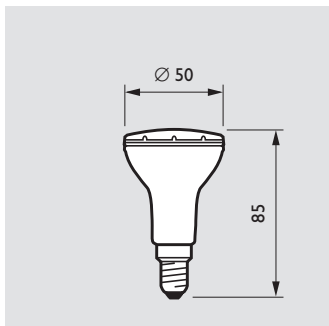




Spot

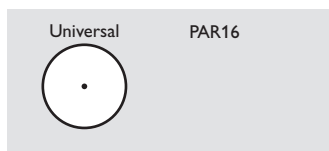


Flood



PAR16 E14

Dimensions in mm



Burning position

Reflector lamps consisting of a mains-voltage hard glass burner (M-shaped filament) optically positioned in a Parabolic, Aluminium-coated, pressed-glass Reflector (PAR) with new optical pressing design.

The sparkling and decorative image of the PAR 16 is emphasised by its modern designed WISO® reflector found in each member of the PAR HalogenA family. Philips' mains-voltage HalogenA philosophy focuses on offering halogen solutions which fit in normal and existing luminaires. Unlike the HalogenA, which is a general-purpose lamp, the PAR 16 bundles the light and is suitable for accent applications.

The combination of the latest optical know-how and the halogen technology results in an intense beam with a clearly defined beam spread. The fact that the front glass is lightly stippled for the spot versions will strongly emphasise the effect of the sparkling reflector. The front glass protects the lamp for safety and from outside elements such as errant fingers and dust which could reduce the light output and affect the sparkling image.

For wider beams, a faceted front glass is used thus ensuring a very homogeneous light distribution. In a PAR 16 flood application, the faceted front glass prevents glare. The PAR16 HALOGENA has two beam spreads - 10° and 30° - and is a complete retrofit halogen replacement of R50 incandescent reflector lamps.

The PAR 16 also incorporates the features applicable to halogen lamps in general, such as: a luminous flux which remains nearly constant throughout the lamp life; twice the lifetime of a normal incandescent lamp; natural colour rendering ($R_a=100$); and good luminous efficacy (more light for less energy).

Not only the compactness of halogen light sources, the combination possibilities with modern luminaires and their decorativeness, but especially the bright and sparkling light make halogen a well-loved light source. These general lighting characteristics of halogen support the use of the PAR 16 for accent and display lighting. The excellent colour rendering gives a realistic impression of the objects and during the whole lifetime of the lamp the displayed objects are accentuated according to the initial requirements.

The PAR 16 can also be used outdoors. The luminaire, however, must certainly include a waterproof connection between the reflector and the luminaire. The reflector and burner are temperature shock resistant.

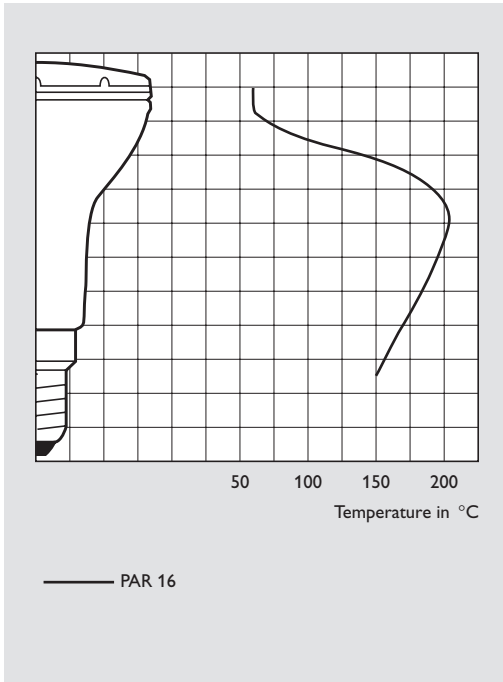
Applications

- Accent lighting in shops, especially for valuable goods
- Accent and task lighting in the home

Type	V	W	Beam angle	Cap/base	Max luminous intensity cd	Correlated colour temperature K	Lamp life 50% h	Nett weight g	Ordering number
PAR16									
PAR16	230V	40W	10DGR	E14	2500	2900	2000	65	9245 265 44200
PAR16	230V	40W	30DGR	E14	850	2900	2000	65	9245 266 44200
PAR16	240V	40W	10DGR	E14	2500	2900	2000	65	9245 265 45500
PAR16	240V	40W	30DGR	E14	850	2900	2000	65	9245 266 45500

Halogen lamps

PAR 16 HALOGENA



Heat distribution

Luminous intensity distribution and visual impact diagrams

