



# Photo-Top Technologies Ind. Inc.

## 1.2.1 Neon Lamp series

### © Specification : Neon Lamp

**General Notes:**

Lead wire length Min is 20mm, Max is 65mm.  
 Lead wire should not be soldered or bent closer than 3mm from the glass seal.  
 Resistors should be  $\pm 5\%$  tolerance types.  
 Resistor wattage quoted are minima and higher wattage types may be used.  
 Resistors should have a voltage rating adequate for the supply voltage being used.  
 High and ultra high brightness types are not suitable for 100-120V d.c. operation.

TYPE NO.	DIAMETER (mm)	BREAKDOWN (MAX)		DESIGN CURRENT mA	SERIES RESISTOR (OHM 1/4W)		LIFE HOURS	BRIGHTNESS
		A.C.V.	D.C.V.		110-120V A.C.	220-250V A.C.		
NE31030C	3	70	100	0.5	100K	320K	15,000	Medium
NE31030H	3	95	135	0.7	68K	220K	15,000	High
NE41030S	4	65	95	0.3	150K	470K	25,000	Standard
NE41230S	4	65	95	0.3	150K	470K	25,000	Standard
NE41030C	4	65	95	0.7	68K	220K	25,000	Medium
NE41230C	4	65	95	0.7	68K	220K	25,000	Medium
NE41030H	4	95	135	1.0	47K	150K	25,000	High
NE41230H	4	95	135	1.0	47K	150K	25,000	High
NE41030UH	4	95	135	3.0	15K	47K	15,000	Ultra-High
NE41230UH	4	95	135	3.0	15K	47K	15,000	Ultra-High
NE51230S	5	65	95	0.3	150K	470K	25,000	Standard
NE51230C	5	65	95	1.0	47K	150K	25,000	Medium
NE51230H	5	95	135	1.3	33K	100K	25,000	High
NE51230UH	5	95	135	4.0	12K	37K	15,000	Ultra-High
NE51630S	5	65	95	0.3	150K	470K	25,000	Standard
NE51630C	5	65	95	1.0	47K	150K	25,000	Medium