



# THE WIDE RANGE OF UV - IR TECHNOLOGY

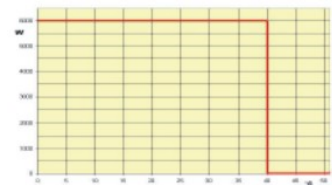


## Electronic Ballast Unit *EVG UV 49-70 AC*

### Technical Data:

Operation of mercury medium pressure and metal halide lamps with electrical characteristics corresponding to the wide working range of the electronic ballast unit.

Control:	DC 0 – 10 V analog, galvanically separated
Efficiency:	typical 92%
Ambient temperature range:	0° - +40°C (+32° - 104°F)
Storing temperature range:	-10 - +70°C (+14° - 158°F)
Water protection:	IP 20
Mounting position:	preferably upright with connectors down or horizontal
Dimensions:	29.5" (750 mm) x 10" (255 mm) x 10.5" (275 mm) w. fan
Weight:	ca. 57 lbs (26 kg)
Mains Voltage/Frequency:	3x376 - 509 V, ± 6%, 50 and 60 cyc.
Frequency:	50 and 60 cyc.
Connection:	L1, L2, L3 plus PE (uniform phase capacity)
Fuses:	3 x 26 A
Switch-on peak current, Mains:	typical approx. 240A (0.01ms), 100A (0,3ms)
Switch-on peak current, Lamp:	none
Lamp current:	2,2 A - 22 A
Frequency:	approx. 255 Hz, rectangular
Nominal voltage of lamp:	100 V bis 450 V
Continuous power output:	max. 9.000 W
Ignition unit integrated:	U <sub>S</sub> = ca. 2x 2000 V symmetric
Output, analog:	DC 0 – 10 V



The efficient cooling is essential to enable maximum power output and extend the life-time of the electronic ballast unit. Both fans are electrically monitored. Low rotation or stop of a fan will automatically turn off the electronic ballast unit.

**Warranty:** 1 year from the date of purchase

Subject to change without prior notice