

FLOODLIGHTING LAMPS

Tungsten Halogen

A range of longer life lamps for horizontal burning ($\pm 4^\circ$), suitable for use in small, lightweight luminaires for a wide variety of floodlighting applications.

RANGE

Linear lamps for operation from 240/250V supplies:-

- K/11 - 200W
- K/9 - 300W
- K/1 - 500W*
- K/3 - 750W
- K/4 - 1000W*
- K/5 - 1500W
- K/6 - 2000W

*Also available for operation from 120V supplies.

APPLICATIONS

Outdoor applications

- Building sites
- Sports grounds
- Parks
- Large gardens
- Agriculture
- Car parks
- Airport aprons

Indoor applications

- Exhibitions
- Shop windows
- Churches
- Effect lighting

FLOODLIGHTING – TUNGSTEN HALOGEN LAMPS

FEATURES

- Double pinch fuses lamp for extra safety. (Types K/1, K/9 and K/11).
- Excellent colour rendering of tungsten halogen lamps preserves the natural colours of the environment in which the lamps are used.
- Luminous flux output is maintained throughout the life of the lamps due to the halogen regenerative cycle.
- Up to 20% more efficient than a GLS lamp of corresponding rating.
- Compact, easily controllable light source, suitable for use in small, lightweight luminaires.
- Easy to install and maintain.
- Instantaneous light after switch on.

TUNGSTEN HALOGEN LAMP CHARACTERISTICS

The theoretical extended life calculated from the curves below is not always realised in practice as many other causes influence this factor considerably, e.g. Vibration, Handling, Cleaning, Frequency of Switching, etc.

These curves are based on averages of many lamps and can only be used as an approximate guide to performance.

ORDERING DATA

Watts	Volts	Box Quantity	
		Inner	Outer
200	240	12	72
300	240	12	72
500	120	12	72
500	240	12	72
750	240	12	72
1000	240	12	72
1000	120	12	72
1500	240	12	72
2000	240	12	72

Please state voltage when ordering

ELECTRICAL DATA & DIMENSIONS,

Type	Catalogue Number	Rating (Watts)	Nominal Luminous Flux	Correlated Colour Temperature (K)	Lamp Volts	Burning Position (see diagram)	Cap	Dimensions (mm)		
								A	B	Diameter
K/11	12094R	200	3,200	3,000	240/250	Horizontal	R7s-15	114.2 ± 1.6	117.6 max	11
K/9	12113R	300	5,100	3,000	240/250	Horizontal	R7s-15	114.2 ± 1.6	117.6 max	11
K/1	7785R	500	10,000	3,000	120	Horizontal	R7s-15	114.2 ± 1.6	117.6 max	11
K/1	7785R	500	8,500	3,000	240/250	Horizontal	R7s-15	114.2 ± 1.6	117.6 max	11
K/3	12117R	750	15,500	3,000	240/250	Horizontal	R7s-15	185.7 ± 1.6	189.1 max	11
K/4	12013R	1000	22,000	3,000	120	Horizontal	R7s-15	185.7 ± 1.6	189.1 max	11
K/4	12013R	1000	22,000	3,000	240/250	Horizontal	R7s-15	185.7 ± 1.6	189.1 max	11
K/5	13021R	1500	33,000	3,000	240/250	Horizontal	R7s-15	250.7 ± 1.6	254.1 max	11
K/6	12110R	2000	44,000	3,000	240/250	Horizontal	Fa4	334.4 ± 2.1	322.0 max	11

Please order in the form given in the following example, in multiples of the packing quantity:-

72 Philips tungsten halogen lamps 240V 500W Type K/1

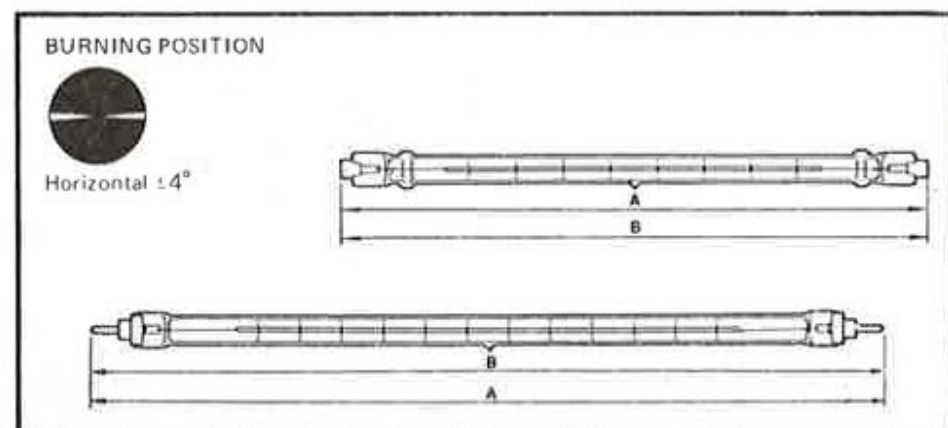
"Double Pinch" Fusing for Safety

At both ends of the 200 watt, 300 watt and 500 watt lamps are fusible link chambers. These are highly reliable and protect against excessive current surge at the moment of lamp failure, in installations having high current rated external fuses.

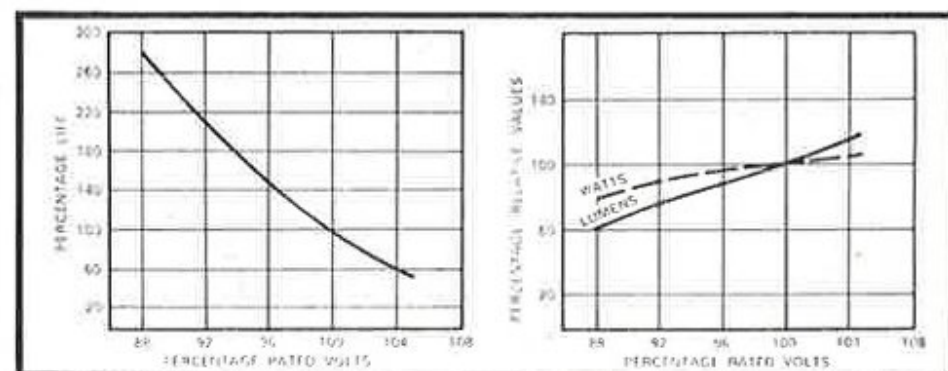
Unlike conventional fuses, this Philips development does not introduce a potential weakness which could shorten life expectancy. The filament lighted length of these lamps is not reduced.

200 Watt K/11

Interchangeable with the existing 300W and 500W lamps, this lamp widens the field of application of popular, low cost floodlight fittings, giving a reduced energy cost alternative where a lower illumination level is acceptable.



Dimension B (above) relates to the clearance required between lampholders for insertion of lamp. Dimension A relates to electrical contact centres.



Made in Belgium