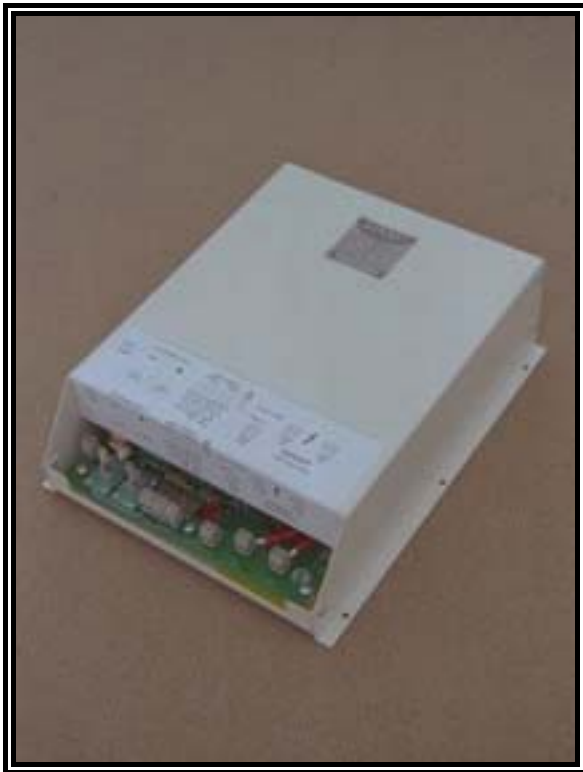


PELANGI

High Intensity Driver

HID:Series



Suitable for 35 to 400 Metal Halide & Sodium discharge Lamps

Optional Extras:

- Hot re-strike within 240 sec.
- Automatic change over circuit to run 2 lamps from single lamp driver.
- Option to build starter/s into station control cubicle.

Overall Dimensions & Specification :

- Width** : 220 + 12 for each flange
- Length (vert.)** : 302 mm
- Height** : 84 mm
- Fixing Holes** : 6 x 4.5 mm thro holes.
- Width Spacing** : 362 mm
- Vert. Spacing** : 131 mm equi-spaced
- Net Weight** : 4.0 Kgs

SINGLE STAGE HIGH FREQUENCY LAMP DRIVER

- Operates at 8KHz to generate a brilliance at a wattage lower than the stated power of the lamp or an increased brilliance for the nominal rating of the lamp.
- 12 or 24 volt D.C. power inputs to lamps by single stage inverters at better efficiencies than normal double stage units. Typical electrical efficiencies:-
35 Watts @ 12 D.C.>85% or 24D.C.>90%
70 Watts @ 12D.C.>82% or 24D.C.>90%
100Watts @ 12D.C.>75% or 24D.C.>87%
150 Watts @12 D.C.>70% or 24D.C.>83%
- Adjustable power output to the lamp in increments up or down of 5%. (20% down or 10% up) to take advantage of electrical & optical efficiencies depending on power source available.
- Single unit size through out power range.
- Reverse Polarity Protection.
- Large operational voltage range permits lamp to remain lit in low battery conditions. Nominal 12 volts :10 –16 volts. Nominal 24 volts : 18 – 35 volts.
- High frequency starting voltage permits longer cable runs than required for conventional ballast starters.
- Frequency modulation is used to regulate power to the lamp changing the drive frequency as the lamp requires it. This in turn reduces warm up times and compensates for lamp ageing.
- LED indicator for both low input voltage & if lamp current falls outside set levels.
- Optically isolated terminal for remote switching on/off lamp.