



**The right light,
whatever your taste.**

**Halogen reflector lamps for mains voltage:
OSRAM HALOPAR® 16, 20, 30**

SEE THE WORLD IN A NEW LIGHT

OSRAM





Simply brilliant: halogen light without a transformer.

When light is turned into an experience there is generally only one name that counts. OSRAM – the lighting manufacturer that offers all HALOPAR® lamps with whole glass reflectors. With these innovative products you can experience light in a new and brilliant way. Fascinating lighting effects that bring colours and structures to life conjure up a wonderful atmosphere, particularly in living rooms, bars and restaurants. With their brilliant white halogen light, HALOPAR® lamps provide an unmistakable boost for a wide variety of rooms, including those that traditionally have been rather neglected.

HALOPAR® 16, 20 and 30 from OSRAM operate without the mains transformers that low-voltage lamps need, so they do not require any extra space and are very cost-effective.

HALOPAR® with screw bases make life very easy. Simply unscrew the old light bulb and screw in a HALOPAR® with screw base for a totally new lighting experience.

The best possible choice for all new luminaires: **HALOPAR® with pin bases** provide cost-effective halogen light without the need for a transformer. What could be better?

OSRAM can offer a complete range for a wide variety of applications: HALOPAR® halogen reflector lamps with different wattages, bases and beam angles – and so many brilliant benefits.

Four base versions

E14 and E27 screw bases, GU10 and GZ10 “pin bases”

Three beam angles

Spot versions with 10° for precise accent lighting

Flood versions with 30° and 35° for wide-area lighting

Whole glass reflectors on all lamps

All HALOPAR® lamps have whole glass reflectors; that's something you only get with OSRAM. They provide brilliant lighting effects and attractive scattered light.

Aluminium reflector or dichroic reflector

Facetted aluminium reflector: low thermal output to the rear. Decorative dichroic reflector: reduces the amount of heat in the light beam by as much as 66% – ideal for illuminating heat-sensitive objects.

UV FILTER technology



Safety

The design of the lamp ensures that the lamps are reliably switched off at the end of their life in accordance with the safety requirements of IEC 60432-2.

Can be operated in unshielded luminaires

in accordance with IEC 60598-1

Dimmable



Super light show – simple, no transformer needed: innovative halogen reflector lamps. HALOPAR® from OSRAM is the easy way to bring any room to life.



All you need: halogen light for everyone.

Halogen at the flick of a switch: OSRAM HALOPAR® with screw bases



Never was it so easy to achieve fascinating lighting effects. You can even fit HALOPAR®

with E14 and E27 screw bases into luminaires that have not been designed for halogen light – it's so simple to install brilliant new light.

HALOPAR® is the ideal way to enjoy modern cost-effective halogen light without transformers and without investing in new luminaires.

HALOPAR® 16, 20 and 30 with screw bases are therefore the brilliant alternative to conventional incandescent reflector lamps. They last twice as long at 2000 hours, provide up to 100% more light and in most cases are fully compatible thanks to their similar dimensions.

– HALOPAR® 16 with screw base: replaces the R50 incandescent reflector lamp

– HALOPAR® 20 with screw base: replaces the R63 incandescent reflector lamp

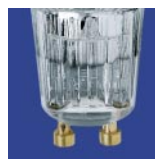
– HALOPAR® 30 with screw base: replaces the R95 incandescent reflector lamp

– Up to 100% more light with HALOPAR® with screw bases: thanks to the powerful light source and the optimised reflector design, up to 100% higher luminous intensity than normal reflector lamps with comparable beam angles

– Average life of 2000 hours for all OSRAM HALOPAR® lamps with screw bases: twice as long as standard reflector lamps

– Modern halogen look and simple relamping: the attractive faceted reflector on the HALOPAR® lamp will give any old luminaire a “facelift”

“Classic” – but no transformer: OSRAM HALOPAR® with pin bases



Luminaires designed specifically for mains voltage halogen lamps can be ideally equipped

with HALOPAR® from OSRAM in GU10 or GZ10 base versions. Our innovative halogen reflector lamps with pin bases are the clever solution for all initial installations: wherever importance is attached to “classic” space and cost-saving halogen luminaire design without transformers.

New additions:

Our latest HALOPAR® lamps with pin bases are particularly bright newcomers. HALOPAR® 20 lamps with aluminium reflectors and GU10 bases are impressive performers – at 75 W they provide lots of brilliant white light.



HALOPAR® 16

Alu

E14

40 W

35°



HALOPAR® 20

Alu/Cool Beam

E27

50 W

10°/30°



HALOPAR® 30

Alu/Cool Beam

E27

75 W

10°/30°



HALOPAR® 16

Alu

GU10

35W + 50W

35°



HALOPAR® 16

Cool Beam

GZ10

50 W

35°



HALOPAR® 20

Alu

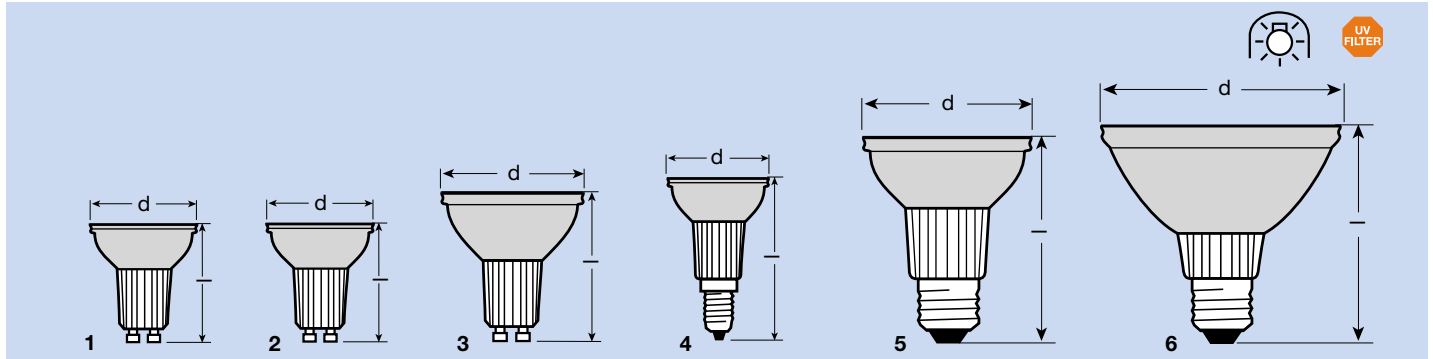
GU10

75 W

30°

NEW!

Technical data



Type	HALOPAR® 16 Alu-Reflector*	HALOPAR® 16 Alu-Reflector*	HALOPAR® 16 Cool-Beam-Reflector*	HALOPAR® 16 Alu-Reflector/E14*
Reference	64824 FL	64820 FL	64826 FL	64822 FL
Product no. (EAN)	4050300 580111	4050300 727165	4050300 501857	4050300 938479 (Blister)
Rated wattage	50 W	35 W	50 W	40 W
Voltage	230 V	230 V	230 V	230 V
Luminous intensity	950 cd	600 cd	900 cd	650 cd
Beam angle	35°	35°	35°	35°
Colour temperature	approx. 2800 K	approx. 2800 K	approx. 2900 K	approx. 2800 K
Average life	2000 h	2000 h	2000 h	2000 h
Length l (max)	53 mm	53 mm	53 mm	73 mm
Diameter d	50.7 mm	50.7 mm	50.7 mm	50.7 mm
Base	GU 10	GU 10	GZ 10	E 14
Standard pack	20	20	20	20
Fig. no.	1	1	2	4

Type	HALOPAR® 20 Alu-Reflector* NEW!	HALOPAR® 20 Alu-Reflector	HALOPAR® 20 Alu-Reflector	HALOPAR® 20 Cool-Beam-Reflector	HALOPAR® 20 Cool-Beam-Reflector
Reference	64830 FL	64832 SP	64832 FL	64836 SP	64836 FL
Product no. (EAN)	4050300 856971	4050300 406800	4050300 406824	4050300 406848	4050300 406862
Rated wattage	75 W	50 W	50 W	50 W	50 W
Voltage	230 V	230 V	230 V	230 V	230 V
Luminous intensity	1900 cd	3000 cd	1000 cd	3200 cd	1100 cd
Beam angle	30°	10°	30°	10°	30°
Colour temperature	approx. 2800 K	approx. 2800 K	approx. 2800 K	approx. 2900 K	approx. 2900 K
Average life	2000 h	2000 h	2000 h	2000 h	2000 h
Length l (max)	61 mm	91 mm	91 mm	91 mm	91 mm
Diameter d	64 mm	64.5 mm	64.5 mm	64.5 mm	64.5 mm
Base	GU 10	E 27	E 27	E 27	E 27
Standard pack	20	15	15	15	15
Fig. no.	3	5	5	5	5

Type	Halopar®30 Alu-Reflector	HALOPAR® 30 Alu-Reflector	HALOPAR® 30 Cool-Beam Reflector	HALOPAR® 30 Cool-Beam Reflector
Reference	64841 SP	64841 FL	64845 SP	64845 FL
Product no. (EAN)	4050300 338460	4050300 338484	4050300 338521	4050300 338507
Rated wattage	75 W	75 W	75 W	75 W
Voltage	230 V	230 V	230 V	230 V
Luminous intensity	6900 cd	2200 cd	7500 cd	2400 cd
Beam angle	10°	30°	10°	30°
Colour temperature	approx. 2800 K	approx. 2800 K	approx. 2900 K	approx. 2900 K
Average life	2000 h	2000 h	2000 h	2000 h
Length l (max)	90.5 mm	90.5 mm	90.5 mm	90.5 mm
Diameter d	97 mm	97 mm	97 mm	97 mm
Base	E 27	E 27	E 27	E 27
Standard pack	15	15	15	15
Fig. no.	6	6	6	6



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