

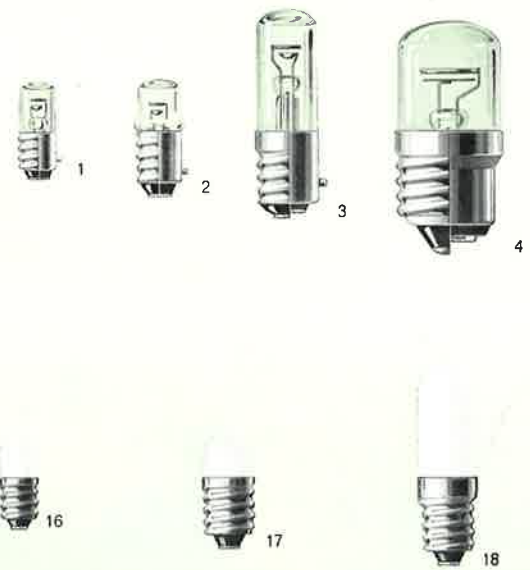
# NEON GLOW LAMPS

The extensive range of Philips Neon Glow Lamps provides a large selection for inclusion in most types of signal unit and fitting. They can be ordered in a great variety of dimensions and voltages, with or without base, with or without series resistor.

Glow lamps with built-in or attached resistor can be connected directly to the mains. Glow lamps supplied without resistor must have a resistor connected in series.

Continuous development has made high-brightness types available throughout the entire range; they can also be supplied in green.

An interesting development in the high-brightness range is a rectangular lamp with square contact plates. An important feature is the position of the electrodes adjoining each other, to function as a kind of reflector, thus producing a more directed beam of light.



## Applications

Electric appliances of all kinds such as irons, grills, domestic heaters, boilers, frying pans, electric ovens, washing machines, dish washers, hair dryers, coffee percolators, freezers, refrigerators, blankets, etc.

## Features

Small dimensions; suitable for mains tension; high brightness; hardly affected by mains fluctuations; virtually shock and vibration-proof; minimum heat development; negligible current consumption; long service life.

### Types with built-in series resistor

Type number	Mains Voltage V	Approx. current mA	Base	Max. diam.	Max. length	Fig.	Ordering number
GL 40 D	110 ... 130 A.C. and D.C.	1	EX 10	10	26	1	9282 720 000 .. <sup>1)</sup>
	220 ... 250 A.C.	1.5					9282 721 000 .. <sup>1) 2)</sup>
	380 A.C.	0.6					9282 722 000 .. <sup>1) 2)</sup>
GL 40 N	110 ... 130 A.C. and D.C.	1	BA 9 s	10	26	1	9282 725 000 .. <sup>1)</sup>
	220 ... 250 A.C.	1.5					9282 726 000 .. <sup>1) 2)</sup>
	380 A.C.	0.6					9282 727 000 .. <sup>1) 2)</sup>
GL 41 M	110 ... 130 A.C. and D.C.	2	E 14	14	30	2	9282 815 000 .. <sup>1)</sup>
	220 ... 250 A.C.	2.5					9282 816 000 .. <sup>1) 2)</sup>
	380 A.C.	1					9282 817 000 .. <sup>1) 2)</sup>
GL 41 W	110 ... 130 A.C. and D.C.	2	B 15 d	14	30	2	9282 820 000 .. <sup>1)</sup>
	220 ... 250 A.C.	2.5					9282 821 000 .. <sup>1) 2)</sup>
	380 A.C.	1					9282 822 000 .. <sup>1) 2)</sup>
GL 42 M	110 ... 130 A.C. and D.C.	2	E 14	15.5	54	3	9282 950 000 .. <sup>1)</sup>
	220 ... 250 A.C.	3.5					9282 951 000 .. <sup>1) 2)</sup>
	380 A.C.	2					9282 952 000 .. <sup>1) 2)</sup>
GL 42 W	110 ... 130 A.C. and D.C.	2	B 15 d	15.5	51.5	3	9282 955 000 .. <sup>1)</sup>
	220 ... 250 A.C.	3.5					9282 956 000 .. <sup>1) 2)</sup>
	380 A.C.	2					9282 957 000 .. <sup>1) 2)</sup>
GL 45 E	110 ... 130 A.C.	4	E 27	28.5	62	4	9283 005 000 ..
	110 ... 130 D.C.	4					9283 007 000 ..
	220 ... 250 A.C.	7					9283 006 000 ..
GL 45 B	110 ... 130 A.C.	4	B 22	28.5	58	4	9283 000 000 ..
	110 ... 130 D.C.	4					9283 003 000 ..
	220-230 A.C.	7					9283 001 000 ..
	230-250 A.C.	7					9283 002 000 ..

### Types to be used with separate resistor

Type number	Mains voltage V	Ignition voltage V	Approx. current mA	Base	Max. diam.	Max. length	Fig.	Ordering number	Recommended series resistor	
									kΩ	W
GL 14 D GL 14 N	110 ... 130 A.C. and D.C.	< 75 A.C. < 105 D.C.	1	EX 10 BA 9 s	10	26	1	9282 256 000 .. <sup>1)</sup> 9282 257 000 .. <sup>1)</sup>	56	0.25
GL 1 M GL 1 W	110 ... 130 A.C. and D.C.	< 75 A.C. < 105 D.C.	2	E 14 B 15 d	14	30	2	9282 301 000 .. <sup>1)</sup> 9282 302 000 .. <sup>1)</sup>	27	0.25
GL 12 D GL 12 N	220 ... 250 A.C.	< 200	1.5	EX 10 BA 9 s	10	26	1	9282 251 000 .. <sup>1) 2)</sup> 9282 252 000 .. <sup>1) 2)</sup>	82	0.25
GL 4 M GL 4 W	220 ... 250 A.C.	< 200	2.5	E 14 B 15 d	14	30	2	9282 306 000 .. <sup>1) 2)</sup> 9282 307 000 .. <sup>1) 2)</sup>	47	0.25

<sup>1)</sup> Lens-end type  
<sup>2)</sup> High-brightness type