



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



**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](http://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](http://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
<b>OSRAM DECOSTAR® 35 STANDARD, 35 mm diameter, 37 mm length, GU4 base, with shield, 12 V</b>					
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°
<b>OSRAM DECOSTAR® 51 STANDARD, 51 mm diameter, 45 mm length, GU5,3 base, with shield (also available without), 12 V</b>					
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°
<b>OSRAM DECOSTAR® 35 TITAN, 35 mm diameter, 37 mm length, GU4 base, with shield, 12 V</b>					
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°
<b>OSRAM DECOSTAR® 51 TITAN, 51 mm diameter, 45 mm length, GU5,3 base, with shield, 12 V</b>					
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°
<b>OSRAM DECOSTAR® 51 IRC, 51 mm diameter, 45 mm length, GU5,3 base, with shield, 12 V</b>					
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°
<b>OSRAM DECOSTAR® 51 ALU, 51 mm diameter, 45 mm length, GU5,3 base, without shield, 12 V</b>					
41861WFL	4050300428819	20	700	3000 h	38°
41866WFL	4050300428833	35	1100	3000 h	38°
41871WFL	4050300428857	50	1800	3000 h	38°
<b>OSRAM DECOSTAR® 51 COOL BLUE®, 51 mm diameter, 45 mm length, GU5,3 base, with shield, 12 V</b>					
46871WFL	4050300816661	50	1200	4000 h	38°

<b>OSRAM HALOTRONIC MOUSE® – Compact transformer for separate installation with cable clamp</b>					
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](http://www.osram.com/halotronic)

