

OSRAM HALOLUX® and OSRAM HALOPAR for mains voltage

The switch to halogen has never been easier – no transformers, no new luminaires

Switching from conventional incandescent light to brilliant halogen light is now as simple as changing a light bulb. You won't need any transformers and you won't need to invest in new luminaires.

OSRAM has a complete range of halogen lamps for mains voltage, offering up to 25% more light, brilliant glittering effects and double the lamp life.

**BRIGHT
BRILLIANT
BEAUTIFUL**



OSRAM

HALOLUX E 27:
conventional lamps
cannot compete



HALOLUX BT

The modern alternative to the classic conventional incandescent lamp, with a rounded BT bulb in clear or frosted versions for brilliant or white glare-free light. Available in 60 W and 100 W and 150 W models offering so much light that conventional light bulbs simply cannot compete. 15% more light and double the life of incandescent lamps of the same wattage.



HALOLUX CERAM

The classic slim-line cylindrical version of the HALOLUX lamp with a clear or frosted bulb. Its compact dimensions make the HALOLUX CERAM suitable especially for small narrow luminaires. Available in wattages from 60 to 250 W.



HALOLUX E 14:
candle lamps will never
be the same again

HALOLUX HC
Decorative halogen light
for free-burning use – the
modern alternative to
conventional candle lamps.
The eye-catching design
of the clear hexagonal
pyramid bulb gives it an air
of exclusivity. 25% more
light and double the lamp
life. Available in 40 W and
60 W models.

HALOLUX CF
The classic bright halogen
alternative to candle lamps
for those who prefer the
traditional shape. Clear
crystal bulb for brilliant
lighting effects. 25% more
light and double the lamp
life. Available in a 40 W
model.

HALOLUX T
The smallest halogen lamp
for mains voltage with an
outer bulb and E 14 base.
Compact tubular bulb
in clear or frosted versions
for brilliant or white glare-
free light. Ideal for very
small luminaires. 25% more
light and double the lamp
life. Available in 40 W and
60 W models



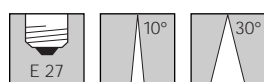
HALOPAR for more powerful spotlights



The aluminium reflector radiates the heat forwards. The dichroic reflector allows two thirds of the heat to pass backwards.

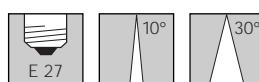
HALOPAR 20

Halogen reflector lamp with an E 27 base as the halogen alternative to a conventional R 63 reflector lamp. Fitted with a faceted aluminium reflector or a dichroic reflector. HALOPAR 20 is a 50 W lamp which is intended as a replacement for a 60 W reflector lamp; even so, it still provides up to 45% more light (1400 instead of 960 cd, for example). Available with a spot beam angle for precise spotlighting or a flood beam angle for even illumination.



HALOPAR 30

Halogen reflector lamp with an E 27 base as a halogen substitute for conventional R 95 reflector lamps and PAR lamps. Fitted with a faceted aluminium reflector or a dichroic reflector. HALOPAR 30/10° replaces the 80 W PAR 12° and provides almost 50% more luminous intensity (2400 instead of 1800 cd). Available as a 75 W model with a spot or flood beam angle.



Dichroic reflector versions

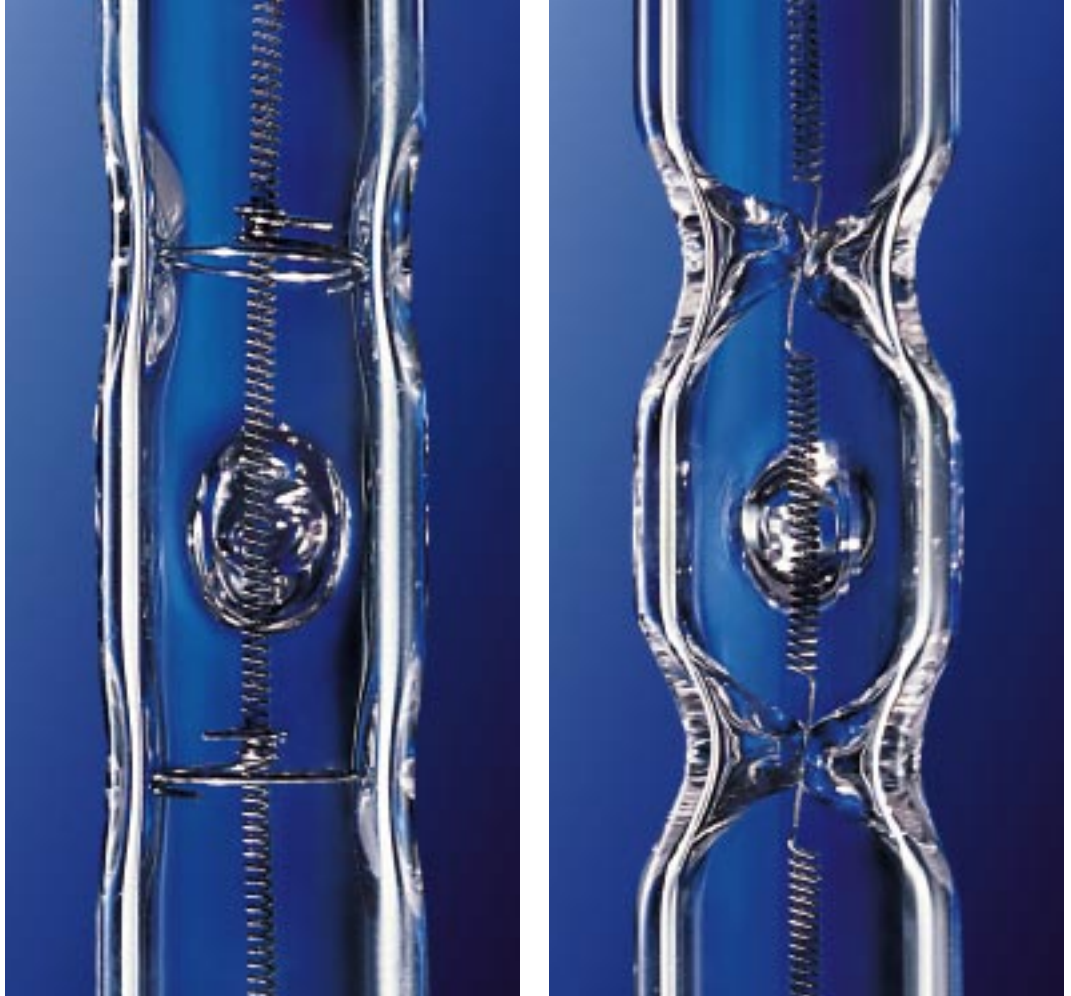
The CB (Cool Beam) versions with dichroic reflectors reduce the amount of heat in the light beam by 66% and are therefore ideal for illuminating heat-sensitive objects. They have a particularly attractive mother-of-pearl reflector.

Dichroic reflectors only in open luminaires

The CB versions may only be used in luminaires in which the reflector part of the lamp remains outside the casing. Enclosed luminaires will overheat owing to the fact that these reflectors radiate heat backwards.

Innovative discharge tube technology for tougher lamps

All HALOLUX lamps are now extremely rugged and shockproof thanks to a new discharge tube design developed by OSRAM. The old filament holder has been replaced by pinch points in the discharge tube which hold the filament more precisely and more reliably.



Here you can see why the new HALOLUX lamps are now especially rugged and shock-proof. On the left, a conventional filament holder using wire; on the right the filament is held by pinch points in the glass bulb

OSRAM is committed to quality

OSRAM's halogen lamps for mains voltage are subject to the same high quality standards as all other OSRAM products. The entire manufacturing process is covered by an exhaustive system of tests and inspections. Quality assurance starts at the product development stage and with the purchase of the raw materials, and continues through all the various stages of production right up to final inspection and delivery to the customer. This ensures that OSRAM products comply precisely with their stated technical data, from luminous intensity to lamp life. OSRAM develops and manufactures in compliance with the ISO 9001 standard.



Modern halogen light
leaves standard
incandescent lamps
in the shade

*Illuminated by a
60 W standard
incandescent lamp*



Beautiful brilliant light

In brilliant white halogen light, colours appear fuller and fresher. Reflective surfaces glitter and sparkle in a most attractive way. With halogen light you can create pools of light even in bright surrounding and give rooms more of a three-dimensional feel with the interplay between light and shadow. What's more, halogen light will blend well with any interior decor.

Uniformly bright light throughout the entire life of the lamp

Conventional incandescent lamps become appreciably dimmer as time goes by because the tungsten vaporised from the filament is precipitated as a dark coating on the inside of the glass bulb. In modern halogen lamps this is prevented by the halogens in the filler gas.

More light

Because of their higher luminous efficacy, halogen lamps produce up to 25% more light than conventional incandescent lamps of the same wattage.

*Illuminated by a
60 W halogen lamp*



Just the tonic for tired luminaires

Now it's very easy to bring the brilliant benefits of modern halogen light to existing luminaires designed to take incandescent lamps. Whatever your lighting requirements may be, you are bound to find the right answer in OSRAM's comprehensive range of halogen lamps for mains voltage.

Handy halogen

If you can change a light bulb, you can install HALOLUX and HALOPAR lamps. Simply remove your old incandescent lamps and replace them with halogen lamps of the same wattage. They will fit in all standard E 27 or E 14 lampholders, can be dimmed to any brightness level and can be used in any burning position.

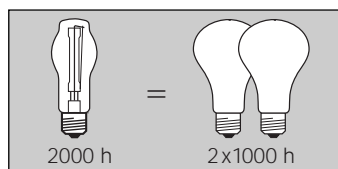
UV protection across the range

All OSRAM halogen lamps come with UV protection as standard. As of October 1995, the entire range of mains voltage lamps will offer UV protection.

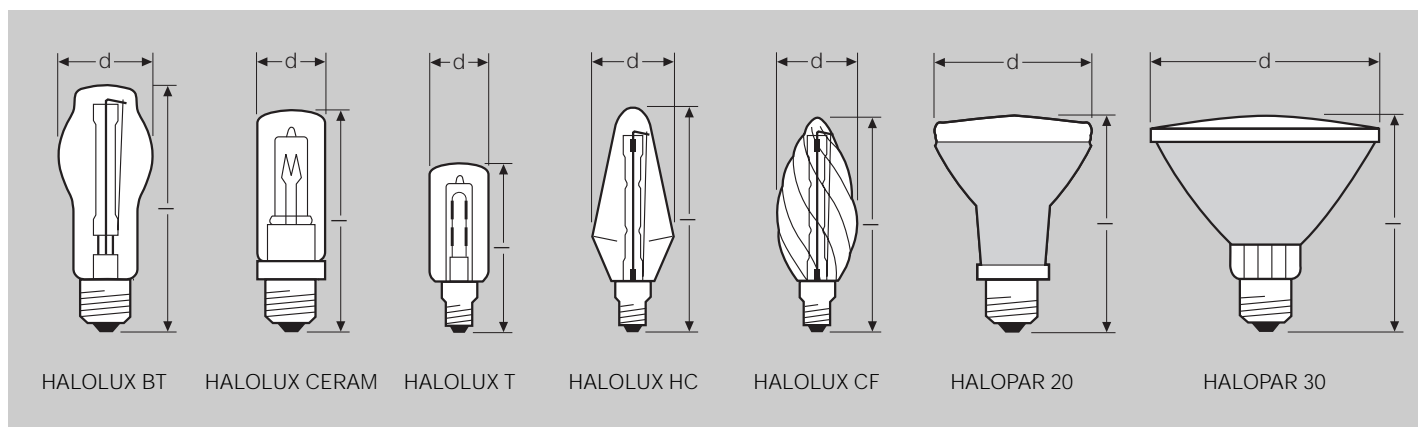


Double the lamp life

The special technology of halogen lamps gives them a life of 2000 hours. That's twice as long as standard incandescent lamps. Assuming the lamp is operated for three hours a day, you won't have to replace it for two years.



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Technical Data

Typ	HALOLUX BT		
Wattage	60 W	100 W	150 W
Voltage	230 V	230 V	230 V
Luminous flux, clear	840 lm	1600 lm	2550 lm
Luminous flux, siliconised	780 lm	1450 lm	2100 lm
Length l max.	117 mm	117 mm	117 mm
Diameter d max.	48 mm	48 mm	48 mm
Base	E 27	E 27	E 27

Typ	HALOLUX CERAM				
Wattage	60 W	75 W	100 W	150 W	250 W
Voltage	230 V	230 V	230 V	230 V	230 V
Luminous flux, clear	820 lm	1100 lm	1500 lm	2500 lm	4200 lm
Luminous flux, frosted	780 lm	1050 lm	1430 lm	2400 lm	4000 lm
Length l max.	105/86 mm	105/86 mm	105/86 mm	105/98 mm	105/98 mm
Diameter d max.	32/18 mm	32/18 mm	32/18 mm	32/18 mm	32/18 mm
Base	E 27/B 15d	E 27/B 15d	E 27/B 15d	E 27/B 15d	E 27/B 15d

Typ	HALOLUX T		HALOLUX HC		HALOLUX CF
Wattage	40 W	60 W	40 W	60 W	40 W
Voltage	230 V	230 V	230 V	230 V	230 V
Luminous flux	490 lm	820 lm	490 lm	840 lm	490 lm
Length l max.	80 mm	80 mm	105 mm	105 mm	100 mm
Diameter d max.	26 mm	26 mm	38 mm	38 mm	35 mm
Base	E 14	E 14	E 14	E 14	E 14

Typ	HALOPAR 20 Aluminium reflector		HALOPAR 20 Dichroic reflector	
Wattage	50 W	50 W	50 W	50 W
Beam angle	10°	30°	10°	30°
Voltage	230 V	230 V	230 V	230 V
Luminous intensity	4300 cd	1300 cd	4700 cd	1400 cd
Length l max.	91 mm	91 mm	91 mm	91 mm
Diameter d max.	64.5 mm	64.5 mm	64.5 mm	64.5 mm
Base	E 27	E 27	E 27	E 27

Typ	HALOPAR 30 Aluminium reflector		HALOPAR 30 Dichroic reflector	
Wattage	75 W	75 W	75 W	75 W
Beam angle	10°	30°	10°	30°
Voltage	230 V	230 V	230 V	230 V
Luminous intensity	6900 cd	2200 cd	7500 cd	2400 cd
Length l max.	90.5 mm	90.5 mm	90.5 mm	90.5 mm
Diameter d max.	97 mm	97 mm	97 mm	97 mm
Base	E 27	E 27	E 27	E 27

