

المواصفات الفنية الخاصة بالمحولات الإلكترونية لإضاءة لمبات الصوديوم القابلة للتحكم المتدرج

## Digital Dimmable Electronic Ballast for High Pressure Sodium Lamps 250Watt

Item	Description	Requires Specifications
1	Working voltage Range	160 ~ 265 Volt A/C ballast will be able to work at full power and to start normally under the working voltage range
2	Working Frequency	50 Hz
3	Lamp Type	High Pressure Sodium ( HPS)
4	Lamp Power	250W
5	Lamp Voltage	100 V + or - 5% maximum
6	Ballast Consumed Power	< 18W
7	Ballast working Frequency	High frequency modulated > 50K Hz
8	Ballast out put power	Constant power during working voltage range ( with NO dimming)
9	PF	> 92 %
10	THDi	< 25%
11	Maximum Intensity at ( 220V)	< 1.33 Ampere
12	Starting Method	Soft Start
13	Starting Intensity	< 0.4 Amp
14	Dimming stages	> 3 Stages ( 90% > 80% > 70% > 60% )
15	Dimming range	Possibility for choice between different programs with dimming range from 100% to 50 %
16	Safety protection	Ballast to comply with safety standards as per IEC 61347-2-12
17	Safety protection	Ballast to be equipped with Over working Voltage range protection
18	Safety protection	Ballast over voltage test for > 380V A/C for 24 hours IEC 61347-2-12
19	Safety protection	Ballast to be equipped with Thermal Protection > 110C as per IEC 61347-2-12
20	Ballast Protection	EOL ( End Of Lamp Life ) ballast to shat down at end of lamp
21	Ballast Protection	Base Short circuit ( Ballast out cable is short )
22	Ballast Protection	No Lamp ( ballast will shot down )
23	Ballast Service Life	> 35000 hours
24	Quality Certification	Required international Certification ISO 9000
25	Product Certification	Required Certification
26	Ballast Case	Ballast case need to be made from robust non corrosive material with IP not less than 64
27	Ballast terminals	High Quality fire resistant
28	Ballast working ambient temperature Ta	Ta = Not less than 60C
29	Hot strike	< 60 seconds