

## **GENERATOR LED 90W – White with twinkle wheel – DMX - GLE1190D6C-T**



### **Technical characteristics**

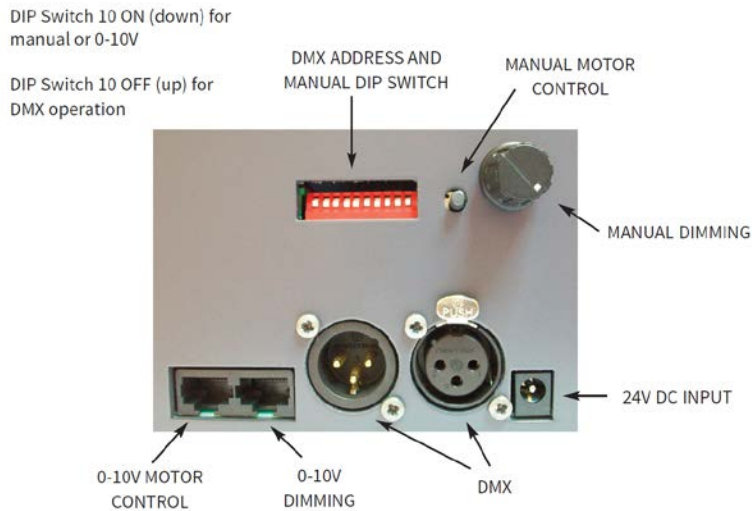
Reference: GLE1190D6C-T  
Power supply: 220 V  
Colors: White with twinkle wheel  
Light source: 90 W LED  
Lifespan: 50000 h  
Maximum number of fibers: 300  $\varnothing$  1 mm  
Size: L: 278 mm, l: 155 mm, h: 128 mm  
Weight: 2,4 kg  
Casing color: grey

This generator can be supplied with different CRI rate :

- CRI 75 :
  - o Color temperature : 5700K
  - o Typical LED output (lumens) : 5700lm
- CRI 88 :
  - o Color temperature : 5300K
  - o Typical LED output (lumens) : 4650lm
- CRI 82 :
  - o Color temperature : 4000K
  - o Typical LED output (lumens) : 5300lm
- CRI 83 :
  - o Color temperature : 3000K
  - o Typical LED output (lumens) : 4650lm
- CRI 98 :
  - o Color temperature: 3000K
  - o Typical LED output (lumens) : 3450lm

Generator LED 90W white with twinkle wheel can be controlled manually or remotely by RJ45 cable or by DMX.

Control buttons are located on the side panel as it is shown by this picture.



### Manual operation

Generator LED 90W can be controlled manually. DIP switch 10 must be ON.

Light source can be dimmed from 0 to 100% using manual dimming button on the side panel.

Speed of color wheel motor can be controlled from stop to 4 speeds using push button Manual Motor Control on the side panel.

Switch position	1	2	3	4	5
Speed (RPM)	1,6	2,6	3,75	5,5	Stop

### 0 – 10V operation – decorative color wheel control sensor

For 0-10V wheel control DIP switch 10 must be ON and RJ45 plug must be plugged into the left hand RJ45 socket on the side panel.

Twinkle wheel can be controlled by receiving 0-10V receiving signal to give stop (0V DC) to varying speed (0.5 to 10V DC) ranging from very slow to fast.

### DMX operation

Generator can be controlled in DMX operation thanks to DMX cable connecting to 3 pin XLR sockets on the panel side. DIP switch must be OFF.

The DMX address of each generator is set manually using DIP switch accessible on the side panel. Each switch number 1-9 indicates a binary number which added together make up the DMX address.

Each generator occupies 3 DMX channels as shown in DMX table below:

- The light source can be dimmed on DMX channel 1.
- The color wheel can be controlled on DMX channel 2
- The light source LED and fan can be controlled on DMX channel 3

Channel	Function	Value	Description
1	Dimming	0-255	From OFF at 0 to brightest 255
2	Twinkle wheel	0	Wheel at stop
2	Twinkle wheel	1-255	Varying rotating speeds from very slow to 7.5rpm at maximum
3	Color wheel	0-250	LED and fan ON
3	Color wheel	251-255	LED and fan OFF