

# RING MINI HP

# RING MINI DMX RGBW

-COD. 101404

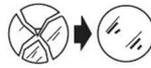
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## ASSEMBLY AND OPERATING INSTRUCTIONS:



Made in Italy

IP66



- replace the damaged protective glass
- sostituire i vetri di protezione se danneggiati
- die Beschädigten Schutzgläser ersetzen
- remplacer les verres de protection abimés
- glass features: plane float glass - safety tempered
- caratteristiche vetro: vetro piano float di sicurezza temperato
- Glaseigenschaften: Float-Flachglas, gehärtetes Sicherheitsglas
- caractéristiques du verre: type de verre: plan" float" de sûreté trempé



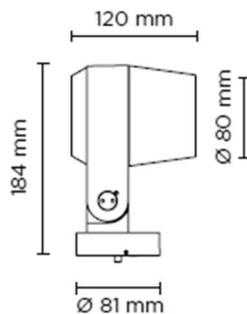
- getting rid of as urban waste forbidden
- separate collection is mandatory when the product is at the end of its life



- GB Retain the instructions.
- I Conservare le istruzioni.
- D Retain the instructions.
- F Bewahren Sie die Anleitung.
- E Conservez ces instructions.

**NB:** These assembly instructions must be given to end users for correct maintenance and so that they know how to change the bulb. The appliance must not be tampered with or transformed and it must be installed and used as supplied and in compliance with the National Rules on Installations. Any non-compliant installations will invalidate all forms of guarantee. The company cannot be held

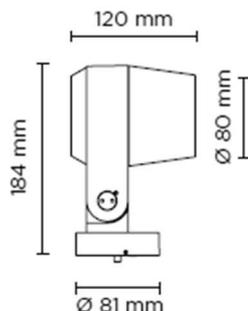
### COD. 101404



#### RING MINIHP

- Power consumption : 8W
- Voltage : 220-240V 50-60Hz
- Color Temperature : 3000K - 4000K
- Beam angle : 4° 10° 28°
- Insulation class: I
- IK rating : IK10
- IP protection: IP66
- Gross weight: 1.5kg

### COD. 101404RGBW



#### RING MINI DMX RGBW

- Power consumption : 4.5W
- Voltage : 24 Vdc
- Color: RGBW
- Beam angle : 12°-25°-35°
- Insulation class: III
- IK rating : IK10
- IP protection: IP66
- Gross weight: 1.5kg

## Recommendations

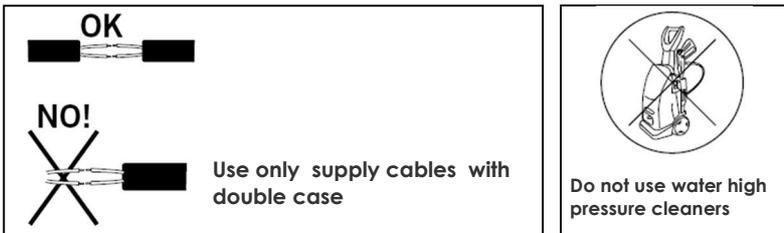
- 1) verify that the equipment used to connect our devices to enjoy all the guarantees required under European law;
- 2) use the cables, connectors and quality materials for electrical wiring;
- 3) Products with IP66 degree make the wiring / connections with accessories provide the same degree IP of the selected product (available in the catalog);
- 4) In the case of installations outside is not recommended to install the power supplies in the formwork and / or in the junction box without adequate protection
- 5) Honey-comb louvre must be installed directly from the manufacturer . Please mention it during the order

## Choice of installation location

The unit should be positioned so that when in use is not subject to direct radiation from the sun or other heat sources . High temperatures reduce the life and efficiency of the components or the LED module .

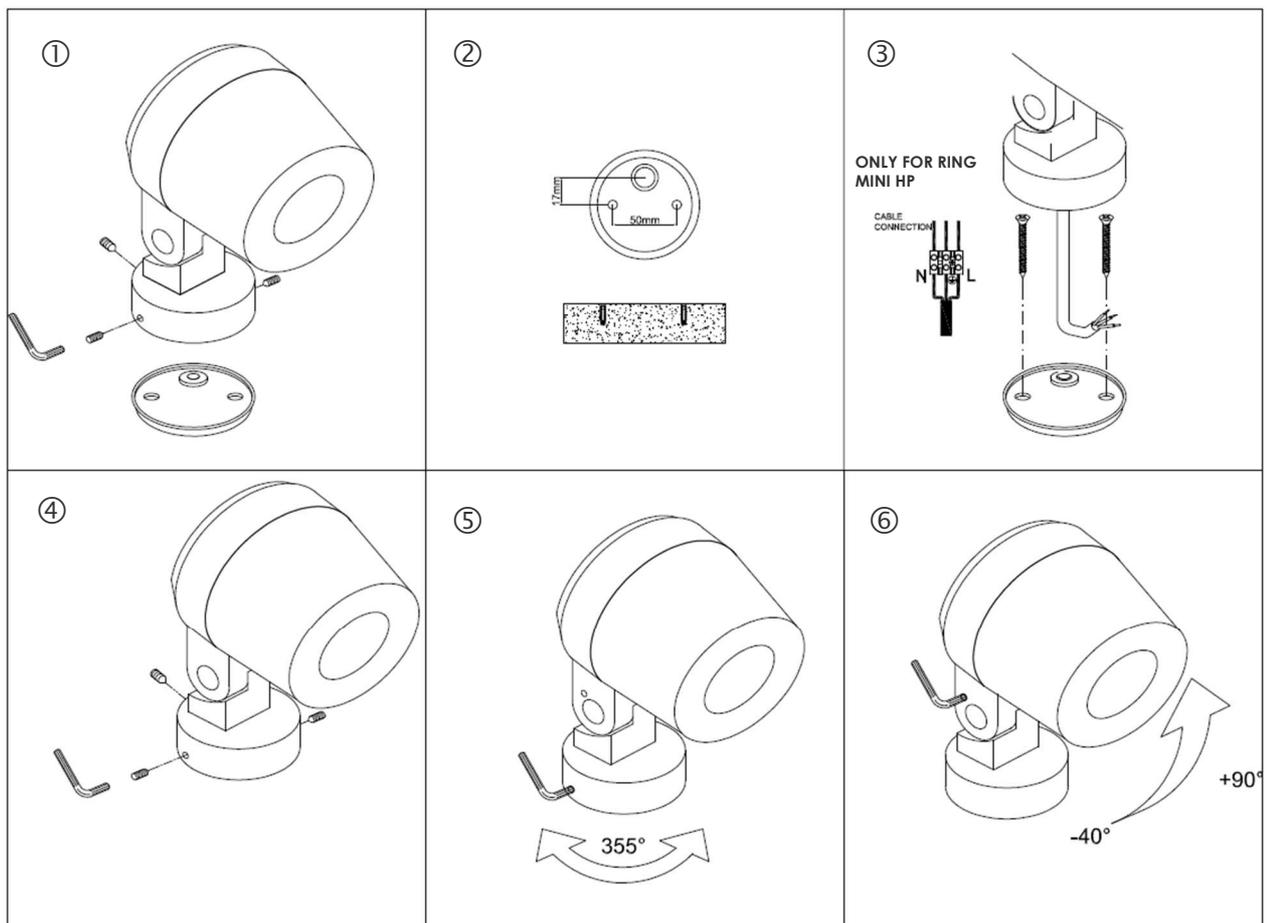
## Note on corrosion protection

For installation and maintenance be especially careful not to damage the coating powder . Damage combined action of water could cause corrosion.

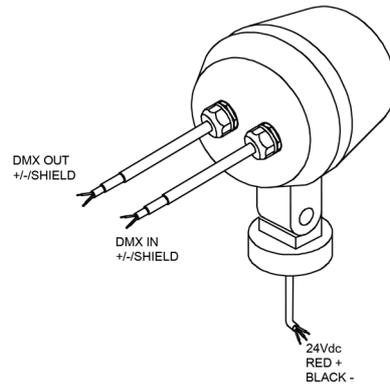


Installation:

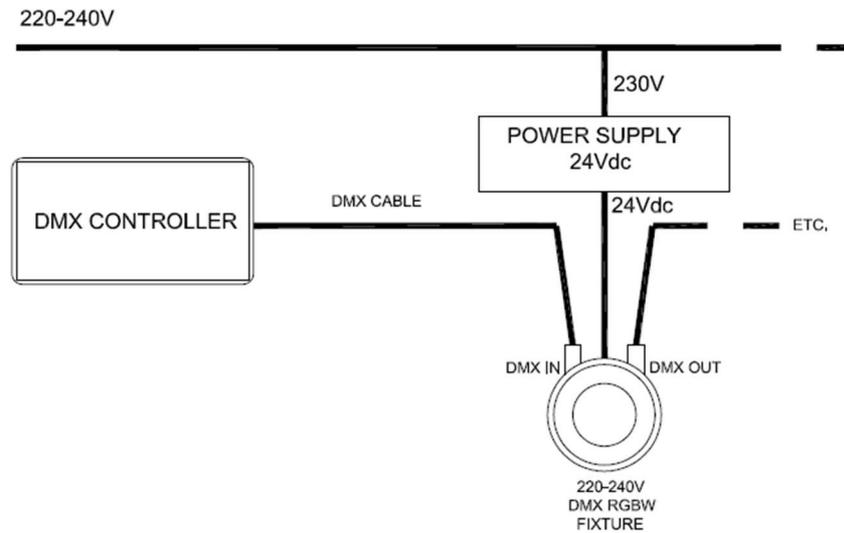
1. Loose the three grub-screws in the base and remove the cover pic.1
2. Prepare holes in correspondance of the feeding point pic. 2
3. Fix the base by tighten the screws of the fischer plugs,insert the cable through the cable gland making the adequate electrical connection pic3
4. Close the luminaire by tighten the three grub-screws using the tool included in the package pic. 6
5. Make the regulation of the luminaire horizontal and vertical and then fix it by tighten the grub screws pic 5-6



## -DMX RGBW Installation:



## Wiring diagram for RGBW version:



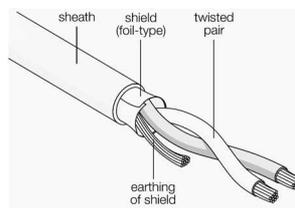
DMX/RDM is a robust and reliable system for lighting control. However, if not implemented correctly, problems can arise such as random flashing of lights, erratic operation and delays in responding to commands. This document explains the best practices in DMX wiring.

The DMX controller sends signals over the DMX cable to the drivers. At the last driver, the cable has to be terminated with a 120Ω resistor to prevent reflections of the signal.

Important things to consider are:

-Always use cable specifically designed for DMX / RS-485. These cables have an impedance of 120Ω and a low capacitance. For instance: Belden 9841 or 3105a.

### Belden 9841 cable



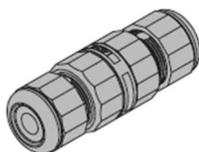
DMX must be terminated with a 120Ω resistor to prevent reflections.

-A daisy chain topology should be used.

-After 32 unit loads a repeater/booster should be used.

-Keep cabling below 300 metres between the controller and the last driver.

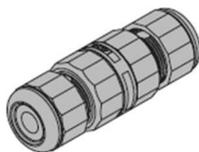
## CLASS I



See the connector accessory instruction

<b>L</b>	Life / Linea / Leitung Ligne / Linea / Fas Fase / Фаза / Vaihe Linha	Brown / Marrone / Braun Brun / Marrón / Brun Bruin / коричневы́й Marrom
<b>N</b>	Neutral / Neutro / Null Neutre / Neutro / Nolla Nul / Ноль / Nolla Neutro	Blue / Blu / Blau Bleu / Azul / Blå Blauw / сини́й Azul
	Earth / Terra / Erde Terre / Tierra / Jord Aarde / Земля / Suojamaa Terra	Yellow-Green / Giallo-Verde / Gelb-Grün Jaune-Vert / Amarillo-Verde / Gul-Grön Geel-Groen / Желто-зелены́й Keltainen-Vihreä / Amarelo-Verde

## CLASS III 24Vdc



RED WIRE + Positive

BLACK WIRE— Negative

## ACCESSORIES :

ACO44 - SPIKE



ACO48

HONEYCOMB LOUVER

