

# MINIVAR 100W

## MINIVAR



**DIMENSIONS: 155 x 96 x 43mm**

### Dimmable ballast

It works with high pressure sodium vapor lamps, obtaining savings of over 60% compared to the traditional system during the nighttime operating range.

Using the side dip-switches it is possible to set the saving levels, the intervention times, the maximum brightness restoration when the city traffic resumes.

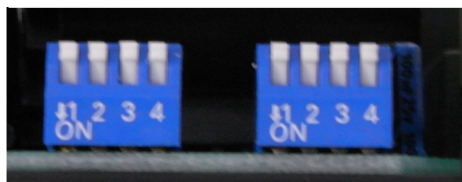
The power supply line must be controlled by a twilight sensor or an astronomical clock.

The module is able to manage the season changes and the solar - legal time.

To program it, follow the instructions using the diagrams on the following page.

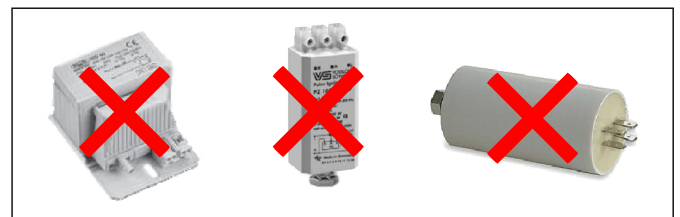
Before connecting the module to the network, program it using the dip-switches

**The module must be connected with no voltage, otherwise DSSTech srl declines all responsibility.**

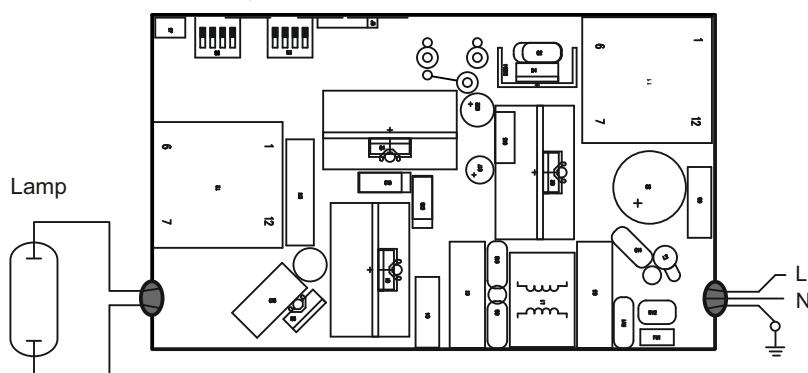


Programming

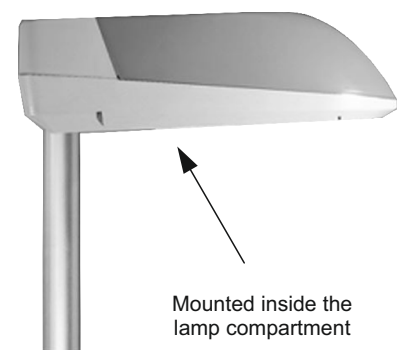
**Before installing the Minivar module, remove from the lamp compartment the shown components.**



**Double insulation (L - N) 4 KV**

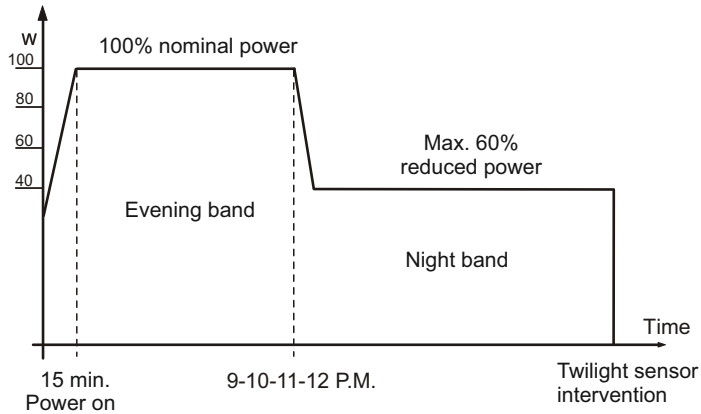


230Vac  
power supply







Mounted inside the  
lamp compartment

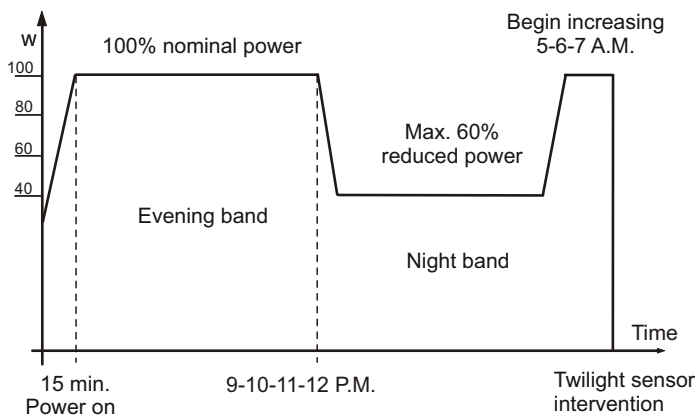
### REDUCTION TIME SCHEDULING







### DIP 1

	PROGRAM		REDUCTION TIME
	1 OFF	2 OFF	9 P.M.
	1 OFF	2 ON	10 P.M.
	1 ON	2 OFF	11 P.M.
	1 ON	2 ON	12 P.M.

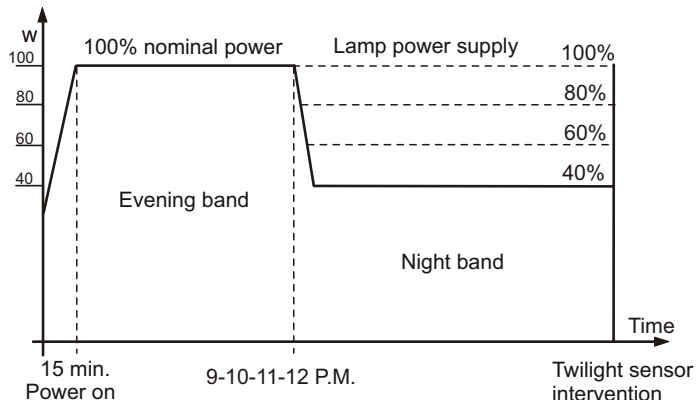
### LAST HOUR SETTING







### DIP 2

	PROGRAM		BEGIN TIME
	3 OFF	4 OFF	No variation
	3 OFF	4 ON	5 A.M.
	3 ON	4 OFF	6 A.M.
	3 ON	4 ON	7 A.M.

### POWER REDUCTION



### DIP 3

	PROGRAM		LAMP POWER	ENERGY SAVING
	1 OFF	2 OFF	40W	<b>60%</b> 70% compared to traditional
	1 OFF	2 ON	60W	<b>40%</b> 50% compared to traditional
	1 ON	2 OFF	80W	<b>20%</b> 30% compared to traditional
	1 ON	2 ON	100W	<b>0%</b> 15% compared to traditional