

NEON LAMPS

GENERAL INSTRUMENT

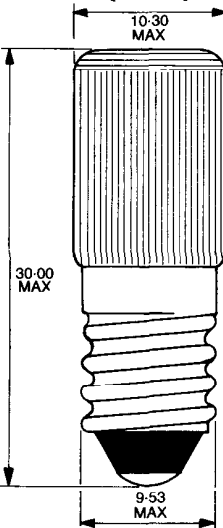
10mm	T-3¼	Lamp Number	Design Current mA	Maximum Striking Voltage		Series Resistor Value		Brightness Level
				a.c.	d.c.	100-120V a.c. or d.c.	220-250V a.c. or d.c.	
Miniature Screw E10 (MES) 		8L	0.6	65	90	82kΩ, 1/10W	270kΩ, 1/4W	Standard
		8LR110	0.6	(Supply Voltage 100-120V)		included		Standard
		8LR220	0.6	(Supply Voltage 220-250V)		included		Standard
		8M	1.0	65	90	68kΩ, 1/8W	180kΩ, 1/4W	Medium
		8MR110	1.0	(Supply Voltage 100-120V)		included		Medium
		8MR220	1.0	(Supply Voltage 220-250V)		included		Medium
		8H	1.8	95	135	133kΩ, 1/8W	100kΩ, 1/3W	High
		8HR110	1.8	(Supply Voltage 100-120V ¹)		included		High
		8HR220	1.8	(Supply Voltage 220-250V)		included		High
		8UH	4.5	95	135	12kΩ, 1/2W	39kΩ, 1W ²	Ultra High
		¹ High and ultra high brightness types are not suitable for 100-120V d.c. operation. ² Two 20 kΩ, 1/2W resistors may be used in series.						

FIG. 11

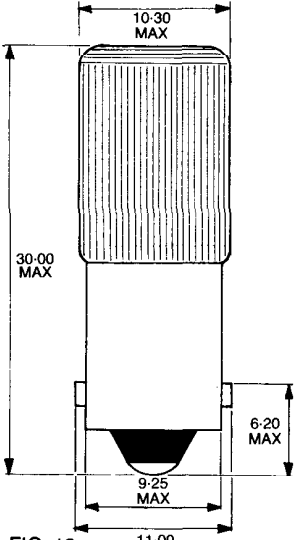
10mm	T-3¼	Lamp Number	Design Current mA	Maximum Striking Voltage		Series Resistor Value		Brightness Level
				a.c.	d.c.	100-120V a.c. or d.c.	220-250V a.c. or d.c.	
Miniature Bayonet BA9s (MCC) 		7L	0.6	65	90	82kΩ, 1/10W	270kΩ, 1/4W	Standard
		7LR110	0.6	(Supply Voltage 100-120V)		included		Standard
		7LR220	0.6	(Supply Voltage 220-250V)		included		Standard
		7M	1.0	65	90	68kΩ, 1/8W	180kΩ, 1/4W	Medium
		7MR110	1.0	(Supply Voltage 100-120V)		included		Medium
		7MR220	1.0	(Supply Voltage 220-250V)		included		Medium
		7H	1.8	95	135	133kΩ, 1/8W	100kΩ, 1/3W	High
		7HR110	1.8	(Supply Voltage 100-120V ¹)		included		High
		7HR220	1.8	(Supply Voltage 220-250V)		included		High
		7UH	4.5	95	135	12kΩ, 1/2W	39kΩ, 1W ²	Ultra High
		¹ High and ultra high brightness types are not suitable for 100-120V d.c. operation. ² Two 20 kΩ, 1/2W resistors may be used in series.						

FIG. 12

General Notes:

Resistors should be $\pm 5\%$ tolerance types.

Resistor wattages quoted are minima and higher wattage types may be used.

Resistors should have a voltage rating adequate for the supply voltage being used.

For life information see page 6.