

# KARTA KATALOGOWA

## LED PAR 180W IP65

Załącznik nr 2 do OPZ



Pobór mocy	180W
Napięcie zasilania	110 - 240V
Częstotliwość napięcia	50/60Hz
Typ diody	4w1
Ilość diod	18
Moc diody	10W
Wyświetlacz	LED - 4 znaki
<b>PARAMETRY UŻYTKOWE</b>	
Barwa	RGBW
Strumień świetlny	3000 Lux
Kąt świecenia (min)	25°
Kąt świecenia (max)	25°
Ściemnianie	Płynne: 0 - 100%
Ilość kanałów DMX	8
Standard DMX	DMX 512
Sterowanie	4 przyciski
Tryby pracy	DMX512, Auto, Sterowanie dźwiękiem, Master / Slave
<b>ZŁĄCZA</b>	
AC IN	dedykowane złącze zasilania IP65
AC OUT	dedykowane złącze zasilania IP65
DMX IN	dedykowane złącze DMX IP65 (dołączony adapter 3-pin XLR)
DMX OUT	dedykowane złącze DMX IP65 (dołączony adapter 3-pin XLR)
<b>PARAMETRY FIZYCZNE</b>	
Stopień ochrony IP	IP65
Rodzaj obudowy	ABS
Wysokość [cm]	30
Szerokość [cm]	30
Głębokość [cm]	27
Waga [kg]	5
Waga z opakowaniem [kg]	5,6
W zestawie	kable IP 65
Rodzaj Opakowania	Karton

## 1. INTRODUCTION

THANK YOU FOR PURCHASING **LED PAR 64 18x10W RGBW 4w1 IP65**. FOR SAFETY REASONS AND TO ENSURE THE TROUBLE-FREE OPERATION, CAREFULLY READ THE INSTRUCTIONS.

## 2. SAFETY INFORMATION

■ Please keep this User Manual for future consultation. If you sell the fixture to another user, be sure that they also receive this instruction booklet.

■ Unpack and check carefully there is no transportation damage before using the fixture.

■ Before operating, ensure that the voltage and frequency of power supply match the power requirements of the fixture.

■ It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

■ Disconnect main power before servicing and maintenance.

■ Use safety chain when fixes this fixture. Don't handle the fixture by taking its head only, but always by taking its base.

■ Maximum ambient temperature is: 40°C

Don't operate it where the temperature is higher than this.

■ In the event of serious operating problem, stop using the fixture immediately. Never try to repair the fixture by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.

■ Do not connect the device to any dimmer pack.

■ Do not touch any wire during operation and there might be a hazard of electric shock.

■ To prevent or reduce the risk of electrical shock or fire, do not expose the fixture to rain or moisture.

■ The housing must be replaced if they are visibly damaged.

■ Do not look directly at the LED light spot while the fixture is on.

## WARNING!



**WARNING!** The **LED PAR 64** has a powerful pan motor. The torque reaction when the head is panned suddenly can cause the base to move if the fixture is standing unsecured on a surface. Do not apply power to the **LED PAR 64** unless the baase is securely fastened to a surface or to rigging hardware.

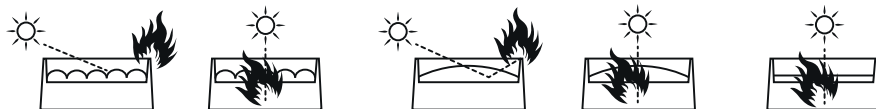
**WARNING!** Use 2 clamps to rig the fixture. Do not hang the fixture from only one clamp. Lock each clamp with both 1/4-turn fasteners. Fasteners are locked only when turned a full 90° clockwise.

**WARNING!** When clamping the fixture to a truss or other structure at any other angle than with the yoke hanging vertically downwards, use two clamps of half-coupler type. Do not use any type of clamp that does not completely encircle the structure when fastened.



**WARNING!** Position or shade the head so that the front lens will not be exposed to sunlight or any other strong light source from any angle - even for a few seconds. **See Figure 2.** The **LMH 150W Spot** lens can focused the sun's rays, creating a potential fire hazard and causing damage.

**IMPORTANT!** Do not point strong light output from other fixtures at the **LED PAR 64**, as intense illumination can damaged the display.



**Figure 2.** Lenses can focused sunlight and strong light, presenting a risk of fire and damage to the fixture. Shield or shade the head if necessary.

### 3. PRODUCT INFORMATION

- Light: LED 4in1
- Control: DMX 512/Auto/Master/Slave, Sound Activate
- Sound controll with sensitivity adjustable
- Housing: Extruded aluminium par housing
- Waterproof: IP65

- 8 DMX channel mode.
- 3-Pin XLR DMX input/output
- Power supply: 110-240V AC, 50-60Hz
- Power consumption: 140 W
- Net Weight: 5kg
- Dimensions: H(30)xW(30)xD(15/26) cm
- Dim. (box): H(29)xW(29)xD(34) cm
- Weight (box): 5,6 kg

### 4. INSTALLATION

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's

weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture. The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people and has no one pass by or under it.

### 5. CONNECTION

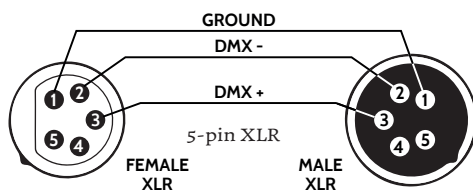
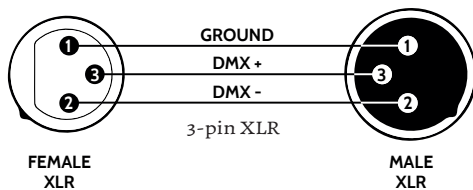
The device is equipped with the following interfaces:

1. DMX (in/out): XLR 3(5)-pin socket
2. Power (in/out): powerCON socket

#### 5.1 Connecting DMX signal

The connection is performed using cable with XLR-female -> XLR-Male plugs.

**CAUTION!** At the last fixture, the DMX signal has to be terminated with a terminator. Solder a 120Ω resistor between signal (-) and signal (+) into a XLR plug and plug it in the DMX output of the last fixture.



5.2 Voltage specification

Input Voltage	Total Power	Frequency
110-240V	140W	50/60Hz

5.3 Connecting power supply

The connection is performed using power cable with PowerCon connector (included). The device must be operated by qualified personnel.

Make sure that the power grid supply parameters are consistent with device parameters and limitations are not exceeded.



**CAUTION!** In the case of cable damage do not attempt to repair. Replacement or repair can be made only on the manufacturer or by a person with appropriate permissions.

**Using lamp, the change rate of power voltage should be within  $\pm 10\%$ , if the voltage is too high, it will shorten the light's life; if it's not enough, the lamp will be dark. Please restart it after turning off light for 20 minutes until full-cooling. Frequent switching will reduce the life span of lamps and bulbs; intermittent using will improve the life of bulbs and lamps.**

## 6. DMX CHANNELS

### 8 CH Mode

CH	Function	Value	Description
1	<b>Dimmer</b>	0-255	R - G - B - Dimmer, Linear, Dark to Bright
2	<b>Red</b>	0-255	R - dimmer, Linear, Dark to Bright
3	<b>Green</b>	0-255	G - dimmer, Linear, Dark to Bright
4	<b>Blue</b>	0-255	B - dimmer, Linear, Dark to Bright
5	<b>White</b>	0-255	W - dimmer, Linear, Dark to Bright
6	<b>Strobe</b>	0-255	Strobe
7	<b>Sound activated</b>	1-79	Macro Function, Sound Activated
8	<b>Speed</b>	0-255	

### Led Display function cross-references

No.	Display		Function
1	<b>D0001</b>	1-512	8 CHs Address Code Change the address code by B or C button
2	<b>CC00</b>	1-99	8 Colors Changing Autorun
3	<b>CJ00</b>		Pulsive changing
4	<b>CP00</b>	1-99	8 Colors mixed changing Speed of gradual changing by B or C button
5	<b>CL00</b>	1-70	8 Colors mixed changing Select color. While change color, with B or C button
6	<b>BEBE</b>		Sound activate
7	<b>R001</b>	0-255	Red color Changing Change the color by B or C button
8	<b>G001</b>	0-255	Green color Changing Change the color by B or C button
9	<b>B001</b>	0-255	Blue color Changing Change the color by B or C button
10	<b>W001</b>	0-255	White color changing Change the color by B or C button