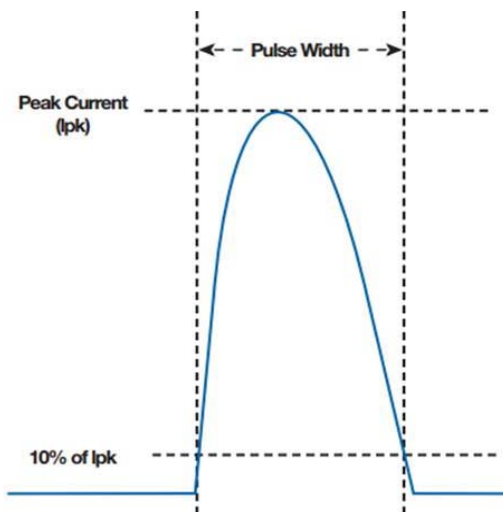


The NEMA (National Electronics Manufacturers Association) is a standard that defines the worst case inrush current expected from lighting control switches to be used with electronic drivers and discharge ballasts. This includes both self-ballasted compact fluorescent lamps and integrated LED lamps.

NEMA specifies that any 20A devices are tested with a 16A load representing 80% of the branch circuit rating. The test setup and criteria for the number, frequency, and duration of cycles, as well as pass/fail criteria, shall be as specified in the referenced Standard UL 508.

The pulse width for this test is defined by ANSI C82.11 or ANSI C82.14.

The pulse width, as defined in the context of this standard, is the time interval between the leading edge and trailing edge of a pulse at a point where the amplitude is 10% of the peak value.



Steady Current (A)	Pulse Width (ms) [120VAC]	Pulse Width (ms) [277VAC]	Pulse Width (ms) [347VAC]
0.5	0.34	0.07	0.34
1	0.48	0.71	0.47
2	0.70	0.85	0.70
3	0.89	0.98	0.86
5	1.20	1.20	1.15
8	1.25	1.25	1.50
10	1.50	1.50	1.67
12	1.80	1.80	1.86
15	2.00	2.00	2.05
16	2.10	2.10	2.10