

Electronic Ballast For HID Lamps

220-240V



Approval Marks
In Preparation

Product Specification

Parameter	Conditions	Min	Nom	Max	Unit
Lamp Power	25°C, Nominal Input	-	250	-	W
Input Power	25°C, Nominal Input	-	270	273	W
Rated Input Voltage	25°C	220	230	240	V
AC Input Voltage Range with Tolerance For Safety	25°C	198	-	264	V
Input Frequency	25°C	-	50-60	-	Hz
Input Current	25°C, Nominal Input	-	1.2	-	A
Power Factor	25°C, Nominal Input	0.93	0.98	1	-
Operating Frequency (Square Wave)	25°C, Nominal Input	-	120	-	Hz
Ignition Voltage	25°C, Nominal Input	-	4.00	5.00	KV
Withstand Voltage Test	1500V; 1min	-	5	-	mA
Operating Ambient Temperature	Nominal Input	-15	-	+50	degC
Max Allowed Case Temperature	55°C, Nominal Input	-	-	+85	degC
Average Service Life	at 40°C ambient	50,000	-	-	hours
Failure Rate Per 1000h Operation	at 40°C ambient	-	-	0.20%	-
End - Of - Life Protection			Yes		
Automatic Shutdown In Case Of Lamp Failure			Yes		
Thermal Protection			Yes		

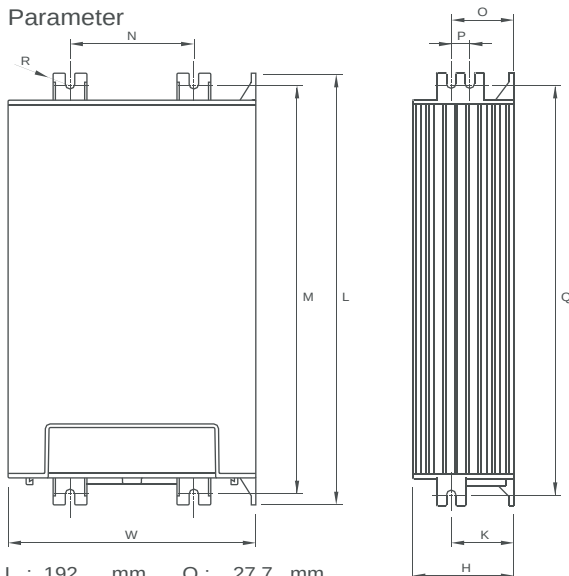
Lamp Type Metal Halide Lamp 250W

Application Space

Epoxy potted suitable for Outdoor Use

Physical

Parameter



L : 192 mm	O : 27.7 mm
M : 182.2 mm	K : 27.7 mm
W : 110 mm	P : 8.2 mm
N : 55 mm	H : 44.8 mm
Q : 182.2 mm	R : 2.1 mm
Tolerance : $\geq 0 \sim 100 \geq +/0.5$ mm	
100 $\sim \geq +/1$ mm	
Slot On One Side Allowing Alignment : $M \pm 3$ mm	
Terminal Block : Push-Button, Angled Entry	
Housing Material : Metal	
Soldering : Lead-Free, Comply With RoHS	
Label : Surface Print	

Wiring Diagram

