



Like five peas in a pod

OSRAM DECOSTAR®

STANDARD, TITAN, IRC, ALU, COOL BLUE®

SEE THE WORLD IN A NEW LIGHT

OSRAM



OSRAM DECOSTAR®.

Brilliant halogen light for every application.

Brilliant white halogen light looks much more up-to-date and exclusive than light from ordinary light bulbs.

- Up to four times brighter*
- Lamp life up to four times longer*
- Rooms and objects look crisper and more modern
- Boost your own personal feel-good factor

* compared with conventional incandescent reflector lamps

OSRAM DECOSTAR® low-voltage dichroic reflector lamps are available for every situation and every requirement

- Complete range of state-of-the-art lamps: STANDARD, TITAN, IRC, ALU, COOL BLUE®
- Lots of different wattages, beam angles, versions and sizes
- Perfectly reliable operation with OSRAM HALOTRONIC® electronic transformers



Lots of light and excellent colour rendering: OSRAM DECOSTAR® STANDARD

The ideal lamp for entering the world of halogen

- Average life of 2000 hours
- Dichroic reflector reduces the heat in the light beam by up to 66%
- For use in open luminaires, UV FILTER, dimmable
- Colour temperature 3000 K
- $R_a = 100$ for optimum colour rendering



For perfect operation of DECOSTAR® lamps: HALOTRONIC® electronic transformers

Modern electronic HALOTRONIC® transformers from OSRAM are perfectly matched to our DECOSTAR® low-voltage halogen lamps – and offer considerable advantages over conventional transformers:

- 80% lower weight, 40% less volume
- Up to 60% lower power loss
- Much lower heat output
- Much easier installation
- Now with two terminal pairs for connecting two luminaires



Special version – for especially cool light: OSRAM DECOSTAR® COOL BLUE®

For jewellers shops, art galleries and anywhere where cold light colours are preferred

- Particularly cool light: Colour temperature 4500 K
- Extra long average life of 4000 hours
- Dichroic reflector reduces the heat in the light beam by up to 66%
- For use in open luminaires, UV FILTER, dimmable



**Even more light and twice the light:
OSRAM DECOSTAR® TITAN**

With a special reflector coating, suitable for highly demanding applications

- All the features of DECOSTAR® STANDARD

plus:

- Extra long average life of 4000 hours
- High luminous intensity
- Constant luminous intensity and colour location throughout their life



**ENERGY
SAVER**

POWERED BY
**IRC
TECHNOLOGY**

**Also saves energy:
OSRAM DECOSTAR® IRC**

Ideal for professional commercial and residential applications

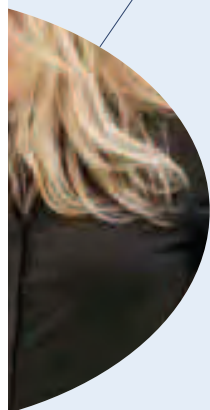
- All the features of DECOSTAR® TITAN

plus:

- Cost savings of up to 65% compared with DECOSTAR® STANDARD
- Energy savings of up to 45% compared with DECOSTAR® STANDARD

The secret lies in the special infra-red coating on the inside of the bulb that reflects the heat back to the filament. The result is that less external energy is required and as such the luminous efficacy is higher.

For more information go to www.osram.com/irc



**Special version – the solution for heat build-up:
OSRAM DECOSTAR® ALU**

The aluminium-coated reflector without a shield reduces the thermal load in the luminaire

- By around 55% compared to a dichroic reflector with a shield
- By around 45% compared to a dichroic reflector without a shield
- For use in open luminaires, UV filter, dimmable
- Colour temperature: 3000 K
- Long average life of 3000 hours

1 OLIGO Lichttechnik GmbH,
www.oligo.de

2 Hotel Hilton, Athen

3 Hotel Grande Bretagne, Athen

| Product reference | Product number (EAN) | Wattage | Luminous intensity (cd) | Average life | Beam angle |
|--|----------------------|---------|-------------------------|--------------|------------|
| OSRAM DECOSTAR® 35 STANDARD, 35 mm diameter, 37 mm length, GU4 base, with shield, 12 V | | | | | |
| 44888WFL | 4050300443935 | 10 | 300 | 2000 h | 38° |
| 44890SP | 4050300346090 | 20 | 3200 | 2000 h | 10° |
| 44890WFL | 4050300346168 | 20 | 500 | 2000 h | 38° |
| 44892SP | 4050300346182 | 35 | 5400 | 2000 h | 10° |
| 44892WFL | 4050300346229 | 35 | 900 | 2000 h | 38° |
| OSRAM DECOSTAR® 51 STANDARD, 51 mm diameter, 45 mm length, GU5,3 base, with shield (also available without), 12 V | | | | | |
| 44860SP | 4050300272474 | 20 | 3000 | 2000 h | 10° |
| 44860WFL | 4050300272511 | 20 | 480 | 2000 h | 38° |
| 44865SP | 4050300272559 | 35 | 6000 | 2000 h | 10° |
| 44865WFL | 4050300272634 | 35 | 1000 | 2000 h | 38° |
| 44870SP | 4050300272672 | 50 | 7800 | 2000 h | 10° |
| 44870WFL | 4050300272795 | 50 | 1450 | 2000 h | 38° |
| OSRAM DECOSTAR® 35 TITAN, 35 mm diameter, 37 mm length, GU4 base, with shield, 12 V | | | | | |
| 46890SP | 4050300529301 | 20 | 4500 | 4000 h | 10° |
| 46890WFL | 4050300529325 | 20 | 700 | 4000 h | 38° |
| 46892SP | 4050300529349 | 35 | 6200 | 4000 h | 10° |
| 46892WFL | 4050300529363 | 35 | 1350 | 4000 h | 38° |
| OSRAM DECOSTAR® 51 TITAN, 51 mm diameter, 45 mm length, GU5,3 base, with shield, 12 V | | | | | |
| 46860SP | 4050300428635 | 20 | 5000 | 4000 h | 10° |
| 46860WFL | 4050300428659 | 20 | 780 | 4000 h | 38° |
| 46860VWFL | 4050300428673 | 20 | 350 | 4000 h | 60° |
| 46865SP | 4050300428697 | 35 | 9100 | 4000 h | 10° |
| 46865FL | 4050300476414 | 35 | 3100 | 4000 h | 24° |
| 46865WFL | 4050300428710 | 35 | 1500 | 4000 h | 38° |
| 46865VWFL | 4050300428734 | 35 | 700 | 4000 h | 60° |
| 46870SP | 4050300428758 | 50 | 12500 | 4000 h | 10° |
| 46870FL | 4050300465708 | 50 | 4400 | 4000 h | 24° |
| 46870WFL | 4050300428772 | 50 | 2200 | 4000 h | 38° |
| 46870VWFL | 4050300428796 | 50 | 1100 | 4000 h | 60° |
| OSRAM DECOSTAR® 51 IRC, 51 mm diameter, 45 mm length, GU5,3 base, with shield, 12 V | | | | | |
| 48860SP | 4050300620169 | 20 | 6000 | 4000 h | 10° |
| 48860FL | 4050300620183 | 20 | 2300 | 4000 h | 24° |
| 48860WFL | 4050300620206 | 20 | 1000 | 4000 h | 38° |
| 48860VWFL | 4050300620220 | 20 | 450 | 4000 h | 60° |
| 48865SP | 4050300516592 | 35 | 12500 | 4000 h | 10° |
| 48865FL | 4050300516615 | 35 | 4400 | 4000 h | 24° |
| 48865WFL | 4050300516639 | 35 | 2200 | 4000 h | 38° |
| 48865VWFL | 4050300516653 | 35 | 1100 | 4000 h | 60° |
| 48870SP | 4050300516677 | 50 | 15000 | 4000 h | 10° |
| 48870FL | 4050300516691 | 50 | 5700 | 4000 h | 24° |
| 48870WFL | 4050300516714 | 50 | 2850 | 4000 h | 38° |
| 48870VWFL | 4050300516738 | 50 | 1430 | 4000 h | 60° |
| OSRAM DECOSTAR® 51 ALU, 51 mm diameter, 45 mm length, GU5,3 base, without shield, 12 V | | | | | |
| 41861WFL | 4050300428819 | 20 | 700 | 3000 h | 38° |
| 41866WFL | 4050300428833 | 35 | 1100 | 3000 h | 38° |
| 41871WFL | 4050300428857 | 50 | 1800 | 3000 h | 38° |
| OSRAM DECOSTAR® 51 COOL BLUE®, 51 mm diameter, 45 mm length, GU5,3 base, with shield, 12 V | | | | | |
| 46871WFL | 4050300816661 | 50 | 1200 | 4000 h | 38° |

| OSRAM HALOTRONIC MOUSE® – Compact transformer for separate installation with cable clamp | | | | | | |
|---|----------------------|--------------------|-----------------|-------------------|-------------------------|--|
| Product reference | Product number (EAN) | Voltage range | Mains frequency | Wattage (min–max) | Length x Width x Height | |
| HTM 70/230-240 | 4050300442310 | 230 V–10%/240 V+6% | 50/60 Hz | 20–70 W | 108x52x33 mm | |
| HTM 105/230-240 | 4050300442334 | 230 V–10%/240 V+6% | 50/60 Hz | 35–105 W | 108x52x33 mm | |
| HTM 150/230-240 | 4050300581415 | 230 V–10%/240 V+6% | 50/60 Hz | 50–150 W | 153x54x36 mm | |

For detailed information go to www.osram.com/halotronic

