



Mod. 2555.200

#### PROTECTION FOR HIGH OR LOW INPUT VOLTAGE:

- Avoids ballast breakage in case of wrong mains connection (for instance 380V)

#### POWER FACTOR CORRECTION (ACTIVE LINE FILTER)

#### 16 DIGIT LED DISPLAY:

It include a membrane keypad in order to activate different functions, like:

- Multi-language menu
- System diagnostic
- DMX addressing
- DATA LOG (hour counter for lamp/ballast operation, record of diagnostic status)
- Output Frequency set up (for high speed electronic shutter in PAL or NTSC)

#### LOCAL, REMOTE AND DMX CONTROL:

- 3 position selector allows the choice between the above controls
- DMX IN & OUT connectors are located on a protected receptacle
- In DMX mode it is possible to control the ballast ON/OFF and DIMMER functions

#### LOW NOISE & FLICKER FREE SELECTOR

#### SELF ADJUSTING COOLING SYSTEM:

- Silent fans are normally operated at low speed and quietly. In case the ballast is exposed to high temperature, the fans are increasing their speed to guarantee the proper cooling.

#### DUAL POWER OUTPUT WITH AUTOMATIC SELECTION

#### OUTPUT SHORT CIRCUIT & ARC TO GROUND PROTECTION:

- Avoids ballast breakage in case of output shorts (for instance broken extension cable or defective internal high voltage cables)

#### CONSTANT OUTPUT LAMP POWER

#### QUARTZ GENERATED OUTPUT FREQUENCY

- Automatically generating a square wave at 100Hz if supply is in 50Hz countries (PAL) or 120Hz if supply is in 60Hz countries (NTSC), but it is possible to modify the output frequency on the ballast SET UP (see DISPLAY).
- Important to avoid Flicker in case of HIGH SPEED ELECTRONIC SHUTTER use (for instance Sport Events)

### Electrical Performances

|                                 |                          |           |
|---------------------------------|--------------------------|-----------|
| Input voltage                   | 185 – 265 V              |           |
| Nominal effective input current | 30 A (6kW) - 59 A (12kW) |           |
| Efficiency (Average)            | > 0.93                   |           |
| Power factor (Average)          | > 0.95                   |           |
| Dimmer range                    | 30 % Power               | 50% Light |
| On/Off control                  | Local. Remote or DMX     |           |

### Dimensions and Weight

|                     |   |
|---------------------|---|
| Dimensions          | -Width 285 – Height 465 – Depth 550 (mm.)<br>(without handles and wheels) |
| Weight              | 45 kg. without handles and wheels<br>52.8 kg. With handles and wheels     |
| Working position    | Ballast with control panel facing front.                                  |
| Ambient temperature | -20...+45° C  |