



**NEW
RANGE**

Setting accents is easy.

LED lamps in classic shapes for easy replacement.

SEE THE WORLD IN A NEW LIGHT

OSRAM





Innovation made by OSRAM: PARATHOM® CLASSIC A 40 – the first LED lamp that can be used as a direct replacement for a conventional 40W incandescent lamp.

LEDs add fascination to general lighting.

Innovative LED lamps from OSRAM provide modern attractive light. Thanks to their classic lamp shapes they look as good as incandescent and halogen lamps but steal the show in terms of their efficiency and eco-friendliness. They consume very little energy and contain no mercury at all. They also last an extremely long time so cut down considerably on waste.

LEDs are not only suitable for general lighting tasks, they are ideal for accent, mood and effect lighting. And best of all, our LED lamps are equipped with standard bases so you do not have to change your luminaires – just take out the old lamps and insert the new. It is fascinating what these tiny all-rounders can do.

So many benefits, so many possibilities – simply by replacing your lamps.

LEDs are superior to conventional light sources in many respects. They are extremely compact, robust and vibration-proof. They provide light in any color and produce very little heat. And thanks to their exceptionally low power consumption and impressive durability they are particularly economical and eco-friendly.

OSRAM ensures that everyone can now benefit from this innovative technology. Our LED lamps look like classic incandescent or halogen lamps and are just as easy to use. Simply replacing your lamps with LED lamps means that LED light can now be used in a wide range of domestic and commercial applications. You too can benefit from our enormous innovative range featuring many different shapes and bases.

Modern light is now affordable for everyone.

Widespread use of efficient energy-saving light sources in the domestic and commercial sectors is worthwhile not just for individual users. With modern lamps and systems you can also make an active contribution to minimizing the impact on the environment. Our extremely durable and efficient LED lamps reduce CO₂ emissions considerably and therefore actively counter the greenhouse effect. See for yourself!

The future is here.

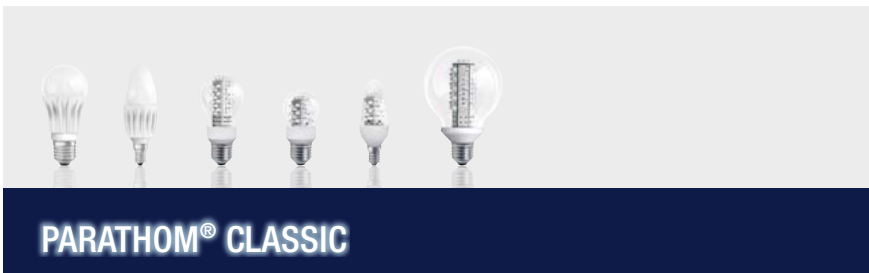
Nowhere do you have more space and opportunity to impose your personality and taste on your surroundings than in your own four walls. Stylish furniture, modern art on the walls, a cozy party room and a beautifully tended garden all need lighting that enhances the particular atmosphere. The innovative LED lamps from OSRAM offer so many options for modern individual energy-efficient lighting throughout the home.



Contemporary lighting for modern interior design. With the new PARATHOM® CLASSIC A and CLASSIC B instead of conventional 40 or 25 W incandescent lamps, elegant interiors are made even more attractive.

Left:
PARATHOM® reflector lamps create special accents for decorative highlights.

Right:
Everything under control. DULED® provides energy-saving background lighting or orientation lighting at night.



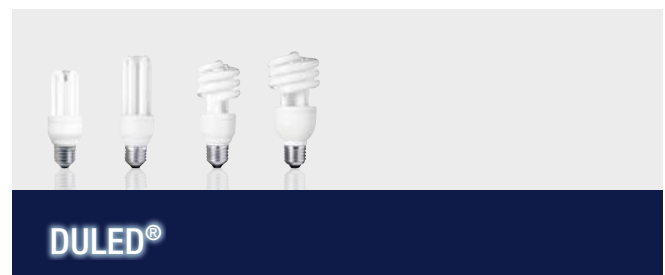
Simply replace to enjoy warm white light – and save at the same time.

PARATHOM® CLASSIC lamps are impressive for their extremely long average lamp life of up to 25,000 hours and their exceptionally economical energy consumption of only around 0.5 to 8W. Thanks to the fact that they have the same shapes and standard bases as conventional incandescent lamps they can be used as direct replacements up to 40W. With their warm white light, PARATHOM® CLASSIC lamps create a pleasant atmosphere throughout the home and even in some cases outdoors.



Create a modern look.

PARATHOM® Reflector lamps can be used to create durable lighting effects in warm white or cold white light. Because there is no UV in the light and because they emit very little heat they are ideal for gentle spotlighting of pictures, objects, plants and bushes. And with their different beam angles they can easily adapt to individual circumstances.



Two lamps in one.

As a compact fluorescent lamp with an integrated LED, DULED® uniquely combines the benefits of both technologies in a single lamp. It is ideal for corridors, living rooms, bedrooms and children's rooms. With its white LEDs, DULED® acts as a night light or orientation light in LED mode, and as a bright and efficient background light in energy-saving lamp mode. These different modes can be selected by simply operating the light switch.

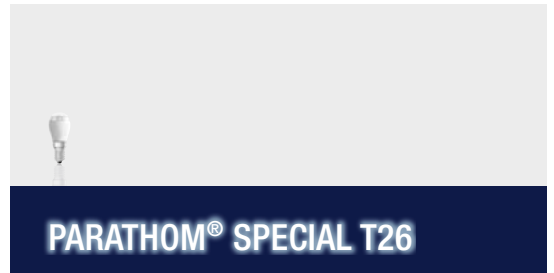
*In the mood: PARATHOM® DECO
always creates the right atmosphere
with different light colors.*



PARATHOM® DECO

Color your world.

For special accents and atmosphere in the home or garden there are PARATHOM® lamps in white, red, yellow, green, and blue light colors and also in a color-changing version. The color-changing version features saturated colors and smooth flowing transitions. Its innovative Color-Stop technology enables the lamp to be stopped at any color simply by double-clicking the light switch. The extremely efficient PARATHOM® DECO lamps, in either classic bulb or reflector shapes, will enhance any setting.



PARATHOM® SPECIAL T26

The specialists for household appliances.

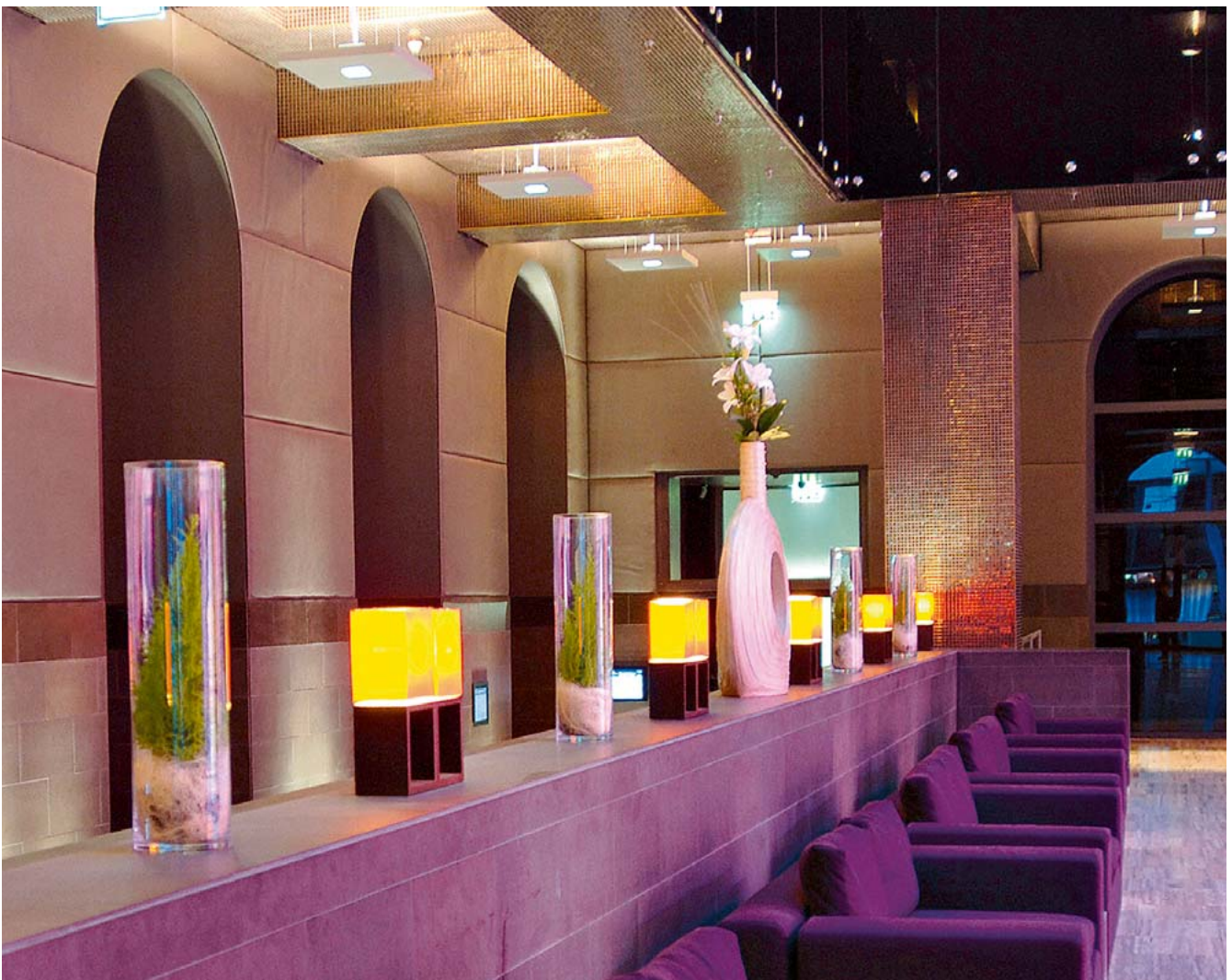
PARATHOM® Special T26 lamps replace conventional 15W T26 incandescent lamps in a wide range of household appliances, from refrigerators to sewing machines. They consume very little energy (only 1 W), have a long life and are extremely kind to the environment as they contain no mercury at all. And their Daylight color is such a clear light that they are ideal for these applications.



Light to suit your mood. PARATHOM® DECO lamps create a highly personal atmosphere.

Modern light is not a luxury.

From private guest houses to grand hotels, from humble inns to noble restaurants, from saloons to designer wine bars, their long-term success depends on consistent high quality, excellent levels of service, a certain indefinable something and an individual style. Individual and attractive lighting – such as lighting from the new LED lamps from OSRAM – is a simple but effective way of presenting the business in the best possible light.



Modern service: With innovative LED lamps from OSRAM guests and visitors can always expect the highest levels of enjoyment and comfort.



**PARATHOM® CLASSIC AND REFLECTOR
(HIGH VOLTAGE)**

Light as a calling card.

Innovative PARATHOM® CLASSIC and Reflector LED lamps provide the basis for prestigious lighting solutions. In reception areas in particular, such as hotel foyers and restaurant entrances, and also in hotel rooms this energy-saving general lighting and spotlighting is not only attractive but also economical. PARATHOM® CLASSIC and the reflector lamps provide pleasant warm white or cold white light.



DULED®

Feel at home.

Bright energy-saving general lighting throughout the day, and practical orientation light during the night – the DULED® 2-in-1 lamps bring greater economy, comfort and safety to hotels and guest houses. Users save electricity and money, while guests feel more comfortable in strange surroundings and settle in more quickly. The different modes can be selected by simply operating the light switch.



PARATHOM® MR16 20 (LOW VOLTAGE)

Pioneering.

As downlights for marking walkways or doorways, PARATHOM® MR16 20 lamps are an innovative alternative to low voltage halogen reflector lamps with GU5.3 bases. With a power consumption of only 4.5 W, they put halogen lamps firmly in the shade in terms of economy.



Luminaires with PARATHOM® CLASSIC lamps create an individual and welcoming atmosphere.

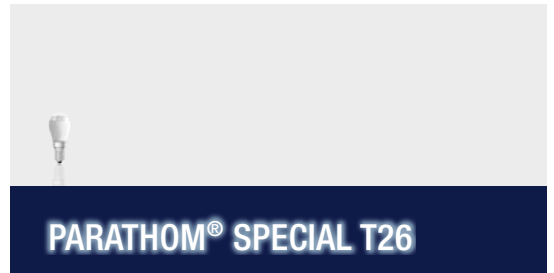
Guests feel relaxed: restaurant lighting with PARATHOM® DECO.



PARATHOM® DECO

Light to enjoy.

PARATHOM® DECO lamps in hotel rooms provide effective and atmospheric lighting in joyous color. And the mood can be changed in no time at all. These innovative LED lamps in classic bulb and reflector shapes are available in four or five colors and with E14 or E27 screw bases. Color-changing versions of the lamps create special interest with their fascinating smooth and perfectly synchronized color transitions. Thanks to innovative Color-Stop technology they can easily be stopped at any color. Garlands equipped with PARATHOM® DECO CLASSIC lamps will instantly turn outdoor areas into colorful open-air venues.



PARATHOM® SPECIAL T26

The economical specialist.

PARATHOM® Special T26 lamps replace conventional 15W T26 incandescent lamps in refrigerators. With their clear Daylight color they are ideal for such applications. They consume very little energy (only 1 W), have a long life and are extremely kind to the environment as they contain no mercury at all.



The colored light of PARATHOM® DECO lamps add atmosphere to any room.

Light as an attracting element.

It is not just the interiors of offices, hotels, restaurants, leisure centers and festival marquees that are important. The façades have a huge influence on the impression made on customers, guests and visitors. Modern lighting contributes to greater success and respect. The new LED lamps from OSRAM offer exceptional opportunities for creating effective and efficient lighting to set you apart from your competitors and from your surroundings.



Impressive for visitors and operators: PARATHOM® lamps are part of the attraction at leisure parks and festivals. They are available in classic shapes, as reflector lamps and as special lamps for particularly demanding applications.

Whether you want classic lines or modern architecture, PARATHOM® R50 lamps will give any house an impressive look.
Photo: RZB GmbH

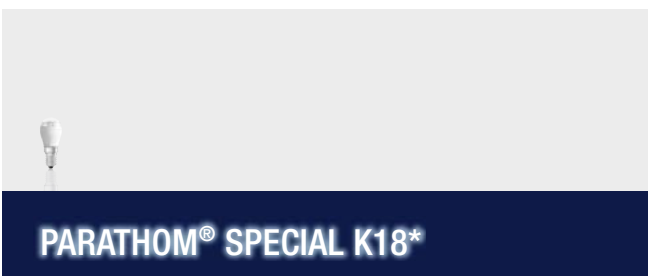


Room for special effects.

The façade is the calling card of any building and has a major influence on how a company is perceived. PARATHOM® Reflector lamps are perfect for providing façade lighting that is both effective and energy-saving. These high-intensity LED light sources are equipped with robust, shockproof and vibration-proof plastic or metal housings. Their precise directable white or colored light is ideal for emphasizing shapes and colors.

Spectacular possibilities.

Constant energy-saving lighting and colorful effects are equally important at festivals and in leisure parks. PARATHOM® CLASSIC and DECO CLASSIC lamps cover a wide range of possible applications for spectacular background, accent and effect lighting. They can be used on rides, on façades or in garlands – you are limited only by your imagination. These innovative LED lamps offer very high energy efficiency, resistance to vibration and extremely long life.



The economical solution.

The PARATHOM® Special K18 LED lamps are precisely tailored to the demands of the entertainment industry and are ideal replacements for conventional incandescent lamps. With a power draw of only 1 W they are extremely energy-efficient and are impressive light sources both indoors and outdoors because of their robust design and long life. The new PARATHOM® Special K18 saves on costs, not on light.



* Available from 2010.

Light for stunning displays.

Modern attractive lighting is especially important in the retail sector. Retailers who present their shops and their products in the best possible light can expect more customers and higher sales. The right lighting does more than just attract more people to boutiques. It can also present art in such a way that it can be appreciated by more people.



In large shop windows or small displays, PARATHOM® PAR16 lamps present every object in the best light. Because there is no UV in the light and because they emit very little heat they protect merchandise and exhibits from UV bleaching and deformation, helping to maintain their value.

Left:
PARATHOM® PAR16 10 lamps ensure that goods are tastefully presented – including food.

Right:
PARATHOM® MR16 20 lamps are highly attractive, long-life energy-saving alternatives to low voltage halogen lamps.



More ordered. More impressive.

Precise lighting can create special accents and highlight individual products or zones to great effect. These reflector lamps are ideal for this type of modern display in shop windows, retail outlets and shelving. The PAR16 10 lamps are perfect for spotlighting over short distances. PAR16 20 and R50 lamps are suitable for use over large distances thanks to their higher output and narrower beam angles of 20° and 15°.

PARATHOM® DECO PAR16 lamps are available in different colors so they can be used intelligently to bring greater clarity to product displays. Product zones can be lit in different colors to provide clear visual separation. And because there is no UV component in their light and they produce less heat than conventional lamps, these innovative LED reflector lamps protect materials and colors. This is of great benefit for a wide variety of products, including food and plants.

The lamps can also demonstrate all their strengths and possibilities in museums and exhibitions, either for spotlighting paintings and other works of art with white reflector lamps or for effectively presenting the rooms themselves. KIT LED Pro for PARATHOM® PAR16 20, the directable, round or square luminaire insert made of brushed aluminum with intelligent Twist&Lock technology is particularly suitable here.

Greater orientation for visitors.

In department stores, museums, exhibition rooms and concert halls PARATHOM® MR16 20 lamps help people find their way around quickly and safely. In modern downlights for marking corridors, stairs, doorways and other walkways these attractive retrofit lamps are an innovative alternative to halogen lamps with GU5.3 bases because they consume far less energy and last much longer.



Modern art: With PARATHOM® R50 lamps even the smallest exhibition becomes a major event.

WHITE LED LAMPS FOR GENERAL LIGHTING



PARATHOM® CLASSIC A, B, P and PARATHOM® GLOBE

Singly or in groups, free-burning or in semi-transparent luminaires, for indoors or outdoors – with the PARATHOM® CLASSIC and GLOBE families it is now very easy to provide pleasant contemporary light. Thanks to a variety of lamp shapes and conventional bases (E27 and E14) these innovative energy-saving LED lamps with their warm white or cold white light can be used almost anywhere – as simple direct replacements for standard incandescent lamps up to 40W.

- Professional LED lamps for high voltage with E14 and E27 bases
- Very low energy consumption (approx. 1.6 to 8W)
- Average lamp life is 25,000 hours, corresponding to around 25 years at about 2.7 hours per day
- PARATHOM® CLASSIC A40 and B25 with OSRAM Golden DRAGON® LEDs
- Low thermal output with no UV/IR
- Shockproof and vibration-proof thanks to plastic and metal casings
- Classic incandescent lamp design
- Suitable for indoors and outdoors (PARATHOM® CLASSIC 15)
- Not suitable for use with dimmers
- Instant full output, no delay



PARATHOM® PAR16 20 and R50 25

Ideal for accent lighting, PARATHOM® reflector lamps will fit in almost any standard luminaires thanks to their E14, E27 and GU10 bases. With their extremely low energy consumption and long life, they are setting new standards in environmentally friendly lighting and are ideal for economical permanent lighting in domestic and commercial applications.

- PARATHOM® PAR16: professional LED lamps (approx. 4W) for high voltage with popular E27 and GU10 bases
- PARATHOM® R50: professional LED lamp for high voltage with E14 base
- Very low energy consumption
- Extremely long life
- Equipped with the even more efficient OSRAM High-Power Golden DRAGON® LEDs
- No UV or IR radiation in the light beam
- Shockproof and vibration-proof thanks to plastic and metal casings
- Efficient generation of white light
- Professional thermal management
- Not suitable for use with dimmers
- Extravagant unmistakable OSRAM design
- Instant full output, no delay



PARATHOM® MR16 20

This attractive retrofit lamp with its GU5.3 base will fit wherever only a low voltage halogen reflector lamp with the same base can normally be used. PARATHOM® MR16 20 has a lower power consumption and much longer life than halogen lamps.

- Professional LED lamp as a 12V version with GU5.3 base
- Very low energy consumption
- Extremely long life
- Equipped with high-efficiency OSRAM High-Power Golden DRAGON® LEDs
- No UV or IR radiation in the light beam
- Shockproof and vibration-proof
- Efficient generation of white light
- Operated with conventional control gear
- Not suitable for use with dimmers



DULED®

DULED® is a combination of energy-saving lamp and innovative LED technology so it covers various lighting requirements without the need for additional light sources. In energy-saving mode it can be used for general lighting, and in LED mode as a night light, orientation light or background light. A standard light switch is used to switch from one mode to the other.

- 2 in1: energy-saving and LED lamp with E27 base as a replacement for ordinary incandescent lamps for high voltage
- Average lamp life is 6,000 hours, corresponding to around 6 years at about 2.7 hours per day
- Very low energy consumption in LED mode
- Not suitable for use with dimmers
- Nightlight mode can be selected using a standard light switch



PARATHOM® DECO CLASSIC

With PARATHOM® DECO CLASSIC it is very easy to vary the mood. Its colored light will quickly create the right atmosphere in individual luminaires or garlands either indoors or outdoors. With their E14 or E27 bases and classic shapes they are direct replacements for conventional colored incandescent lamps up to 25W.

- LED lamps for high voltage with E14 and E27 bases
- Very low energy consumption (approx. 0.5 to 3W)
- Average lamp life is 25,000 hours, corresponding to around 25 years at about 2.7 hours per day
- With tried and tested OSRAM LEDs: Advanced Power TOPLED® and 6-lead MULTILED® for efficient generation of red, green, blue, yellow or color-changing light
- PARATHOM® DECO CLASSIC A, B, P FR warm white, frosted:
Equipped with OSRAM Golden DRAGON® LEDs
- Low thermal output
- Shockproof and vibration-proof thanks to LED technology and the plastic housing
- Classic incandescent lamp design for a relaxing atmosphere
- Suitable for indoors and outdoors
- Not suitable for use with dimmers
- The color-changing version features innovative Color-Stop technology for stopping the color changes at a particular color



PARATHOM® DECO PAR16 10, PAR16 20, R50 40 and DECOSPOT® LED

In shops, museums and homes, the colored light from OSRAM PARATHOM® DECO reflector lamps create atmospheric accents.

- PARATHOM® DECO PAR16: professional LED lamps (approx. 2 and 4 W) for high voltage with popular E27 and GU10 bases
- PARATHOM® DECO R50: professional LED lamp for high voltage with E14 base in unmistakable OSRAM design
- DECOSPOT® LED: for high voltage with E14 and GU10 bases
- Very low energy consumption
- Average lamp life is 20,000 hours, corresponding to around 20 years at about 2.7 hours per day
- PARATHOM® DECO: OSRAM High-Power Golden DRAGON® LEDs for efficient generation of white, red, blue, green and yellow light in saturated colors (except DECOSPOT® LED)
- No UV or IR radiation in the light beam
- Shockproof and vibration-proof
- Not suitable for use with dimmers



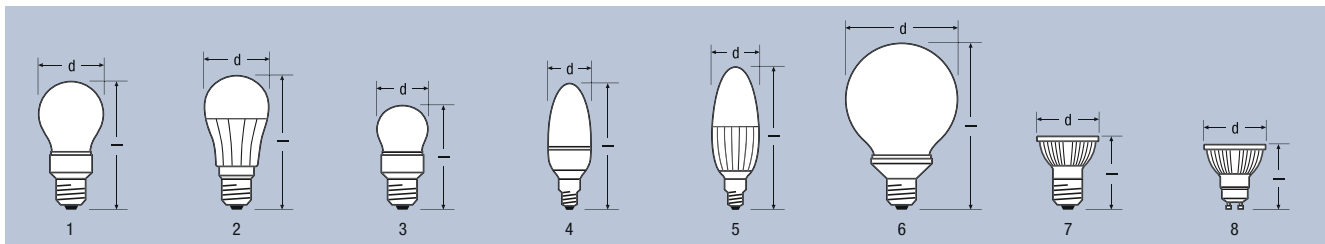
PARATHOM® Spezial T26 and K18*







The two specialists among OSRAM LED lamps: PARATHOM® Spezial T26 with its Daylight color is ideal for use in refrigerators or sewing machines. And the robust outdoor-compatible PARATHOM® Spezial K18 is the most economical solution for the entertainment industry.

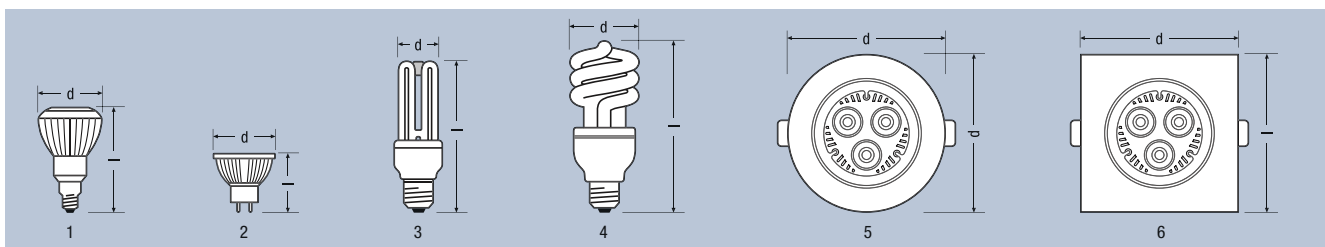
- Very low energy consumption (approx. 1 W)
- Long life
- Shockproof and vibration-proof
- Extremely small dimensions
- Suitable for use indoors or outdoors
- Not suitable for use with dimmers

* Available from 2010.

TECHNICAL DATA – WHITE LED LAMPS FOR GENERAL LIGHTING



| Product reference | Product number (EAN) |  | W ¹ | lm ¹ | cd ¹ |  |  |  |  |  | |
|--|----------------------|---|----------------|-----------------|-----------------|---|---|---|---|---|--|
| PARATHOM® CLASSIC A 15 – E27 – 100–240 V | | | | | | | | | | | |
| 80059 (Box) | 4008321929273 | cool white | 2 | 117 | – | – | 109 | 55 | 10 | 1 | |
| 80059-01 (Blister) | 4008321930231 | cool white | 2 | 117 | – | – | 109 | 55 | 6 | 1 | |
| 80061 (Box) | 4008321925329 | warm white | 2 | 132 | – | – | 109 | 55 | 10 | 1 | |
| 80061-01 (Blister) | 4008321925343 | warm white | 2 | 132 | – | – | 109 | 55 | 6 | 1 | |
| NEW PARATHOM® CLASSIC A 40 – E27 – 100–240 V | | | | | | | | | | | |
| CL A 40 WW (Box) | 4008321952066 | warm white | 8 | 345 | – | – | 113 | 55 | 10 | 2 | |
| CL A 40 WW (Eco-blister) | 4008321952028 | warm white | 8 | 345 | – | – | 113 | 55 | 6 | 2 | |
| PARATHOM® CLASSIC P 15 – E27 – 100–240 V | | | | | | | | | | | |
| 80087 (Box) | 4008321929297 | cool white | 1.6 | 70 | – | – | 90 | 45 | 10 | 3 | |
| 80087-01 (Blister) | 4008321930255 | cool white | 1.6 | 70 | – | – | 90 | 45 | 6 | 3 | |
| 80089 (Box) | 4008321925367 | warm white | 1.6 | 80 | – | – | 90 | 45 | 10 | 3 | |
| 80089-01 (Blister) | 4008321925381 | warm white | 1.6 | 80 | – | – | 90 | 45 | 6 | 3 | |
| PARATHOM® CLASSIC B 15 – E14 – 100–240 V | | | | | | | | | | | |
| 80094 (Box) | 4008321929310 | cool white | 1.6 | 70 | – | – | 104 | 35 | 10 | 4 | |
| 80094-01 (Blister) | 4008321930279 | cool white | 1.6 | 70 | – | – | 104 | 35 | 6 | 4 | |
| 80096 (Box) | 4008321925404 | warm white | 1.6 | 80 | – | – | 104 | 35 | 10 | 4 | |
| 80096-01 (Blister) | 4008321925428 | warm white | 1.6 | 80 | – | – | 104 | 35 | 6 | 4 | |
| NEW PARATHOM® CLASSIC B 25 – E14 – 100–240 V | | | | | | | | | | | |
| CL B 25 WW (Box) | 4008321952202 | warm white | 5 | 170 | – | – | 117 | 40 | 10 | 5 | |
| CL B 25 WW (Eco-blister) | 4008321952189 | warm white | 5 | 170 | – | – | 117 | 40 | 6 | 5 | |
| PARATHOM® CLASSIC GLOBE 95 15 – E27 – 100–240 V | | | | | | | | | | | |
| 80845 (Box) | 4008321929334 | cool white | 3 | 165 | – | – | 142 | 95 | 10 | 6 | |
| 80845-01 (Blister) | 4008321930293 | cool white | 3 | 165 | – | – | 142 | 95 | 6 | 6 | |
| 80846 (Box) | 4008321929358 | warm white | 3 | 165 | – | – | 142 | 95 | 10 | 6 | |
| 80846-01 (Blister) | 4008321930316 | warm white | 3 | 165 | – | – | 142 | 95 | 6 | 6 | |
| PARATHOM® PAR16 20 – E27 – 100–240 V | | | | | | | | | | | |
| 80321 (Box) | 4008321929211 | cool white | 4 | – | 370 | 20 | 64 | 50 | 10 | 7 | |
| 80321-01 (Blister) | 4008321930170 | cool white | 4 | – | 370 | 20 | 64 | 50 | 6 | 7 | |
| 80322 (Box) | 4008321924728 | warm white | 4 | – | 350 | 20 | 64 | 50 | 10 | 7 | |
| 80322-01 (Blister) | 4008321924827 | warm white | 4 | – | 350 | 20 | 64 | 50 | 6 | 7 | |
| PARATHOM® PAR16 20 – GU10 – 100–240 V | | | | | | | | | | | |
| 80327 (Box) | 4008321929235 | cool white | 4 | – | 370 | 20 | 56 | 50 | 10 | 8 | |
| 80327-01 (Blister) | 4008321930194 | cool white | 4 | – | 370 | 20 | 56 | 50 | 6 | 8 | |
| 80328 (Box) | 4008321924926 | warm white | 4 | – | 350 | 20 | 56 | 50 | 10 | 8 | |
| 80328-01 (Blister) | 4008321925022 | warm white | 4 | – | 350 | 20 | 56 | 50 | 6 | 8 | |



Product reference

Product number (EAN)



W¹

lm¹

cd¹



l
[mm]

d
[mm]



No.

PARATHOM® R50 25 – E14 – 230 V

| | | | | | | | | | | |
|--------------------|-----------------------|------------|-----|---|------|----|----|------|----|---|
| 80333 (Box) | 4008321 929259 | cool white | 5.5 | – | 1000 | 15 | 87 | 53.5 | 10 | 1 |
| 80333-01 (Blister) | 4008321 930217 | cool white | 5.5 | – | 1000 | 15 | 87 | 53.5 | 6 | 1 |
| 80334 (Box) | 4008321 925121 | warm white | 5.5 | – | 750 | 15 | 87 | 53.5 | 10 | 1 |
| 80334-01 (Blister) | 4008321 925220 | warm white | 5.5 | – | 750 | 15 | 87 | 53.5 | 6 | 1 |

NEW

PARATHOM® MR16 20 – GU5.3 – 12 V

| | | | | | | | | | | |
|------------------|-----------------------|------------|-----|---|-----|----|----|----|---|---|
| MR16 20 WW (Box) | 4008321 951908 | warm white | 4.5 | – | 400 | 36 | 48 | 50 | 6 | 2 |
|------------------|-----------------------|------------|-----|---|-----|----|----|----|---|---|

DULED® – E27 – 220–240 V

| | | | | | | | | | | |
|------------------------|-----------------------|----------------|--------|-------|---|---|-----|----|----|---|
| 80300 (Box) | 4008321 202314 | 827/warm white | 8/0.3 | 400/3 | – | – | 117 | 42 | 10 | 3 |
| 80300-01 (Eco-blister) | 4008321 202284 | 827/warm white | 8/0.3 | 400/3 | – | – | 117 | 42 | 6 | 3 |
| 80302 (Box) | 4008321 222350 | 827/warm white | 12/0.3 | 620/3 | – | – | 131 | 42 | 10 | 3 |
| 80302-01 (Eco-blister) | 4008321 222381 | 827/warm white | 12/0.3 | 620/3 | – | – | 131 | 42 | 6 | 3 |

NEW

DULED® TWIST – E27 – 220–240 V

| | | | | | | | | | | |
|------------------------|-----------------------|----------------|--------|--------|---|---|-----|----|----|---|
| 80305 (Box) | 4008321 929372 | 827/warm white | 15/0.3 | 800/3 | – | – | 123 | 51 | 10 | 4 |
| 80305-01 (Eco-blister) | 4008321 930330 | 827/warm white | 15/0.3 | 800/3 | – | – | 123 | 51 | 6 | 4 |
| 80306 (Box) | 4008321 929396 | 827/warm white | 21/0.3 | 1200/3 | – | – | 151 | 60 | 10 | 4 |
| 80306-01 (Eco-blister) | 4008321 930354 | 827/warm white | 21/0.3 | 1200/3 | – | – | 151 | 60 | 6 | 4 |

NEW

KIT LED Pro for PARATHOM® PAR16 20 – GU10 – 230 V

| | | | | | | | | | | |
|---------------------|-----------------------|------------|---|---|-----|----|----|----|---|---|
| KIT LED PRO R BR NI | 4008321 398789 | warm white | 4 | – | 350 | 20 | – | 91 | 6 | 5 |
| KIT LED PRO S BR NI | 4008321 399021 | warm white | 4 | – | 350 | 20 | 91 | 91 | 6 | 6 |

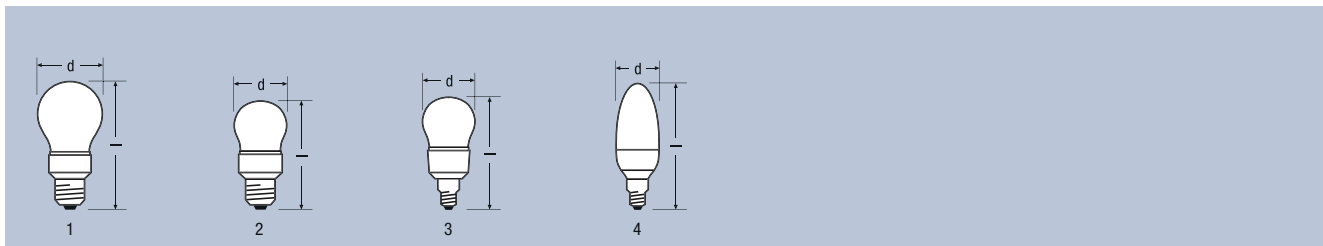
- Incl. 1x PARATHOM® PAR16 20 GU10 WW
- Adjustable

- Round or square
- Brushed nickel

- Twist&Lock
- Life of 15,000 h

¹ All the technical parameters apply to the entire lamp. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

TECHNICAL DATA – LED LAMPS FOR EFFECT LIGHTING



Product reference

Product number (EAN)



W¹

lm¹

cd¹



l [mm]

d [mm]



PARATHOM® DECO CLASSIC A – E27 – 100–240 V

| | Product reference | Product number (EAN) | cc/color-stop | W ¹ | lm ¹ | cd ¹ | Beam angle ¹ | l [mm] | d [mm] | Box | No. |
|-----|---------------------------|----------------------|---------------|----------------|-----------------|-----------------|-------------------------|--------|--------|-----|-----|
| NEW | DECO CL A CC (Box) | 4008321918253 | cc/color-stop | 0.5 | – | – | – | 109 | 55 | 10 | 1 |
| NEW | DECO CL A CC (Blister) | 4008321918307 | cc/color-stop | 0.5 | – | – | – | 109 | 55 | 6 | 1 |
| | 80062 (Box) | 4008321918260 | blue | 1.2 | 2 | – | – | 109 | 55 | 10 | 1 |
| | 80062-01 (Blister) | 4008321918314 | blue | 1.2 | 2 | – | – | 109 | 55 | 6 | 1 |
| | 80063 (Box) | 4008321918277 | green | 1.2 | 8 | – | – | 109 | 55 | 10 | 1 |
| | 80063-01 (Blister) | 4008321918321 | green | 1.2 | 8 | – | – | 109 | 55 | 6 | 1 |
| | 80064 (Box) | 4008321918284 | red | 1 | 8 | – | – | 109 | 55 | 10 | 1 |
| | 80064-01 (Blister) | 4008321918338 | red | 1 | 8 | – | – | 109 | 55 | 6 | 1 |
| | 80065 (Box) | 4008321918291 | yellow | 1 | 5 | – | – | 109 | 55 | 10 | 1 |
| | 80065-01 (Blister) | 4008321918345 | yellow | 1 | 5 | – | – | 109 | 55 | 6 | 1 |
| NEW | DECO CL A WW FR (Box) | 4008321951823 | warm white | 2 | 50 | – | – | 109 | 55 | 10 | 1 |
| NEW | DECO CL A WW FR (Blister) | 4008321951748 | warm white | 2 | 50 | – | – | 109 | 55 | 6 | 1 |

PARATHOM® DECO CLASSIC P – E27 – 100–240 V

| | Product reference | Product number (EAN) | cc/color-stop | W ¹ | lm ¹ | cd ¹ | Beam angle ¹ | l [mm] | d [mm] | Box | No. |
|-----|------------------------|----------------------|---------------|----------------|-----------------|-----------------|-------------------------|--------|--------|-----|-----|
| NEW | DECO CL P CC (Box) | 4008321922427 | cc/color-stop | 0.5 | – | – | – | 90 | 45 | 10 | 2 |
| NEW | DECO CL P CC (Blister) | 4008321922526 | cc/color-stop | 0.5 | – | – | – | 90 | 45 | 6 | 2 |
| | 80090 (Box) | 4008321922441 | blue | 1.2 | 2 | – | – | 90 | 45 | 10 | 2 |
| | 80090-01 (Blister) | 4008321922540 | blue | 1.2 | 2 | – | – | 90 | 45 | 6 | 2 |
| | 80091 (Box) | 4008321922465 | green | 1.2 | 8 | – | – | 90 | 45 | 10 | 2 |
| | 80091-01 (Blister) | 4008321922564 | green | 1.2 | 8 | – | – | 90 | 45 | 6 | 2 |
| | 80092 (Box) | 4008321922489 | red | 1 | 8 | – | – | 90 | 45 | 10 | 2 |
| | 80092-01 (Blister) | 4008321922588 | red | 1 | 8 | – | – | 90 | 45 | 6 | 2 |
| | 80093 (Box) | 4008321922502 | yellow | 1 | 5 | – | – | 90 | 45 | 10 | 2 |
| | 80093-01 (Blister) | 4008321922601 | yellow | 1 | 5 | – | – | 90 | 45 | 6 | 2 |

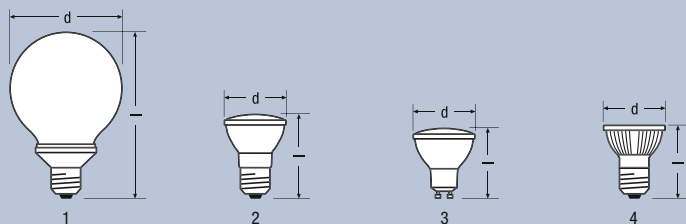
PARATHOM® DECO CLASSIC P FR – E14 – 100–240 V

| | | | | | | | | | | | |
|--|---------------------------|---------------|------------|---|----|---|---|----|----|----|---|
| | DECO CL P WW FR (Box) | 4008321951861 | warm white | 2 | 50 | – | – | 93 | 45 | 10 | 3 |
| | DECO CL P WW FR (Blister) | 4008321951786 | warm white | 2 | 50 | – | – | 93 | 45 | 6 | 3 |

PARATHOM® DECO CLASSIC B – E14 – 100–240 V

| | Product reference | Product number (EAN) | cc/color-stop | W ¹ | lm ¹ | cd ¹ | Beam angle ¹ | l [mm] | d [mm] | Box | No. |
|-----|---------------------------|----------------------|---------------|----------------|-----------------|-----------------|-------------------------|--------|--------|-----|-----|
| NEW | DECO CL B CC (Box) | 4008321922625 | cc/color-stop | 0.5 | – | – | – | 104 | 35 | 10 | 4 |
| NEW | DECO CL B CC (Blister) | 4008321922724 | cc/color-stop | 0.5 | – | – | – | 104 | 35 | 6 | 4 |
| | 80097 (Box) | 4008321922649 | blue | 1.2 | 2 | – | – | 104 | 35 | 10 | 4 |
| | 80097-01 (Blister) | 4008321922748 | blue | 1.2 | 2 | – | – | 104 | 35 | 6 | 4 |
| | 80098 (Box) | 4008321922663 | green | 1.2 | 8 | – | – | 104 | 35 | 10 | 4 |
| | 80098-01 (Blister) | 4008321922762 | green | 1.2 | 8 | – | – | 104 | 35 | 6 | 4 |
| | 80099 (Box) | 4008321922687 | red | 1 | 8 | – | – | 104 | 35 | 10 | 4 |
| | 80099-01 (Blister) | 4008321922786 | red | 1 | 8 | – | – | 104 | 35 | 6 | 4 |
| | 80100 (Box) | 4008321922700 | yellow | 1 | 5 | – | – | 104 | 35 | 10 | 4 |
| | 80100-01 (Blister) | 4008321922809 | yellow | 1 | 5 | – | – | 104 | 35 | 6 | 4 |
| NEW | DECO CL B WW FR (Box) | 4008321951847 | warm white | 2 | 50 | – | – | 104 | 35 | 10 | 4 |
| NEW | DECO CL B WW FR (Blister) | 4008321951762 | warm white | 2 | 50 | – | – | 104 | 35 | 6 | 4 |

¹ All the technical parameters apply to the entire lamp. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.



Product reference

Product number (EAN)



W¹

lm¹

cd¹



l [mm]

d [mm]



PARATHOM® DECO GLOBE 95 – E27 – 100–240 V

| Product reference | Product number (EAN) | Color | W ¹ | lm ¹ | cd ¹ | Beam angle | l [mm] | d [mm] | Box | Light bulb icon |
|-----------------------|----------------------|-------------|----------------|-----------------|-----------------|------------|--------|--------|-----|-----------------|
| DECO G95 CC (Box) | 4008321925442 | colorchange | 1 | – | – | – | 142 | 95 | 10 | 1 |
| DECO G95 CC (Blister) | 4008321925541 | colorchange | 1 | – | – | – | 142 | 95 | 6 | 1 |
| 80341 (Box) | 4008321925466 | blue | 1.8 | 4 | – | – | 142 | 95 | 10 | 1 |
| 80341-01 (Blister) | 4008321925602 | blue | 1.8 | 4 | – | – | 142 | 95 | 6 | 1 |
| 80342 (Box) | 4008321925480 | green | 1.8 | 16 | – | – | 142 | 95 | 10 | 1 |
| 80342-01 (Blister) | 4008321925640 | green | 1.8 | 16 | – | – | 142 | 95 | 6 | 1 |
| 80343 (Box) | 4008321925503 | red | 1.4 | 16 | – | – | 142 | 95 | 10 | 1 |
| 80343-01 (Blister) | 4008321925589 | red | 1.4 | 16 | – | – | 142 | 95 | 6 | 1 |
| 80344 (Box) | 4008321925527 | yellow | 1.4 | 10 | – | – | 142 | 95 | 10 | 1 |
| 80344-01 (Blister) | 4008321925565 | yellow | 1.4 | 10 | – | – | 142 | 95 | 6 | 1 |

PARATHOM® DECO PAR16 10 – E27 – 100–240 V

| | | | | | | | | | | |
|--------------------|---------------|------------|-----|---|-----|----|----|----|----|---|
| 80309 (Box) | 4008321929174 | cool white | 2 | – | 170 | 20 | 74 | 50 | 10 | 2 |
| 80309-01 (Blister) | 4008321930132 | cool white | 2 | – | 170 | 20 | 74 | 50 | 6 | 2 |
| 80310 (Box) | 4008321924322 | warm white | 2 | – | 100 | 20 | 74 | 50 | 10 | 2 |
| 80310-01 (Blister) | 4008321924421 | warm white | 2 | – | 100 | 20 | 74 | 50 | 6 | 2 |
| 80311 (Box) | 4008321924346 | blue | 2 | – | 75 | 20 | 74 | 50 | 10 | 2 |
| 80311-01 (Blister) | 4008321924445 | blue | 2 | – | 75 | 20 | 74 | 50 | 6 | 2 |
| 80312 (Box) | 4008321924360 | green | 2 | – | 143 | 20 | 74 | 50 | 10 | 2 |
| 80312-01 (Blister) | 4008321924469 | green | 2 | – | 143 | 20 | 74 | 50 | 6 | 2 |
| 80313 (Box) | 4008321924384 | red | 1.5 | – | 163 | 20 | 74 | 50 | 10 | 2 |
| 80313-01 (Blister) | 4008321924483 | red | 1.5 | – | 163 | 20 | 74 | 50 | 6 | 2 |
| 80314 (Box) | 4008321924407 | yellow | 1.5 | – | 60 | 20 | 74 | 50 | 10 | 2 |
| 80314-01 (Blister) | 4008321924506 | yellow | 1.5 | – | 60 | 20 | 74 | 50 | 6 | 2 |

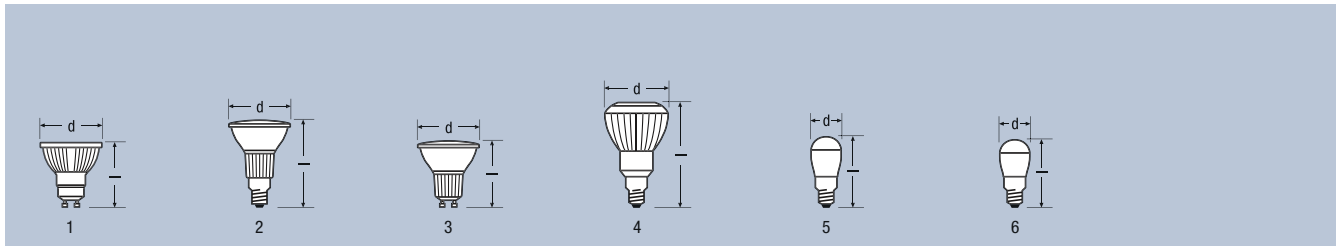
PARATHOM® DECO PAR16 10 – GU10 – 100–240 V







| | | | | | | | | | | |
|--------------------|---------------|------------|-----|---|-----|----|----|----|----|---|
| 80315 (Box) | 4008321929198 | cool white | 2 | – | 170 | 20 | 60 | 50 | 10 | 3 |
| 80315-01 (Blister) | 4008321930156 | cool white | 2 | – | 170 | 20 | 60 | 50 | 6 | 3 |
| 80316 (Box) | 4008321924520 | warm white | 2 | – | 100 | 20 | 60 | 50 | 10 | 3 |
| 80316-01 (Blister) | 4008321924629 | warm white | 2 | – | 100 | 20 | 60 | 50 | 6 | 3 |
| 80317 (Box) | 4008321924544 | blue | 2 | – | 75 | 20 | 60 | 50 | 10 | 3 |
| 80317-01 (Blister) | 4008321924643 | blue | 2 | – | 75 | 20 | 60 | 50 | 6 | 3 |
| 80318 (Box) | 4008321924568 | green | 2 | – | 143 | 20 | 60 | 50 | 10 | 3 |
| 80318-01 (Blister) | 4008321924667 | green | 2 | – | 143 | 20 | 60 | 50 | 6 | 3 |
| 80319 (Box) | 4008321924582 | red | 1.5 | – | 163 | 20 | 60 | 50 | 10 | 3 |
| 80319-01 (Blister) | 4008321924681 | red | 1.5 | – | 163 | 20 | 60 | 50 | 6 | 3 |
| 80320 (Box) | 4008321924605 | yellow | 1.5 | – | 60 | 20 | 60 | 50 | 10 | 3 |
| 80320-01 (Blister) | 4008321924704 | yellow | 1.5 | – | 60 | 20 | 60 | 50 | 6 | 3 |

PARATHOM® DECO PAR16 20 – E27 – 100–240 V

| | | | | | | | | | | |
|--------------------|---------------|--------|---|---|-----|----|----|----|----|---|
| 80323 (Box) | 4008321924742 | blue | 4 | – | 120 | 20 | 64 | 50 | 10 | 4 |
| 80323-01 (Blister) | 4008321924841 | blue | 4 | – | 120 | 20 | 64 | 50 | 6 | 4 |
| 80324 (Box) | 4008321924766 | green | 4 | – | 435 | 20 | 64 | 50 | 10 | 4 |
| 80324-01 (Blister) | 4008321924865 | green | 4 | – | 435 | 20 | 64 | 50 | 6 | 4 |
| 80325 (Box) | 4008321924780 | red | 3 | – | 215 | 20 | 64 | 50 | 10 | 4 |
| 80325-01 (Blister) | 4008321924889 | red | 3 | – | 215 | 20 | 64 | 50 | 6 | 4 |
| 80326 (Box) | 4008321924803 | yellow | 3 | – | 140 | 20 | 64 | 50 | 10 | 4 |
| 80326-01 (Blister) | 4008321924902 | yellow | 3 | – | 140 | 20 | 64 | 50 | 6 | 4 |

TECHNICAL DATA – LED LAMPS FOR EFFECT LIGHTING



| Product reference | Product number (EAN) |  | W ¹ | lm ¹ | cd ¹ |  |  |  |  |  |
|--|----------------------|---|----------------|-----------------|-----------------|---|---|---|---|---|
| PARATHOM® DECO PAR16 20 – GU10 – 100–240 V | | | | | | | | | | |
| 80329 (Box) | 4008321924940 | blue | 4 | – | 120 | 20 | 56 | 50 | 10 | 1 |
| 80329-01 (Blister) | 4008321925046 | blue | 4 | – | 120 | 20 | 56 | 50 | 6 | 1 |
| 80330 (Box) | 4008321924964 | green | 4 | – | 435 | 20 | 56 | 50 | 10 | 1 |
| 80330-01 (Blister) | 4008321925060 | green | 4 | – | 435 | 20 | 56 | 50 | 6 | 1 |
| 80331 (Box) | 4008321924988 | red | 3 | – | 215 | 20 | 56 | 50 | 10 | 1 |
| 80331-01 (Blister) | 4008321925084 | red | 3 | – | 215 | 20 | 56 | 50 | 6 | 1 |
| 80332 (Box) | 4008321925008 | yellow | 3 | – | 140 | 20 | 56 | 50 | 10 | 1 |
| 80332-01 (Blister) | 4008321925107 | yellow | 3 | – | 140 | 20 | 56 | 50 | 6 | 1 |
| DECOSPOT® LED PAR16 – E14 – 230–240 V | | | | | | | | | | |
| 80001 (Blister) | 4008321905550 | colorchange | 0.6–0.7 | – | 8.3–35 | 12 | 77 | 50.7 | 6 | 2 |
| 80002 (Blister) | 4008321905635 | white | 0.8 | – | 180 | 20 | 77 | 50.7 | 6 | 2 |
| 80003 (Blister) | 4008321905529 | red | 0.7 | – | 65 | 12 | 77 | 50.7 | 6 | 2 |
| 80004 (Blister) | 4008321905536 | green | 0.8 | – | 325 | 12 | 77 | 50.7 | 6 | 2 |
| 80005 (Blister) | 4008321905543 | blue | 0.8 | – | 85 | 12 | 77 | 50.7 | 6 | 2 |
| DECOSPOT® LED PAR16 – GU10 – 230–240 V | | | | | | | | | | |
| 80011 (Blister) | 4008321905598 | colorchange | 0.6–0.7 | – | 8.3–35 | 12 | 57 | 50.7 | 6 | 3 |
| 80012 (Blister) | 4008321905642 | white | 0.8 | – | 180 | 20 | 57 | 50.7 | 6 | 3 |
| 80013 (Blister) | 4008321905567 | red | 0.7 | – | 65 | 12 | 57 | 50.7 | 6 | 3 |
| 80014 (Blister) | 4008321905574 | green | 0.8 | – | 325 | 12 | 57 | 50.7 | 6 | 3 |
| 80015 (Blister) | 4008321905581 | blue | 0.8 | – | 85 | 12 | 57 | 50.7 | 6 | 3 |
| PARATHOM® DECO R50 40 – E14 – 230 V | | | | | | | | | | |
| 80335 (Box) | 4008321925145 | blue | 5.5 | – | 290 | 15 | 87 | 53.5 | 10 | 4 |
| 80335-01 (Blister) | 4008321925244 | blue | 5.5 | – | 290 | 15 | 87 | 53.5 | 6 | 4 |
| 80336 (Box) | 4008321925169 | green | 5.5 | – | 895 | 15 | 87 | 53.5 | 10 | 4 |
| 80336-01 (Blister) | 4008321925268 | green | 5.5 | – | 895 | 15 | 87 | 53.5 | 6 | 4 |
| 80337 (Box) | 4008321925183 | red | 4.5 | – | 480 | 15 | 87 | 53.5 | 10 | 4 |
| 80337-01 (Blister) | 4008321925282 | red | 4.5 | – | 480 | 15 | 87 | 53.5 | 6 | 4 |
| 80338 (Box) | 4008321925206 | yellow | 4.5 | – | 330 | 15 | 87 | 53.5 | 10 | 4 |
| 80338-01 (Blister) | 4008321925305 | yellow | 4.5 | – | 330 | 15 | 87 | 53.5 | 6 | 4 |
| NEW PARATHOM® SPECIAL T26 – E14 – 100–240 V | | | | | | | | | | |
| SPECIAL T26 D (Box) | 4008321951489 | daylight | 1 | 35 | – | – | 60 | 26 | 10 | 5 |
| SPECIAL T26 D (Blister) | 4008321951366 | daylight | 1 | 35 | – | – | 60 | 26 | 6 | 5 |
| NEW PARATHOM® SPECIAL K18 – E14 – 100–240 V² | | | | | | | | | | |
| SPECIAL K 18 15 D (Box) | 4008321952448 | daylight | – | – | – | – | – | – | 10 | 6 |
| SPECIAL K 18 15 WW (Box) | 4008321952424 | warm white | – | – | – | – | – | – | 10 | 6 |
| SPECIAL K 18 15 BL (Box) | 4008321952509 | blue | – | – | – | – | – | – | 10 | 6 |
| SPECIAL K 18 15 RD (Box) | 4008321952523 | red | – | – | – | – | – | – | 10 | 6 |
| SPECIAL K 18 15 YE (Box) | 4008321952462 | yellow | – | – | – | – | – | – | 10 | 6 |
| SPECIAL K 18 15 GR (Box) | 4008321952486 | green | – | – | – | – | – | – | 10 | 6 |

¹ All the technical parameters apply to the entire lamp. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

² Available from 2010.

Sample cost/benefit analysis PARATHOM® CLASSIC A 40 for 24 months.

| Lamp type | CLASSIC A 40 W | PARATHOM® CLASSIC A 40 (8 W) | Savings with PARATHOM® |
|---|-----------------------------|------------------------------|------------------------------|
| Number of light sockets | 1 | 1 | |
| Lamp wattage | 40W | 8 W | |
| Average lamp life | 1,000 h | 25,000 h | |
| Operating time in a shop, 6 working days | 3,500 h/a. | 3,500 h/a. | |
| Lamp replacement costs e.g. | 1.30 €/pc. | 37.00 €/pc. | |
| Relamping costs/light socket e.g. | 2.00 €/pc. | 2.00 €/pc. | |
| Electricity tariff* | 0.17 €/kWh | 0.17 €/kWh | |
| CO ₂ factor | 0.5 kg CO ₂ /kWh | 0.5 kg CO ₂ /kWh | |
| Power connection | 0.04 kW | 0.008 kW | |
| Hours of operation after 24 months | 7,000 h | 7,000 h | |
| Number of lamps required in that time | 8 lamps | 1 lamp | 7 lamps |
| Lamp purchase and relamping costs | 26.40 € | 39.00 € | 12.60 € |
| Power consumption after 24 months | 280 kWh | 56 kWh | 224 kWh |
| Electricity costs after 24 months | 47.60 € | 9.52 € | 38.08 € |
| Total costs after 24 months | 74.00 € | 48.52 € | 25.48 € |
| CO ₂ emissions after 24 months | 140 kg CO ₂ | 28 kg CO ₂ | 112 kg CO₂ |

* Electricity costs for commercial applications



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