

LED solutions from OSRAM: extremely bright, efficient, flexible.

The extremely robust LED modules allow for the homogeneous backlighting and illumination of light boxes, backlit billboards, profiled letters and ultra-thin displays.

Benefits of the new OSRAM LEDs in illuminated advertising and corporate lighting:

- Cost reduction through high efficiency and durability
- Sustainability thanks to intelligent replacement of fluorescent lamps
- System solutions from a single source
- Moisture and cold resistance according to IP-class
- Maximum flexibility due to compact design
- Easy installation and mounting



Global presence.

OSRAM supplies customers in 148 countries.

- 85 companies and sales offices for 122 countries
- 26 countries served by local agents or OSRAM GmbH, Munich

Albania
 Argentina
 Australia
 Austria
 Belarus
 Bosnia-Herzegovina
 Brazil
 Bulgaria
 Canada
 Chile
 China
 Colombia
 Croatia
 Czech Republic
 Denmark
 Ecuador
 Egypt
 Estonia
 Finland
 France
 Georgia
 Germany
 Great Britain
 Greece
 Hungary
 India
 Indonesia
 Iran
 Italy
 Japan
 Kazakhstan
 Kenya
 Korea

Latvia
 Lithuania
 Macedonia
 Malaysia
 Mexico
 Moldova
 Netherlands
 Norway
 Pakistan
 Peru
 Philippines
 Poland
 Portugal
 Romania
 Russia
 Saudi Arabia
 Serbia
 Singapore
 Slovakia
 South Africa
 Spain
 Sweden
 Switzerland
 Taiwan
 Thailand
 Tunisia
 Turkey
 Ukraine
 USA
 Uzbekistan
 United Arab Emirates
 Vietnam

OSRAM GmbH

Head Office
 Hellabrunner Strasse 1
 81543 Munich
 Germany
 Phone +49 (0) 89-6213-0
 Fax +49 (0) 89-6213-20 20
www.osram.com



Illuminated advertising with OSRAM LEDs: efficient, durable and stunningly beautiful.

The new product lines: BoxLED™, BackLED and LINEARlight Flex® Protect.

1E8S003GB 11/10 P4 OSRAM CRM MKAB OSRAM does not accept liability for errors, changes and omissions.



BoxLED™

AVAILABLE FROM THE BEGINNING OF 2011*



Robust LED modules for the homogeneous backlighting and illumination of light boxes and backlit billboards.

- BoxLED™ modules are suited for single and double-sided light boxes with a surface area of 0.25m² or more and an installation depth of 60mm or more.
- IP66 protection makes the modules especially durable and robust for appropriate outdoor applications.

BoxLED™ Back

- Illumination from behind
- 16 LED modules with 3 LEDs each
- Uniform illumination due to optimized lenses

BoxLED™ Side

- Illumination from the side
- 8 LED modules with 3 LEDs each
- Uniform illumination with specially designed elliptical lenses

Equipment:

BoxLED™ Mounting Profile

- Easy and quick installation
- Universally applicable mounting profile for single and double-sided light boxes

* Suitable 12V OPTOTRONIC® control gears are also available (15W/30W/60W/120W).

BackLED

AVAILABLE FROM THE BEGINNING OF 2011*



The highly efficient LED modules replace neon tubes in the backlighting or illumination of channel letters.

- Up to 30% higher application efficiency compared with LED systems without optics
- New lense technology for uniform illumination even with large LED spacing
- IP66 protection makes the modules especially durable and robust for appropriate outdoor applications.

BackLED S

- For small and/or flat letters
- 90 low-power LEDs per chain
- Light colors: white with 6500K or 3000K, red, orange, green, blue

BackLED M

- For middle-sized letters
- 60 mid-power LEDs per chain
- Light colors: white with 6500K or 3000K, red, blue

BackLED L

- For big and/or deep letters
- 48 high-power LEDs per chain
- Light color: white with 6500K or 3000K

* Replaces the BACKlight und DRAGONchain product lines. Suitable 12V OPTOTRONIC® control gears are also available (15W/30W/60W/120W).

LINEARlight Flex® Protect

AVAILABLE SOON*



LED modules for edge lighting in ultra-thin displays.

- Module potting made of high-quality and very durable high-performance silicon
- Easy installation with plug-and-play CONNECTsystem and self-adhesive backing
- IP67 protection of modules against contact, dust and moisture

LINEARlight Flex® Protect

- White versions with 3000K, 4000K or 5400K
- Colored RGB modules
- Beam angle 120°

LINEARlight Power Flex Protect

- Especially bright with up to 1200lm/m
- White versions with 2700K, 3000K, 4000K or 5400K
- Compact power for edge lighting and backlighting

* Suitable OPTOTRONIC® control gears are also available.

Our broad product portfolio, including different white versions, colored RGB modules and the extremely bright LINEARlight Power Flex Protect, offers maximum flexibility either in facade and contour lighting or for diffusing and transparent displays.