

Traffic signalling lamps

Halogen traffic signalling

Compact halogen traffic signalling lamps consisting of a quartz glass bulb containing either a transversally or axially positioned filament. They are for operation on 10, 12 or 42 V supplies and equipped with PKX22s, BA15d, BA20s, G4 or GY6.35-15 bases. The compact filament leads to a sharp and efficient beam formation, thus offering the highest possible signal visibility. The lamps are particularly resistant to vibration and shock and ensure accurate positioning in the optical system of the traffic light.

For the 10 V this means an advised group replacement cycle of max. 12 months.

Exclusive types 14608, 14609 and 13563, as during night time installations are dimmed.

In enclosed units, a burning position of vertical, pinch down +/- 135 degrees is recommended. In this case, the filament axis must remain horizontal.

Applications

- Road intersections
- Harbour or airport approach roads
- Industrial estates
- Parking areas of shopping or exhibition centres.

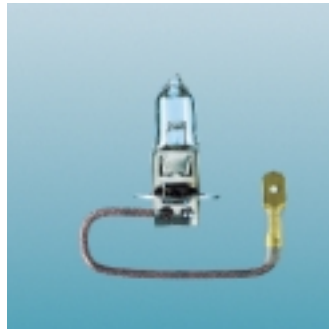
Complies with DIN 67527 and NEN 3323.



6613 BA15d



6615/6616 PKX22s



13526 PKX22s



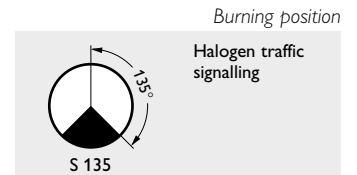
14608/14609 BA20s



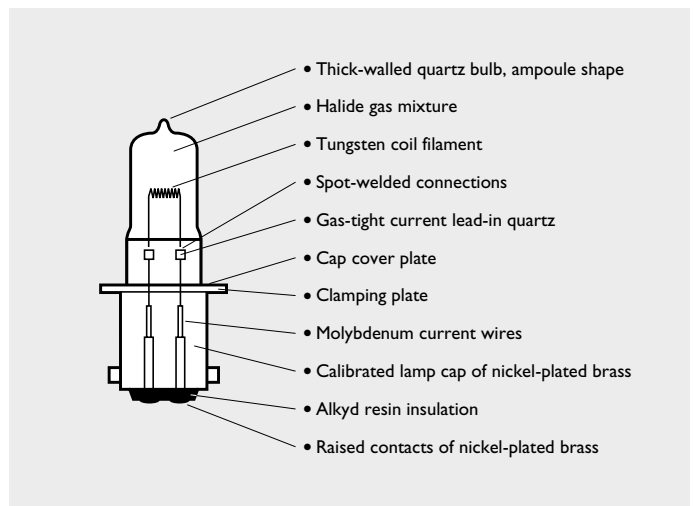
12345 G4



12058/13512 GY6.35



The recommended burning position should be maintained. Deviation might lead to early lamp failure. Also temperature in the cap should not be higher than 350 °C.



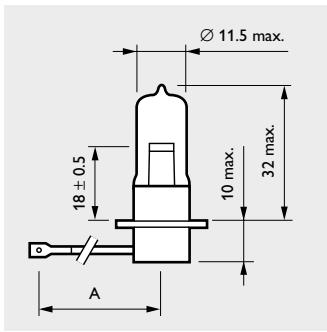
Parts



PHILIPS

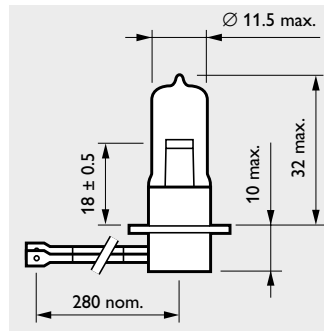
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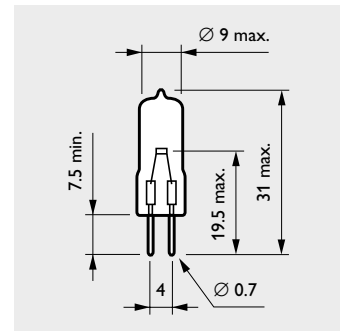


Dimensions in mm

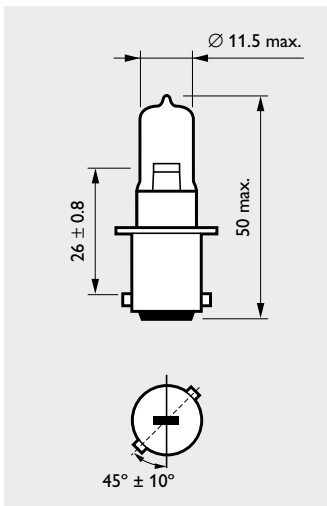
Type	A nom.
Cap/base PKX22s	
6611, 13526, 13563, 13911	280.0
13523, 13909	100.0



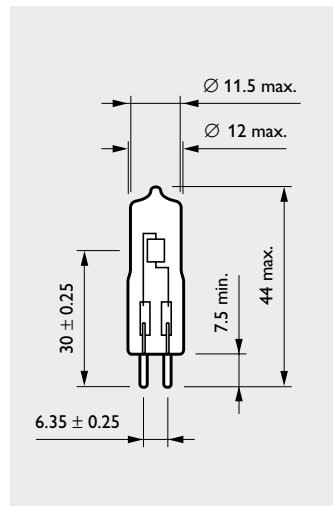
6615/6616 PKX22s (twin lead)



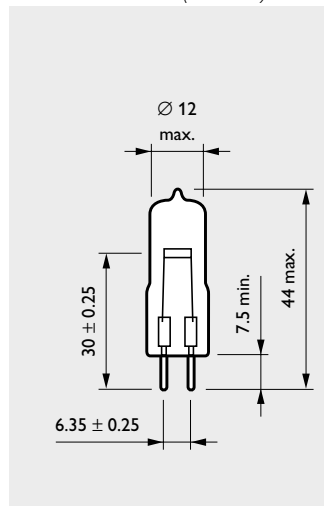
12345 G4



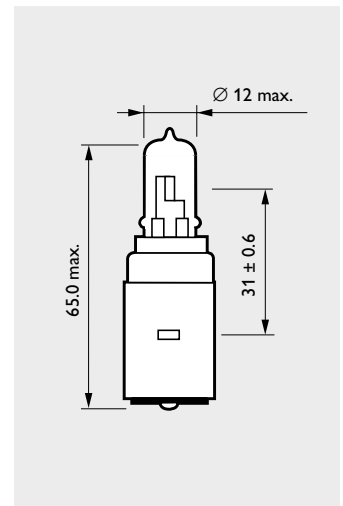
6613, 13557 BA15d



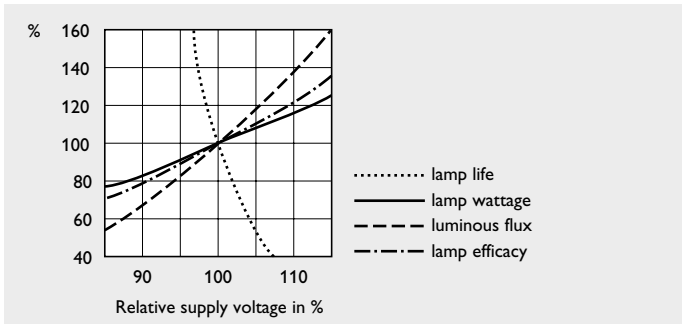
12058 GY6.35



13512 GY6.35



14608/14609 BA20s



Effects of voltage variations

Data are based on nominal voltage, higher (than nominal) applied voltages will lead to increased failure rate.

Temperatures

Permissible reflector temperature:	300 °C max.
Permissible pinch temperature:	350 °C max.
Permissible quartz bulb temperature:	750 °C max. 250 °C min.

Lifetime: Lamps will only be recognised as defective when failure has been caused by the lamp itself, and not by any external cause.

Please note that lifetime is tested in a laboratory environment, i.e. constant burning at the nominal voltage in a permanently conditioned area.

Always check that product specification is up-to-date before ordering.

Type	V	W	Cap/ base	Lumen output lm	Lamp life 50% h	Ordering number	EOC
10V							
14608*)	10V	20W	BA20S	270	9000	9240 489 15800	413550
14609*)	10V	30W	BA20S	400	9000	9240 490 15800	413581
6613	10V	35W	BA15D	525	5500	9239 178 15800	405012
6611	10V	35W	PKX22S	525	5500	9238 932 15800	405036
6615	10V	35W	PKX22S	525	5500	9240 201 15800	472427
6616	10V	50W	PKX22S	820	8000	9240 205 15800	475411
13557	10V	50W	BA15D	820	8000	9239 177 15800	405043
13523	10V	50W	PKX22S	820	8000	9238 891 15800	404992
13526	10V	50W	PKX22S	820	8000	9238 880 15800	405029
13563	10V	50W	PKX22S	950	3500	9240 116 15800	475046
12V							
12345	12V	20W	G4	420	400	9238 744 17100	410016
12058	12V	50W	GY6.35	975	4000	9240 158 17100	474735
13512	12V	50W	GY6.35	935	4000	9238 879 17100	410436
42V							
13909	42V	67W	PKX22S	900	4000	9239 244 24400	405005
13911	42V	67W	PKX22S	900	4000	9239 243 24400	404985

*) These types are new, fieldtest is in progress, and reliable data available by end of 2001

