



**SHORT GUIDE FOR HID LAMP TYPES  
INCLUDING NORTH AMERICAN DATA**

Table 1

METAL HALIDE (HQI)				
Lamp Wattage	Arc Current (nom) RMS		Arc Voltage ((nom) RMS	
	European (EN)	American (ANSI)	European (EN)	American (ANSI)
70	0.9/1.0	0.9 M98	90	85
100	1.1/1.2	1.1 M90	100	100
150	1.8	1.8 M102 1.5 M107	100	95 110
250	2.75 /3.0 2.1/2.3	2.1 M58 & M153	100	133
400	4.0/4.6 3.25/3.6	3.25 M59 & M155	100	135

**NOTE:**

There are no international standards that cover entirely the operation of both lamps and the necessary control gear of regulation and ignition. Only single-ended lamps are listed.

Table 2

HIGH PRESSURE SODIUM VAPOUR (SON)				
Lamp Wattage	Arc Current (nom) RMS		Arc Voltage (nom) RMS	
	European (EN)	American (ANSI)	European (EN)	American (ANSI)
70	0.98	1.6 S62	90	52
100	1.2	2.1 S54	100	55
150	1.8	3.2 S55 1.8 S56	100	55 100
200	-	2.4 S66	-	100
250	2.95	3.0 S50	100	100
310	-	3.6 S67	-	100
400	4.5	4.6 S51	100	100
430	-	4.25 S145	-	116
600	6.2	6.2 S106	100	110

**NOTE:**

Care needs to be taken when recommending that a certain lamp may be employed on alternative ballast unit.