LIGHTBEAM 18, 30, 48, 60 RGBW

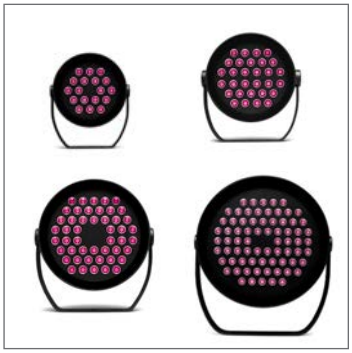
Remote 24VDC

installation instructions

INSTRUCTIONS PERTAINING TO RISK OF FIRE OR INJURY TO PERSONS. READ ALL INSTRUCTIONS. IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

DANGER - RISK OF SHOCK - DISCONNECT POWER BEFORE INSTALLATION! Please read all instructions before installation.

- Keep these instructions for future reference.
- Must be installed by a qualified electrician in accordance with national and local standards. Designplan is not responsible for fixtures installed without regard to these standards.
- Unauthorized alterations or tampering of product voids warranty.
- The main power connection must be in accordance with local electrical codes.
- Suitable for OUTDOOR applications.



Intertek **IP66 IK10**

Electrical Connections:

- LED lights must be **connected in parallel** respecting polarities.
- **CHOOSE POWER SUPPLY ACCORDINGLY.** Please consider the voltage through which fixtures are fed as well as the max power consumption.
- **Connect power only if all the fixtures are connected.**
- The power supplies MUST be installed in aerated rooms, far from heat sources. Overworking or lack of air circulation will not permit natural dissipation.
- Use only Class 2 type electronic power supply.
- Never use switches on secondary circuit.

ATTENTION: **For Wall/Surface-** It is the contractor's responsibility to caulk around all the edges between the fixture and the mounting surface to satisfy wet label requirements.

Maintenance

Scheduled maintenance must be carried out once a year on all lighting devices, regardless of appliance class and type of use. It must include the following operations:

- Periodically clean fixtures to remove dirt from gratings and screw heads.
- Check tightness of screws on various parts of the device.
- Check that all cable glands and cables are intact and tight. Check that the glass or plastic lens is intact, and replace it if broken or damaged.
- The internal components such as the ballast, driver, washers and screws must not show clear signs of oxidation or rust. Clear traces of rust and oxidation will indicate the presence of water inside the device.
- In the case of damage, the components must be replaced by original components or spare parts.

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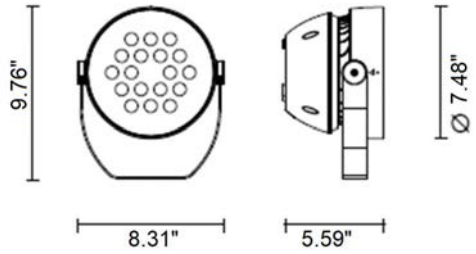
LIGHTBEAM 18, 30, 48, 60 RGBW

installation instructions

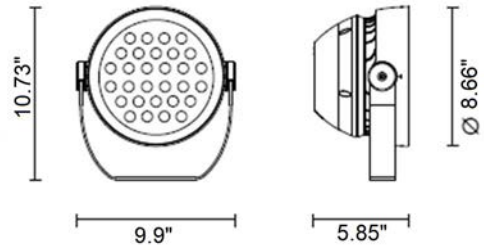
Fixture Installation

COD. 101805



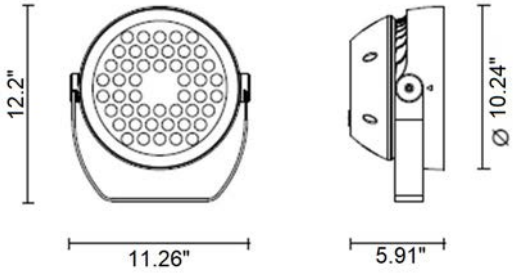
LIGHTBEAM-18 RGBW
-Power consumption : 36W
-Voltage based on customer choice: 220-240Hz or 24VDC
-Color Temperature : R-G-B-W
-Beam angle : 8°-15°-45°-60°-15X60°-20X40°
-Insulation class: III— I
-IK rating : IK08
-IP protection: IP66
-Gross weight: 2.6kg or 5.73 lbs

COD. 101806



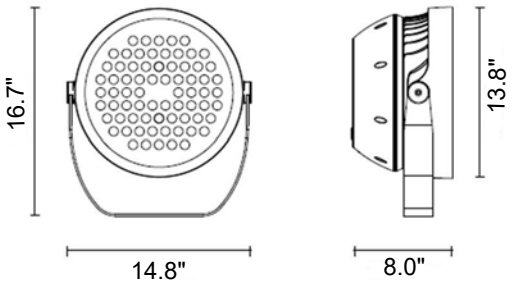
LIGHTBEAM-30 RGBW
-Power consumption : 60W
-Voltage based on customer choice: 220-240Hz or 24VDC
-Color Temperature : R-G-B-W
-Beam angle : 8°-15°-45°-60°-15X60°-20X40°
-Insulation class: III— I
-IK rating : IK08
-IP protection: IP66

COD. 101807



LIGHTBEAM-48 RGBW
-Power consumption : 100W
-Voltage based on customer choice: 220-240Hz or 24VDC
-Color Temperature : R-G-B-W
-Beam angle : 8°-15°-45°-60°-15X60°-20X40°
-Insulation class: III— I
-IK rating : IK08
-IP protection: IP66

COD. 101808



LIGHTBEAM-60 RGBW
Power consumption : 150W
Color Temperature : R-G-B-W
Beam angle : 8°-15°-45°-60°-15X60°--20X40°
Insulation class: III— I
IK rating : IK08
IP protection: IP66

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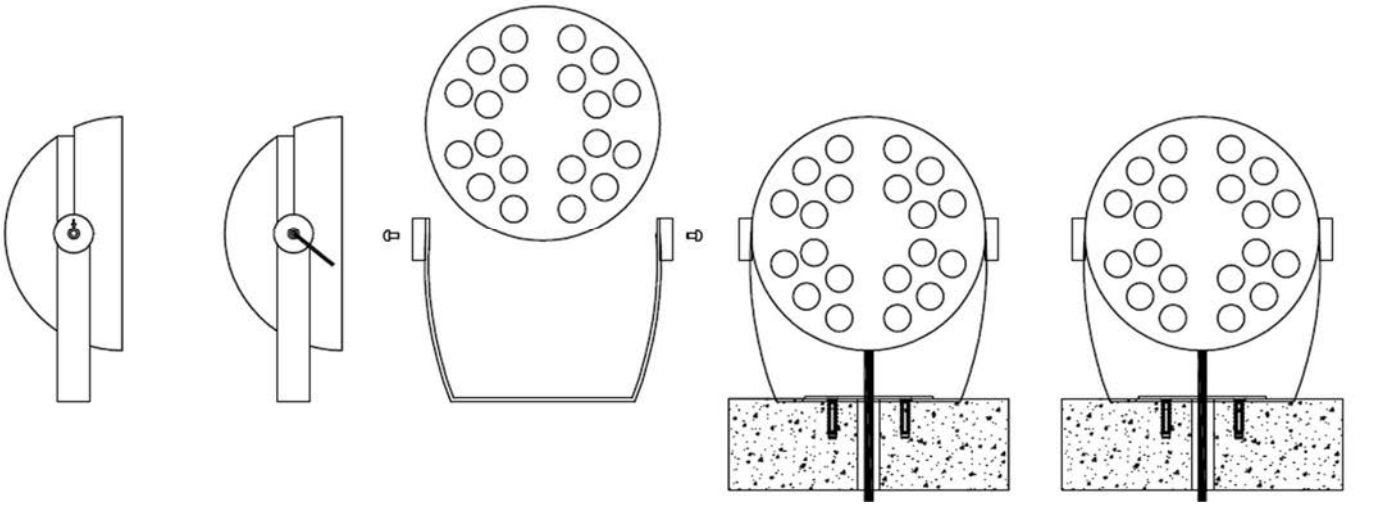
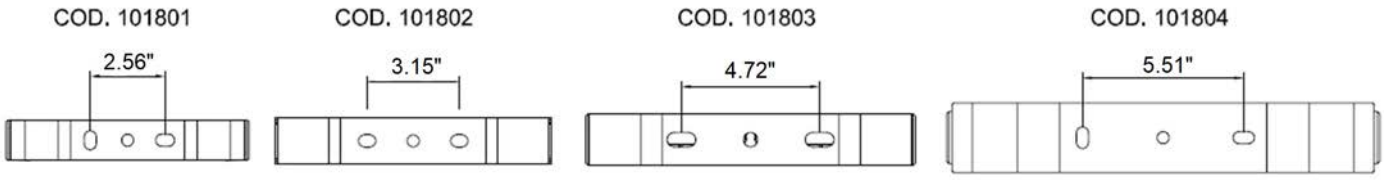
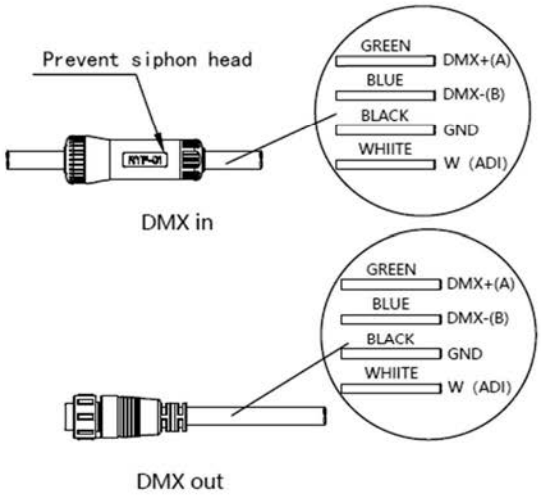
Fixture Installation

- Loosen the two bracket screws (using the tool included in the package) and remove the fixing bracket
- Drill holes for the screws to go through
- Fix the bracket to the floor and tighten the screws of fischer plugs (not included in the package)
- Feed the cable through the feeding point hole and make the appropriate electrical connections
- Fix the luminaire to the bracket and tighten the two hexagonal screws



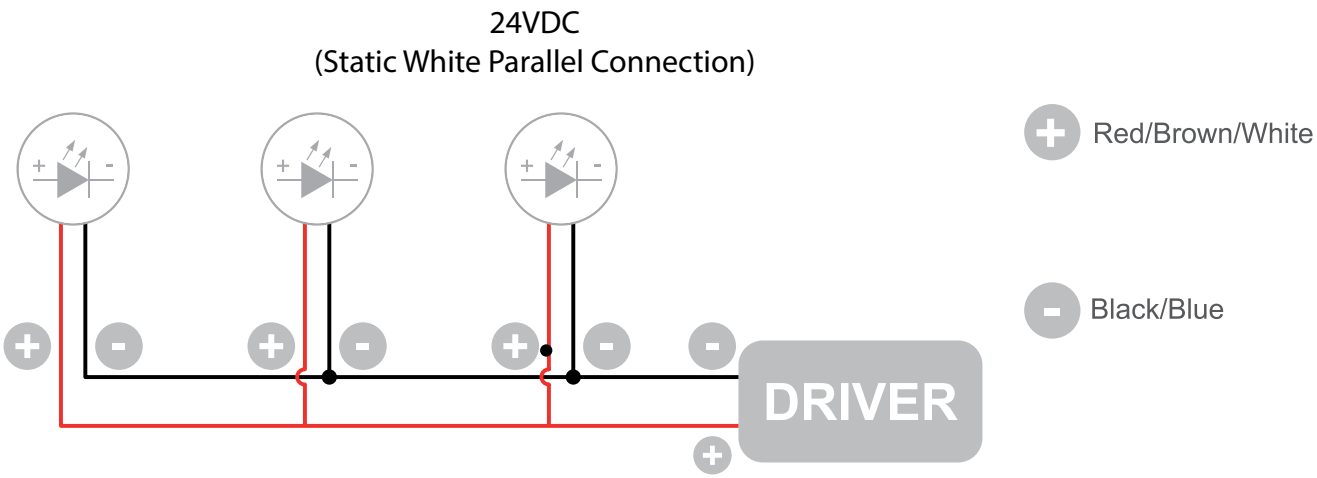


DMX Wiring Connections



- If DMX connection cables are provided, connect DMX connector to DMX in receptacle.
- In case connection cables are NOT provided, cut off the connectors, strip wire heads, and hardwire DMX connections.

Wiring Diagram



The individual lamps must be connected in parallel. Only power up the system once all the lamps have being connected.

- Only power up the system once all the lamps are connected. Connecting an individual lamp to an active power supply may cause the lamp to break due to over-voltage.
- Lamps and power supply units must be installed in well-ventilated boxes or locations to allow a natural heat diffusion and avoid the devices overheating.
- On the power system, install a surge protection device to reduce the intensity of any voltage spikes to protect the lighting fixtures from the risk of damage.
- Fixture NOT suitable for covering with thermally insulating material.

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