COINlight-OSTAR®



DRAGONeye®

## Pleasant accent lighting for everyday life.

If you want to draw attention to particular objects, then our complex DRAGONeye®, COINlight-OSTAR® and LINEARlight-DRAGON® modules will help you ensure that people focus on the essential. You can thus use lighting as an inviting gesture that anyone would be glad to accept.

### DRAGONeye®

The DRAGONeye® mini spotlight is an excellent choice for adding sparkle to shop windows, shop interiors and museum displays. As a luminaire head, it is easily integrated in single-LED luminaires and has a highly innovative light source in the form of the high-flux Golden DRAGON® LED.



- For accent, orientation or route lighting
- Narrow beam angle for use as a spotlight source
- Metal package for optimum heat removal
- Two-core connecting cable 200 mm with open cable ends
- Simple installation thanks to M10 x 1.5 thread
- Type of protection IP65 according to DIN EN 60529
- The modules can only be connected in series
- Supplied by 350 mA OPTOTRONIC® control gear, e. g. OT 9/200-240/350 DIM



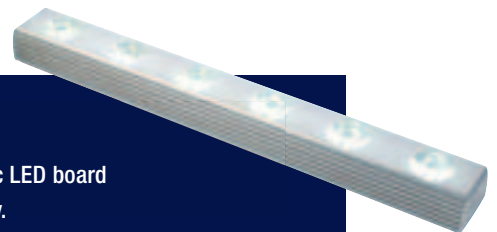


## COINlight-OSTAR®

No one should be in the dark about the benefits of focused light from the round COINlight-OSTAR® high-flux spotlight. Thin-film technology provides high luminous efficacy so rooms and corridors can be illuminated evenly with just one LED OSTAR® Lighting. The small package has an integrated heat sink for optimized primary thermal management.

- Ideal for use in recessed ceiling luminaires, shop lighting as well as orientation and accent lighting
- With integrated primary heat sink
- Easy to integrate in standard luminaires
- Integrated 38° optics
- M3 internal thread for simple installation
- Fitted with three connecting cables: red +, black -, white for dimming
- Dimmable by pulse width modulation (PWM)
- The modules can only be connected in parallel
- Up to six modules can be connected one after the other with mid-feed with only one OT 75 unit
- Supplied by 24V OPTOTRONIC® control gear, 1 module: OT 20/230-240/24 or 6 modules: OT 75/220-240/24
- Optional: heat sink for extended life

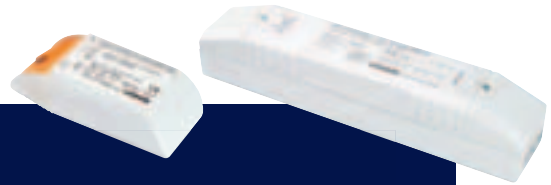
NEW



## LINEARlight-DRAGON®

The versatile LINEARlight-DRAGON® light strip, consisting of a metallic LED board with six high-flux LEDs and heat sink, is very much out of the ordinary.

- Suitable for wide-area illumination and other general lighting applications, ideal for recessed luminaires
- Plug-&-play connection (feeder and connector) thanks to the LD-2x CONNECTsystem
- Up to six modules can be connected one after the other with mid-feed with only one OT 75 unit
- Dimmable by pulse width modulation (PWM)
- Integrated 30° optics (for overall module)
- Additional optics OP1x1 for different applications (spotlight, wide-area lighting, wall washing) can be combined with the board
- Mounting holes on the overall module and on the board for attachment with M3 screws; alternative mounting of the overall module with mounting brackets LD-MB
- Supplied by 24V OPTOTRONIC® control gear, 1 module: OT 20/230-240/24 or 6 modules: OT 75/220-240/24



## OPTOTRONIC®

OSRAM has developed control gear specifically for the compact and powerful LINEARlight-DRAGON®, COINlight-OSTAR® and DRAGONeye® luminaire systems, allowing for highly flexible and efficient lighting solutions.

### OPTOTRONIC® for 24V LED modules – OT 20/230-240/24 and OT 75/220-240/24

- Parallel connection of multiple LED modules

### OPTOTRONIC® for 350 mA LED modules – OT 9/200-240/350 DIM

- Specially developed for operating high-flux LED modules
- Compact, electronically controlled constant-current supply
- Can be dimmed with a potentiometer

### General features

- Safe operation thanks to electrical isolation between the primary side and the secondary side (SELV equivalent)
- Compact, functional design with cable clamp
- Secondary lines with a length of up to 10m possible
- Reversible short-circuit, overtemperature and overload protection

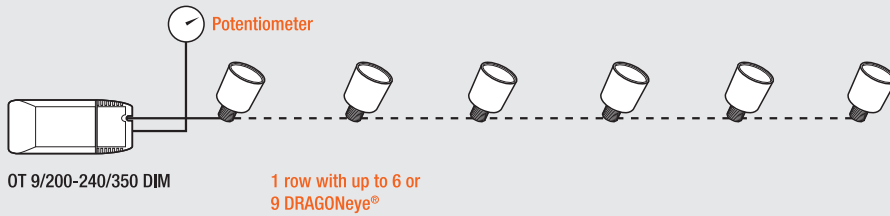
## TECHNICAL DATA

| Product reference                               | Voltage/current | Dimensions (Ø/L/W/H) | Wattage (available colors)                    | No. of LEDs per module/ ECG            |
|---|-----------------|----------------------|---|--|
| <b>LED modules with housing and OPTOTRONIC®</b> |                 |                      |   |  |
| DE1 DRAGONeye                                   | 350 mA          | Ø 23 mm x H 33 mm    | 1.2W (white, blue, green); 0.8W (red, yellow) | 1                                      |
| C006A COINlight-OSTAR                           | 24V             | Ø 51 mm x H 29.2 mm  | 12W (white)                                   | 1                                      |
| LD06A LINEARlight-DRAGON system                 | 24V             | 307 x 36 x 25.8 mm   | 12W (white)                                   | 6                                      |
| OT 9/200-240/350 DIM                            | 350 mA          | 80 x 40 x 22 mm      | 8.5W  | up to 6 or 9 DE1                       |
| OT 20/230-240/24                                | 24V             | 109 x 50 x 35 mm     | 20W   | 1 C006A or 1 LD06A                     |
| OT 75/220-240/24                                | 24V             | 220 x 47 x 44 mm     | 75W   | up to 6 C006A or 6 <sup>1)</sup> LD06A |

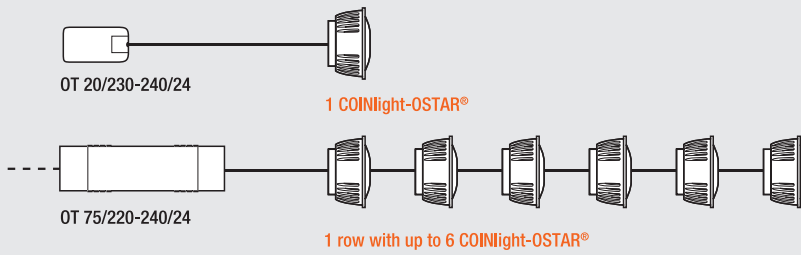
1) Feed must be in the middle

For current data and important safety, installation and application information, see [www.osram.com/led-systems](http://www.osram.com/led-systems)

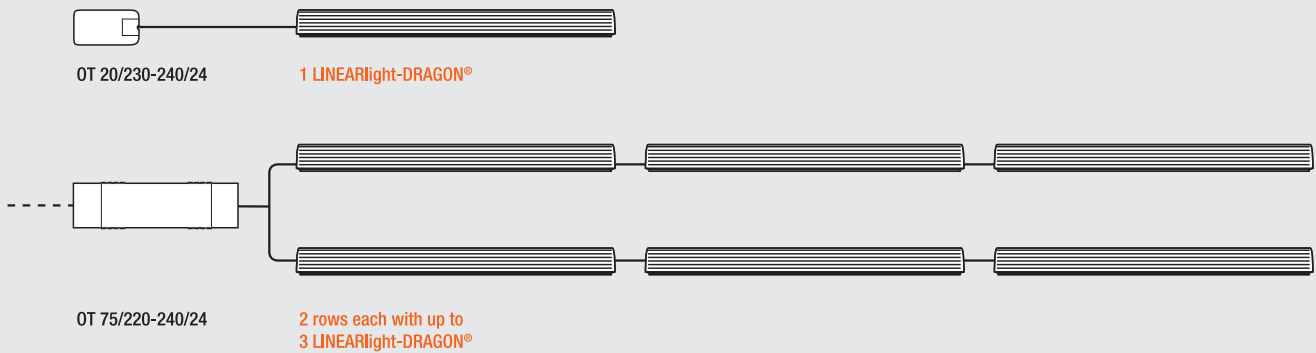
**DRAGONeye® with OT 9 DIM**



**COINlight-OSTAR® with OT 20 or OT 75**



**LINEARlight-DRAGON® with OT 20 or OT 75**





PEUGEOT

*BACKlight BL04*



*BACKlight BL02*

# Your name up in lights.

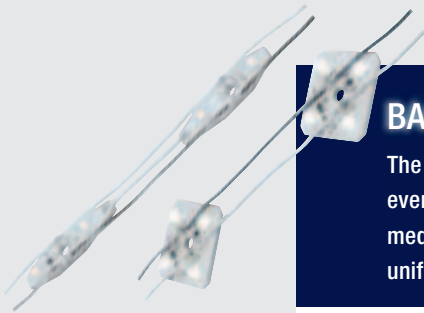
Cornershops and multinational corporations alike can draw attention to themselves and therefore attract more customers by putting their names up in lights. Our specialist backlighting units are hard at work behind the scenes of modern illuminated advertising. BACKlight modules make illuminated signs appear brighter than ever before, adding to their fascination.



BACKlight BL04

# Illuminated advertising in perfect quality.

Advances in lighting technology have been followed by increased demands relating to the uniform illumination of complex signage structures. Our BACKlight modules more than meet these challenges as they can backlight lettering in all shapes, sizes and colors, making light of even the most difficult conditions.



## BACKlight BL02 and BL04

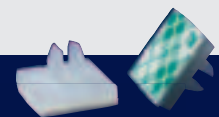
The slim BACKlight BL02 module fits perfectly in narrow lettering, illuminating complex contours evenly. The LED chains can be installed quickly and easily thanks to their flexible connections. In medium and large-size letters, the extremely robust BACKlight BL04 module provides powerful and uniform illumination of structures of any complexity.

- A reel comprises two LED chains consisting of 60 (BL02) or 30 (BL04) boards each with two or four LEDs
- The flexible cables enable the luminance to be individually adjusted
- Installation "from the reel" and simple connection to the control gear reduces installation costs considerably
- The small height and the wide beam angle allow for the uniform illumination of extremely low-profile lettering
- Split points between the individual boards make it easier to prepare the boards and mount them in lettering
- The boards are coated at the factory to protect them against moisture and condensation
- The boards are installed with screws or the self-adhesive installation aid BL-T
- BL02/04L-W3F – white light now available with an average of 70 % greater brightness
- Supplied by 10V OPTOTRONIC® control gear, 1/4 module: OT 12/220-240/10 LE or 1 module: OT 50/120-277/10 E

NEW

## BL-T

Thanks to the self-adhesive installation aid BL-T, all BACKlight modules can be quickly and easily installed in signage of almost any type and size.



- Specially developed for BACKlight BL02 and BL04
- Self-adhesive backing for a secure hold

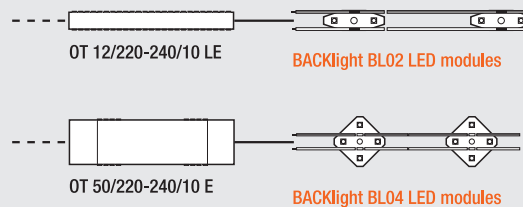


## OPTOTRONIC® with IP protection

OPTOTRONIC® control gear capable of withstanding any weather is available to planners and architects for creative outdoor lighting concepts.

- OT 50/120-227/10 E, OT 12/220-240/10 LE devices for outdoor applications with type of protection IP64 or IP65
- Output voltage 10V DC, electronically stabilized, constant dc voltage
- Several modules can be connected in parallel within the specified output range
- Safe operation thanks to electrical isolation between the primary side and the secondary side (SELV equivalent)
- Operation in ambient temperatures from -25 °C to +60 °C
- Intelligent power matching for LED modules (**S**mart **P**ower **S**upply) on OT 50 E

### Simple connection between the control gear and the LED module



## TECHNICAL DATA

| Product reference                 | Voltage | Dimensions             | Wattage (available colors)  | No. of LEDs per module/ ECG       |
|-----------------------------------|---------|------------------------|---|-----------------------------------|
| <b>BACKlight and OPTOTRONIC®</b>  |         |                        |   |                                   |
| BL02 S BACKlight                  | 10V     | 2 x 4.8 m = 9.6 m      | 32W (green, blue)<br>38W (white W2, super red, red, orange, yellow) | 2 chains, 60 boards each (1 reel) |
| BL02 L BACKlight                  | 10V     | 2 x 7.2 m = 14.4 m     | 44W (white W3F)   | 2 chains, 60 boards each (1 reel) |
| BL04 S BACKlight                  | 10V     | 2 x 2.4 m = 4.8 m      | 32W (blue); 38W (white W2);   | 2 chains, 30 boards each (1 reel) |
| BL04 L BACKlight                  | 10V     | 2 x 3.6 m = 7.2 m      | 44W (white W3F)   | 2 chains, 30 boards each (1 reel) |
| OT 12/220-240/10 LE <sup>1)</sup> | 10V     | 177 (190) x 20 x 20 mm | 12W   | 0.25 reel                         |
| OT 50/120-277/10 E <sup>1)</sup>  | 10V     | 241 x 43 x 30 mm       | 50W   | 1 reel                            |

1) Without cable clamp

Optional accessories: installation aid BL-T, see p. 38. For current photometric data as per data sheet and application notes, see [www.osram.com/led-systems](http://www.osram.com/led-systems). For the OSRAM LED deSIGNer online program, see [www.osram.com/led-designer](http://www.osram.com/led-designer).

# The right solution for every application.

A marriage made in heaven is one where the couple are perfectly in tune with each other. It's the same with LED modules and control gear from OSRAM. To be in a position to produce intelligent systems from a single source and for all applications, OSRAM develops all the components together – and achieves optimum functionality and efficiency.

| LED modules                        | Number of LED modules per control gear |                  |                  |                     |                  |                           |                     |                     |
|------------------------------------|--|------------------|------------------|---------------------|------------------|---------------------------|---------------------|---------------------|
|                                    | OT 9/200-240/350 DIM                   | OT 12/230-240/10 | OT 20/230-240/24 | OT 50/220-240/10    | OT 75/220-240/24 | OT EASY 60/220-240/24 RGB | OT 50/120-277/10 E  | OT 12/220-240/10 LE |
| BL02 BACKlight                     |  | 0.25             |                  | 1                   |                  |                           | 1                   | 0.25                |
| BL04 BACKlight                     |  | 0.25             |                  | 1                   |                  |                           | 1                   | 0.25                |
| CL05A COINlight® Colormix          |  |                  | 12               |                     | 46               | 37                        |                     |                     |
| CO06A COINlight-OSTAR®             |  |                  | 1                |                     | 6                | <sup>4)</sup>             |                     |                     |
| DC24A DRAGONchain® Colormix        |  |                  |                  |                     | 2 <sup>2)</sup>  | 2                         |                     |                     |
| DE1 DRAGONeye®                     | 6/9 <sup>1)</sup>                      |                  |                  |                     |                  |                           |                     |                     |
| LD06A LINEARlight-DRAGON®          |  |                  | 1                |                     | 6                | <sup>4)</sup>             |                     |                     |
| LD18A LINEARlight-DRAGON® Colormix |  |                  | 12 <sup>2)</sup> |                     | 2 <sup>2)</sup>  | 2                         |                     |                     |
| LM01A LINEARlight                  |  | 3                |                  | 12/15 <sup>1)</sup> |                  |                           | 12/15 <sup>1)</sup> | 3                   |
| LM01M LINEARlight Colormix         |  |                  | 2 <sup>2)</sup>  |                     | 8 <sup>2)</sup>  | 7                         |                     |                     |
| LM10L LINEARlight Colormix Flex    |  |                  | <sup>2) 3)</sup> |                     | 1 <sup>4)</sup>  | 1                         |                     |                     |
| LM10A LINEARlight Flex®            |  |                  | <sup>3)</sup>    |                     | 1                | <sup>4)</sup>             |                     |                     |
| LM11A LINEARlight Flex®            |  | <sup>3)</sup>    |                  | 1/2 <sup>1)</sup>   |                  |                           | 1/2 <sup>1)</sup>   | <sup>3)</sup>       |
| LM10P LINEARlight POWER Flex       |  |                  | <sup>3)</sup>    |                     | 1                | <sup>4)</sup>             |                     |                     |

1) Color-dependent

2) RGB controller required – see product range at [www.osram.com/professionals](http://www.osram.com/professionals)

3) Operation with single module units possible

4) 1-channel operation



## The System+Guarantee\* from OSRAM: systematic quality from a single source.

Electronic control gear from OSRAM achieves its optimum functionality when operating as a system in conjunction with LED modules from OSRAM because both components are always perfectly matched to one another. We therefore offer an extensive guarantee for control gear and LED modules from OSRAM. All the details on the relevant products and systems, registration and the guarantee requirements can be found at: [www.osram.com/systemguarantee](http://www.osram.com/systemguarantee)

\* After registering the system and under certain conditions of use.



# Overview: order numbers.

| Product reference                          | Product number | Light color |
|--|----------------|-------------|
| <b>DECOSPOT® LED PAR 16 E14</b>            |                |             |
| 80001                                      | 4008321905550  | colorchange |
| 80002                                      | 4008321905635  | white       |
| 80003                                      | 4008321905529  | red         |
| 80004                                      | 4008321905536  | green       |
| 80005                                      | 4008321905543  | blue        |
| <b>DECOSPOT® LED PAR 16 GU10</b>           |                |             |
| 80011                                      | 4008321905598  | colorchange |
| 80012                                      | 4008321905642  | white       |
| 80013                                      | 4008321905567  | red         |
| 80014                                      | 4008321905574  | green       |
| 80015                                      | 4008321905581  | blue        |
| <b>DRAGONSTAR® 500 GU5.3</b>               |                |             |
| 80022-30                                   | 4008321908322  | warm white  |
| 80024                                      | 4008321908346  | green       |
| 80025                                      | 4008321908353  | blue        |
| 80026                                      | 4008321133250  | orange      |
| 80027                                      | 4008321133281  | red         |
| <b>DULED® E27</b>                          |                |             |
| 80300 DULED 8W/827                         | 4008321202314  | warm white  |
| 80302 DULED 12W/827                        | 4008321222350  | warm white  |
| 80305 DULED 15W/827                        | 4008321929372  | warm white  |
| 80306 DULED 21W/827                        | 4008321929396  | warm white  |
| <b>DULED® GLOBE, DULED® GLOBE RGB, E27</b> |                |             |
| 80307 DULED G95 12W/827                    | 4008321929419  | warm white  |
| 80308 DULED G110 21W/827                   | 4008321929433  | warm white  |
| 80350 DULED RGB G95 12W/827                | 4008321929457  | warm white  |
| 80351 DULED RGB G110 21W/827               | 4008321929471  | warm white  |
| <b>PARATHOM® CLASSIC A, A shape</b>        |                |             |
| 80059                                      | 4008321929273  | cool white  |
| 80061                                      | 4008321925329  | warm white  |
| 80060                                      | 4008321918253  | colorchange |
| 80062                                      | 4008321918260  | blue        |
| 80063                                      | 4008321918277  | green       |
| 80064                                      | 4008321918284  | red         |
| 80065                                      | 4008321918291  | yellow      |

| Product reference                                | Product number | Light color |
|--|----------------|-------------|
| <b>PARATHOM® CLASSIC P, P shape/round bulb</b>   |                |             |
| 80087  | 4008321929297  | cool white  |
| 80089  | 4008321925367  | warm white  |
| 80088  | 4008321922427  | colorchange |
| 80090  | 4008321922441  | blue        |
| 80091  | 4008321922465  | green       |
| 80092  | 4008321922489  | red         |
| 80093  | 4008321922502  | yellow      |
| <b>PARATHOM® CLASSIC B, B shape/candle</b>       |                |             |
| 80094  | 4008321929310  | cool white  |
| 80096  | 4008321925404  | warm white  |
| 80095  | 4008321922625  | colorchange |
| 80097  | 4008321922649  | blue        |
| 80098  | 4008321922663  | green       |
| 80099  | 4008321922687  | red         |
| 80100  | 4008321922700  | yellow      |
| <b>PARATHOM® GLOBE G shape, G95</b>              |                |             |
| 80845  | 4008321929334  | cool white  |
| 80846  | 4008321929358  | warm white  |
| 80340  | 4008321925442  | colorchange |
| 80341  | 4008321925466  | blue        |
| 80342  | 4008321925480  | green       |
| 80343  | 4008321925503  | red         |
| 80344  | 4008321925527  | yellow      |
| <b>COLOR-e-MOTION® Tube RGB – indoor</b>         |                |             |
| CEM Tube RGB, 600 mm                             | 4008321932778  | Colormix    |
| CEM Tube RGB, 900 mm                             | 4008321932785  | Colormix    |
| CEM Tube RGB, 1200 mm                            | 4008321932792  | Colormix    |
| <b>COLOR-e-MOTION® Tube RGB – control system</b> |                |             |
| Wallmount Unit                                   | 4008321920706  |             |
| IR remote control                                | 4008321920713  |             |
| CEM Tube RGB connecting cable                    | 4008321932839  |             |
| <b>COLOR-e-MOTION® Tube EASY – indoor</b>        |                |             |
| CEM Tube EASY, 600 mm                            | 4008321918048  | Colormix    |
| CEM Tube EASY, 900 mm                            | 4008321918055  | Colormix    |
| CEM Tube EASY, 1200 mm                           | 4008321918062  | Colormix    |

| Product reference                                    | Product number | Light color |
|--|----------------|-------------|
| <b>COLOR-e-MOTION® Tube EASY – outdoor</b>           |                |             |
| CEM Tube EASY, 600 mm                                | 4008321918079  | Colormix    |
| CEM Tube EASY, 900 mm                                | 4008321918086  | Colormix    |
| CEM Tube EASY, 1200 mm                               | 4008321918093  | Colormix    |
| <b>COLOR-e-MOTION® Tube EASY – control system</b>    |                |             |
| CEM Tube EASY sensor kit                             | 4008321918116  |             |
| DALI EASY RMC  | 4008321053152  |             |
| EASY Color Control software                          | 4008321915559  |             |
| <b>COLOR-e-MOTION® Tube DMX – indoor and outdoor</b> |                |             |
| CEM Tube DMX, 600 mm                                 | 4008321918123  | Colormix    |
| CEM Tube DMX, 900 mm                                 | 4008321918130  | Colormix    |
| CEM Tube DMX, 1200 mm                                | 4008321918147  | Colormix    |
| <b>COLOR-e-MOTION® Flex</b>                          |                |             |
| CEM Flex, 451 mm – 5400 K                            | 4008321920546  | white       |
| CEM Flex, 591 mm – 5400 K                            | 4008321920553  | white       |
| CEM Flex, 871 mm – 5400 K                            | 4008321920560  | white       |
| CEM Flex, 451 mm                                     | 4008321920577  | red         |
| CEM Flex, 591 mm                                     | 4008321920584  | red         |
| CEM Flex, 871 mm                                     | 4008321920591  | red         |
| CEM Flex, 451 mm                                     | 4008321920607  | green       |
| CEM Flex, 591 mm                                     | 4008321920614  | green       |
| CEM Flex, 871 mm                                     | 4008321920621  | green       |
| CEM Flex, 451 mm                                     | 4008321920638  | blue        |
| CEM Flex, 591 mm                                     | 4008321920645  | blue        |
| CEM Flex, 871 mm                                     | 4008321920652  | blue        |
| CEM Flex, 451 mm                                     | 4008321920669  | Colormix    |
| CEM Flex, 591 mm                                     | 4008321920676  | Colormix    |
| CEM Flex, 871 mm                                     | 4008321920683  | Colormix    |
| <b>COLOR-e-MOTION® Flex – accessories</b>            |                |             |
| CEM Wallmount Unit                                   | 4008321920706  |             |
| CEM IR remote control                                | 4008321920713  |             |
| CEM Flex control cable 2 m                           | 4008321927057  |             |
| CEM Flex side injection cable 2 m                    | 4008321927088  |             |
| CEM Flex connecting cable 2 m                        | 4008321927149  |             |
| CEM Flex connecting cable 0.2 m                      | 4008321927118  |             |
| OT 75/220-240/24                                     | 4050300817477  |             |
| OT EASY 60/220-240/24 RGB+W                          | 4008321187796  |             |

| Product reference                                    | Product number | Light color |
|--|----------------|-------------|
| <b>COLOR-e-MOTION® Panel RGB</b>                     |                |             |
| CEM Panel RGB WT                                     | 4008321932914  | Colormix    |
| CEM Panel RGB BK                                     | 4008321932921  | Colormix    |
| <b>Accessories for COLOR-e-MOTION® Panel RGB</b>     |                |             |
| CEM Panel horizontal mounting kit                    | 4008321276780  |             |
| CEM Wallmount Unit                                   | 4008321920706  |             |
| CEM IR remote control                                | 4008321920713  |             |
| CEM Panel control cable                              | 4008321932938  |             |
| <b>COLOR-e-MOTION® Panel EASY</b>                    |                |             |
| CEM Panel EASY                                       | 4008321917980  | Colormix    |
| CEM Panel EASY                                       | 4008321918574  | Colormix    |
| <b>COLOR-e-MOTION® Panel EASY – accessories</b>      |                |             |
| CEM Panel power supply kit                           | 4008321918000  |             |
| CEM Panel horizontal mounting kit                    | 4008321276780  |             |
| CEM vertical mounting kit WT                         | 4008321918031  |             |
| CEM vertical mounting kit BK                         | 4008321921826  |             |
| EASY IR Cl (sensor)                                  | 4008321915573  |             |
| DALI EASY RMC  | 4008321053152  |             |
| EASY Color Control software                          | 4008321915559  |             |
| <b>COLOR-e-MOTION® Carre</b>                         |                |             |
| CEM Carre  | 4008321920690  | Colormix    |
| <b>Control accessories for COLOR-e-MOTION® Carre</b> |                |             |
| CEM Wallmount Unit                                   | 4008321920706  |             |
| CEM IR remote control                                | 4008321920713  |             |
| CEM Carre control cable 2 m                          | 4008321927057  |             |
| CEM Carre side injection cable 2 m                   | 4008321927088  |             |
| CEM Carre connecting cable 2 m                       | 4008321927149  |             |
| CEM Carre connecting cable 0.2 m                     | 4008321927118  |             |
| OT 75/220-240/24                                     | 4050300817477  |             |

# Overview: order numbers.

| Product reference   | Product number | Light color  |
|---|----------------|--------------|
| <b>HIGH POWER SPOT</b>  |                |              |
| HIGH POWER SPOT 10°   | 4008321204660  | RGB          |
| HIGH POWER SPOT 30°   | 4008321204677  | RGB          |
| <b>HIGH POWER FLOOD</b>   |                |              |
| HIGH POWER FLOOD 10°  | 4008321204646  | RGB          |
| HIGH POWER FLOOD 30°  | 4008321204653  | RGB          |
| <b>Accessories for HIGH POWER FLOOD and SPOT</b>                  |                |              |
| ID LAUNCHER   | 4008321291110  |              |
| <b>EKINOS® E OSTAR® 38°</b>                                       |                |              |
| EKINOS E OSTAR 730  | 4008321273871  | white/3000 K |
| EKINOS E OSTAR 847  | 4008321273994  | white/4700 K |
| EKINOS E OSTAR 854  | 4008321274076  | white/5400 K |
| <b>EKINOS® F OSTAR® 38°</b>                                       |                |              |
| EKINOS F OSTAR 730  | 4008321273710  | white/3000 K |
| EKINOS F OSTAR 847  | 4008321273727  | white/4700 K |
| EKINOS F OSTAR 854  | 4008321273758  | white/5400 K |
| <b>ELLIPSE OSTAR® ORIENT 38°</b>                                  |                |              |
| ELLIPSE OSTAR ORIENT 730  | 4008321265500  | white/3000 K |
| ELLIPSE OSTAR ORIENT 847  | 4008321265517  | white/4700 K |
| ELLIPSE OSTAR ORIENT 854  | 4008321265524  | white/5400 K |
| <b>Accessories for EKINOS® E OSTAR® and ELLIPSE OSTAR® ORIENT</b> |                |              |
| Power supply kit for 1 spot                                       | 4008321918222  |              |
| Power supply kit for 6 spot                                       | 4008321918246  |              |
| <b>LED TABLE STAR</b>   |                |              |
| 80201   | 4008321908506  | white        |
| <b>NAUTILUS® MIDI OSTAR®</b>                                      |                |              |
| NAUTILUS MIDI OSTAR 38°   | 4008321932518  | white/4700 K |
| NAUTILUS MIDI OSTAR 38°   | 4008321932532  | white/3000 K |

| Product reference   | Product number | Light color  |
|---|----------------|--------------|
| <b>HYDROSTAR™ MINI OSTAR®</b>   |                |              |
| HYDROSTAR MINI OSTAR  | 4008321932105  | white/4200 K |
| HYDROSTAR MINI OSTAR  | 4008321932341  | white/3000 K |
| OT 18/200-240/700 DIM   | 4008321139320  |              |
| <b>HYDROSTAR™ MICRO 3 LED</b>   |                |              |
| HYDROSTAR MICRO 3 LED 20°   | 4008321932570  | white/2700 K |
| HYDROSTAR MICRO 3 LED 16°   | 4008321153982  | blue         |
| HYDROSTAR MICRO 3 LED 16°   | 4008321154002  | green        |
| HYDROSTAR MICRO 3 LED 16°   | 4008321154026  | yellow       |
| HYDROSTAR MICRO 3 LED 16°   | 4008321154064  | red          |
| <b>HYDROSTAR™ MICRO 1 LED</b>   |                |              |
| HYDROSTAR MICRO 1 LED 6°  | 4008321932556  | white/2700 K |
| HYDROSTAR MICRO 1 LED 6°  | 4008321153722  | blue         |
| HYDROSTAR MICRO 1 LED 6°  | 4008321153784  | green        |
| HYDROSTAR MICRO 1 LED 6°  | 4008321153807  | yellow       |
| HYDROSTAR MICRO 1 LED 6°  | 4008321153845  | red          |
| <b>Accessories for HYDROSTAR™ MICRO LED</b>   |                |              |
| OT 3/100-240/350  | 4008321154835  |              |
| OT 9/200-240/350 DIM  | 4008321187321  |              |
| OT 9/200-240/350 E  | 4008321154859  |              |
| Filling compound (80 ml pack)   | 4008321153418  |              |
| <b>DOT-it® CLASSIC and LINEAR (counter display)</b>                                   |                |              |
| 501517EU CLASSIC  | 4008321932761  | various*     |
| 501518EU LINEAR   | 4008321916174  | various*     |
| * Display equipped with: 2 x piano black, 2 x oxygen blue, 2 x diva red, 6 x platinum |                |              |
| <b>DOT-it® VARIO (counter display)</b>  |                |              |
| 501596EU  | 4008321932730  | various*     |
| * Display equipped with: 4 x platinum, 3 x piano black, 3 x ice white                 |                |              |
| <b>DOT-it® LINEAR VARIO (counter display)</b>   |                |              |
| 501597EU  | 4008321932716  | various*     |
| * Display equipped with: 4 of each color  |                |              |
| <b>DOT-it® waterproof (counter display)</b>   |                |              |
| 501595EU  | 4008321933225  | various*     |
| * Display equipped with: 3 of each color  |                |              |

| Product reference                 | Product number | Light color  |
|-----------------------------------|----------------|--------------|
| <b>LINEARlight</b>                |                |              |
| LM01A-W2-847                      | 4008321015983  | white/4700 K |
| LM01A-W2-854                      | 4050300887081  | white/5400 K |
| LM01A-W2-865                      | 4050300887043  | white/6500 K |
| LM01A-W3F-727                     | 4008321213945  | white/2700 K |
| LM01A-W3F-854                     | 4008321213921  | white/5400 K |
| LM01A-A1                          | 4050300887128  | red          |
| LM01A-S1                          | 4050300888002  | super red    |
| LM01A-O1                          | 4050300888040  | orange       |
| LM01A-B1                          | 4050300888088  | blue         |
| LM01A-T2                          | 40503008887845 | green        |
| LM01A-Y1                          | 4008321015969  | yellow       |
| <b>LINEARlight Flex® TOPLED®</b>  |                |              |
| LM10A-W2-847                      | 4008321040145  | white/4700 K |
| LM10A-W2-854                      | 4050300887289  | white/5400 K |
| LM10A-W2-865                      | 4050300887265  | white/6500 K |
| LM10A-W3F-727                     | 4008321214027  | white/2700 K |
| LM10A-W3F-733                     | 4008321931634  | white/3300 K |
| LM10A-W3F-854                     | 4008321214065  | white/5400 K |
| LM10A-A1                          | 4008321040060  | red          |
| LM10A-B2                          | 4008321168818  | blue         |
| LM10A-T2                          | 4008321168832  | green        |
| LM10A-Y1                          | 4050300946030  | yellow       |
| <b>LINEARlight Flex® SIDELED®</b> |                |              |
| LM11A-W3-847                      | 4008321187161  | white/4700 K |
| LM11A-W3-854                      | 4008321187585  | white/5400 K |
| LM11A-W3-865                      | 4008321187208  | white/6500 K |
| LM11A-A                           | 4008321086952  | red          |
| LM11A-B                           | 4008321086976  | blue         |
| LM11A-T                           | 4008321086990  | green        |
| LM11A-Y1                          | 4050300946016  | yellow       |
| <b>LINEARlight POWER Flex</b>     |                |              |
| LM10P-W3F-727                     | 4008321215444  | white/2700 K |
| LM10P-W3F-854                     | 4008321215482  | white/5400 K |
| <b>LINEARlight Colormix</b>       |                |              |
| LM01M-RGB-B7                      | 4050300820873  | RGB          |
| LM01M-RGB-B8                      | 4050300820897  | RGB          |

| Product reference                   | Product number | Light color  |
|-------------------------------------|----------------|--------------|
| <b>LINEARlight Colormix Flex</b>    |                |              |
| LM10L-RGB-B7                        | 4008321008824  | RGB          |
| LM10L-RGB2-B7                       | 4008321285317  | RGB          |
| LM10L-RGB2-B6                       | 4008321288714  | RGB          |
| <b>COINlight® Colormix</b>          |                |              |
| CL05A-RGB                           | 4008321208262  | RGB          |
| <b>LINEARlight-DRAGON® Colormix</b> |                |              |
| LD18A-RGB-14x22                     | 4008321251787  | RGB          |
| <b>DRAGONchain® Colormix</b>        |                |              |
| DC24A-RGB-H                         | 4008321254658  | RGB          |
| <b>DRAGONeye®</b>                   |                |              |
| DE1-W3-733                          | 4008321909718  | white/3300 K |
| DE1-W3-854                          | 4008321909725  | white/5400 K |
| DE1-A2                              | 4008321909732  | red          |
| DE1-B2                              | 4008321909749  | blue         |
| DE1-T2                              | 4008321909763  | green        |
| DE1-Y2                              | 4008321909756  | yellow       |
| <b>COINlight-OSTAR®</b>             |                |              |
| C006A-W3-730                        | 4008321231574  | white/3000 K |
| C006A-W3-847                        | 4008321231512  | white/4700 K |
| C006A-W3-854                        | 4008321231451  | white/5400 K |
| <b>LINEARlight-DRAGON® system</b>   |                |              |
| LD06A-W3F-727-L30                   | 4008321215284  | white/2700 K |
| LD06A-W3F-854-L30                   | 4008321215307  | white/5400 K |

# Overview: order numbers.

| Product reference                                     | Product number | Light color  |
|---|----------------|--------------|
| <b>BACKlight BL02</b>                                 |                |              |
| BL02S-W2-854  | 4008321084132  | white/5400 K |
| BL02S-W2-865  | 4008321083937  | white/6500 K |
| BL02L-W3F-865   | 4008321214645  | white/6500 K |
| BL02S-A1  | 4008321083715  | red          |
| BL02S-A2  | 4008321174932  | red          |
| BL02S-B1  | 4008321084071  | blue         |
| BL02S-O1  | 4008321083975  | orange       |
| BL02S-S1  | 4008321083951  | super red    |
| BL02S-T2  | 4008321084057  | green        |
| BL02S-Y2  | 4008321084033  | yellow       |
| <b>BACKlight BL04</b>                                 |                |              |
| BL04S-W2-854  | 4008321907356  | white/5400 K |
| BL04S-W2-865  | 4008321907370  | white/6500 K |
| BL04L-W3F-865   | 4008321214706  | white/6500 K |
| BL04S-B1  | 4008321907332  | blue         |
| <b>CONNECTsystem for LINEARlight</b>                  |                |              |
| LM-2PIN   | 4008321908629  |              |
| LM-2CONN  | 4008321908643  |              |
| LM-2CONN-50   | 4008321908667  |              |
| <b>CONNECTsystem for LINEARlight Flex®</b>            |                |              |
| LM-2PIN Flex  | 4008321916211  |              |
| LM-CONN-10 Flex                                       | 4008321916259  |              |
| LM-CONN-150 Flex                                      | 4008321931375  |              |
| <b>CONNECTsystem for LINEARlight Colormix</b>         |                |              |
| LM-4PIN   | 4008321908681  |              |
| LM-4CONN-45   | 4008321116277  |              |
| <b>CONNECTsystem for LINEARlight Colormix Flex</b>    |                |              |
| LM-4PIN Flex  | 4008321916235  |              |
| LM-CONN-10 Flex                                       | 4008321916259  |              |
| LM-CONN-150 Flex                                      | 4008321931375  |              |
| <b>CONNECTsystem for LINEARlight-DRAGON® Colormix</b> |                |              |
| LD-4PIN   | 4008321931337  |              |
| LD-4CONN-100  | 4008321931351  |              |

| Product reference  | Product number |
|--|----------------|
| <b>CONNECTsystem for LINEARlight-DRAGON®</b>             |                |
| LD-2PIN  | 4008321182845  |
| LD-2CONN-40  | 4008321182869  |
| LD-2CONN-100   | 4008321182883  |
| <b>LINEARlight Optics</b>                                |                |
| OP4x1  | 4008321908704  |
| <b>LINEARlight Track</b>                                 |                |
| LT-H047-S  | 4008321256805  |
| LT-H143-S  | 4008321256829  |
| LT-H047-P  | 4008321239563  |
| LT-H143-P  | 4008321239587  |
| <b>BL-T installation aid for BACKlight BL02 and BL04</b> |                |
| BL-T   | 4008321161284  |
| <b>Mounting bracket for LINEARlight-DRAGON®</b>          |                |
| LD-MB  | 4008321225672  |
| <b>Heat sink for COINlight-OSTAR®</b>                    |                |
| COHS-50  | 4008321299246  |
| <b>OPTOTRONIC®</b>                                       |                |
| OT 9/200-240/350 DIM                                     | 4008321187321  |
| OT 12/230-240/10   | 4050300609232  |
| OT 12/220-240/10 LE                                      | 4008321174253  |
| OT 20/230-240/24   | 4050300618111  |
| OT 50/220-240/10   | 4050300817491  |
| OT 50/120-277/10 E                                       | 4050300861500  |
| OT 75/220-240/24   | 4050300817477  |
| <b>EASY Color Control and accessories</b>                |                |
| OT EASY 60/220-240/24 RGB                                | 4008321187796  |
| Control unit DALI EASY II                                | 4008321053046  |
| EASY RMC (remote control)                                | 4008321053152  |
| EASY IR (IR receiver)                                    | 4008321053138  |
| EASY IR CI<br>(IR receiver, ceiling installation)        | 4008321915573  |
| Y-CONNECTOR  | 4050300803135  |
| EASY PB COUPLER (pushbutton coupler)                     | 4008321915597  |
| EASY PC KIT  | 4008321915559  |

## Facts coming faster to light.

Lighting solutions with LEDs can be easily developed with the OSRAM online tools: the LED Module Quickfinder offers an optimal overview of our LED range and the OSRAM LED deSIGNer provides all relevant data for backlighting in no time.

The LED Module Quickfinder helps you find the right LED light source. The OSRAM LED deSIGNer online program works out the number of BACKlight and DRAGONchain® modules needed for backlighting projects, lists the appropriate control equipment and produces the relevant order data.

[www.osram.com/led-systems](http://www.osram.com/led-systems)

[www.osram.com/led-designer](http://www.osram.com/led-designer)

[www.osram.com/ecg-lms](http://www.osram.com/ecg-lms)

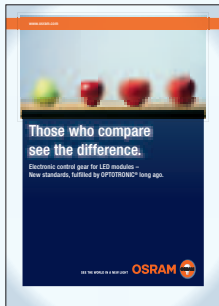
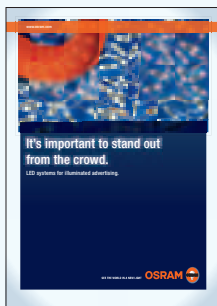


**Further technical information:**

The ideal system partners for EASY Color Control are:

- OT EASY 60 for LED modules
- QUICKTRONIC® QTI DALI® for fluorescent lamps
- HALOTRONIC® HTI DALI® for low-voltage halogen lamps (12V)

For further information on OT EASY 60 and LED modules from OSRAM, please refer to the OT Guide or our brochures on illuminated advertising. For information on QTI DALI® and HTI DALI® from OSRAM, please refer to the DALI® Guide ([www.osram.com/downloads](http://www.osram.com/downloads)).



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