CIELO MINI +RGBW

COD 701301-COD 701302-COD 701303-COD 701304-COD 701305 – COD 701306

ASSEMBLY AND OPERATING INSTRUCTIONS:

-Class I fitting electric gruonding is needed
COD.207001-2-4-5-6

protection class III
products that can only be operated with protected extra-low voltage COD 207003

-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

CE Made in Italy **IP67 IK10**

DALI

Retain the instructions

The article is suitable for indoor and outdoor use

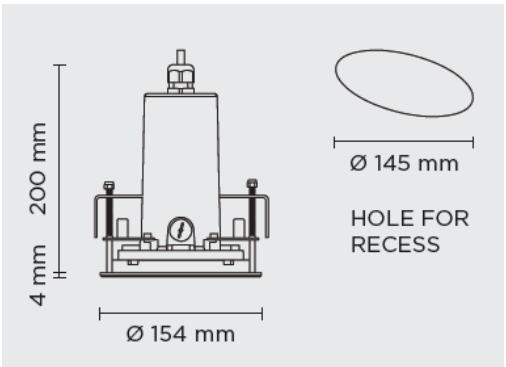
-Electronic equipment sensitive to voltage surges. The installation of a protective device against overvoltages on the electrical system attenuates the phenomena protecting apparatus from the risk of damage.

Do not use high pressure cleaners

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 responsible for damage caused by incorrect assembly.

COD. 701301

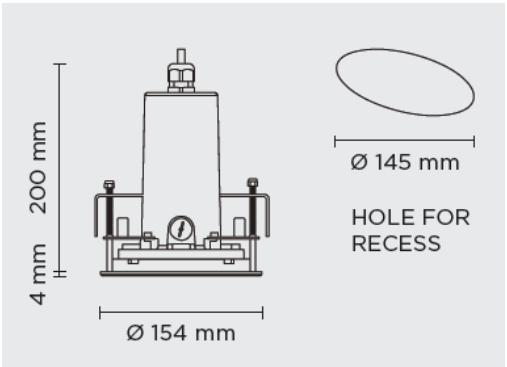




CIELO MINI COB
-Power consumption : 8W
-Voltage : 220-240V 50-60Hz
-Color Temperature : 2700K - 3000K - 4000K
-Beam angle : 18° 36° 60°
-Insulation class: I
-IP protection: IP67
-IK rating IK10
-Adjustable: +15°-15°
-Gross weight: 5,5kg
-Photobiological risk RG1 – IEC/TR 62778:2014
-Glass temperature 51°C
-Max static weight 5000kg

COD. 701302

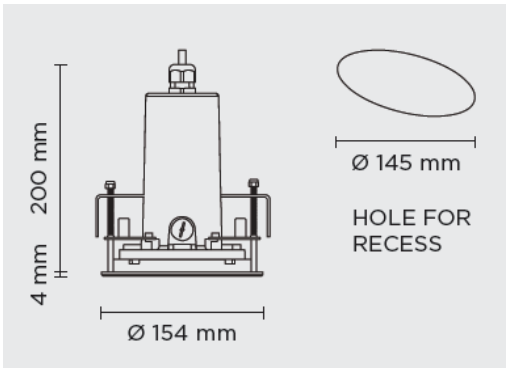




CIELO MINI HP
-Power consumption : 8W
-Voltage : 220-240V 50-60Hz
-Color Temperature : 2700K - 3000K - 4000K
-Beam angle : 4° 10° 28°
-Insulation class: I
-IP protection: IP67
-IK rating IK10
-Adjustable: +15°-15°
-Gross weight: 5,5kg
-Photobiological risk RG1 – IEC/TR 62778:2014
-Glass temperature 51°C
-Max static weight 5000kg

COD. 701303

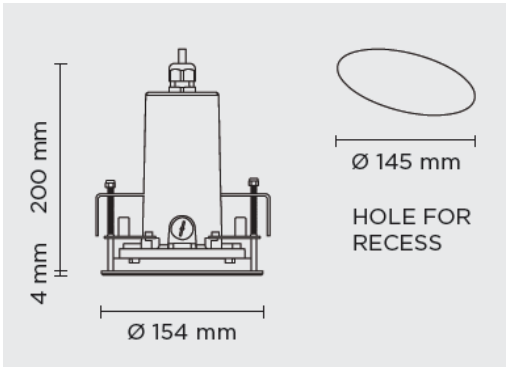




CIELO MINI HP DMX RGBW
-Power consumption : 4.5W
-Voltage : 24Vdc
-Color Temperature : RGBW
-Beam angle : 12° 25° 35°
-Insulation class: III
-IP protection: IP67
-IK rating IK10
-Adjustable: +15°-15°
-Gross weight: 5,5kg
-Photobiological risk RG1 – IEC/ TR 62778:2014
-Glass temperature 51°C
-Max static weight 5000kg

COD. 701304

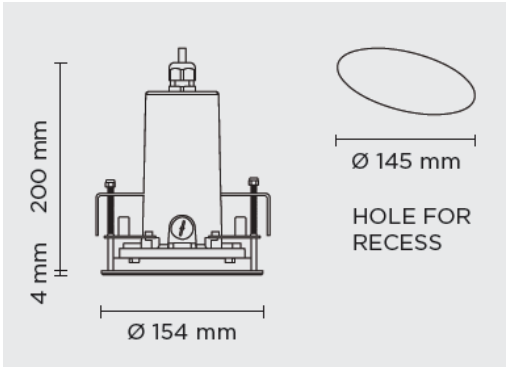




CIELO MINI DIFFUSED
-Power consumption : 6W
-Voltage : 220-240V 50-60Hz
-Color Temperature : 2700K - 3000K - 4000K
-Beam angle : DIFFUSED
-Insulation class: I
-IP protection: IP67
-IK rating IK10
-Adjustable: +15°-15°
-Gross weight: 5,5kg
-Photobiological risk RG1 – IEC/ TR 62778:2014
-Glass temperature 51°C
-Max static weight 5000kg

COD. 701305

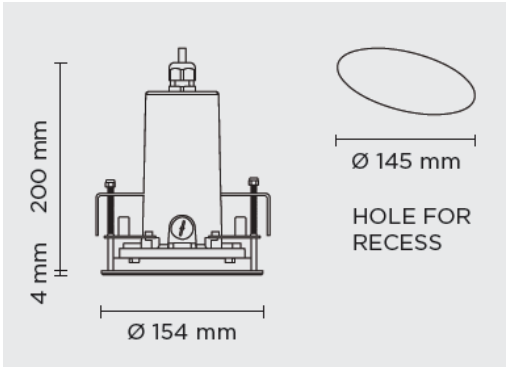




CIELO MINI WALL- WASHER
-Power consumption : 6W
-Voltage : 220-240V 50-60Hz
-Color Temperature : 2700K - 3000K - 4000K
-Beam angle : WALL WASHER
-Insulation class: I
-IP protection: IP67
-IK rating IK10
-Gross weight: 5,5kg
-Photobiological risk RG1 – IEC/ TR 62778:2014
-Glass temperature 51°C
-Max static weight 5000kg

COD. 701306





CIELO MINI BLADE
-Power consumption : 8W
-Voltage : 220-240V 50-60Hz
-Color Temperature : 2700K - 3000K - 4000K
-Beam angle : 8° 170°
-Insulation class: I
-IP protection: IP67
-IK rating IK10
-Adjustable: +15°-15°
-Gross weight: 5,5kg
-Photobiological risk RG1 – IEC/ TR 62778:2014
-Glass temperature 51°C
-Max static weight 5000kg

CIELO MINI
-The luminaire is supplied by us with LED illuminator already installed with built in SELV power supply.
-If the external flexible cable of this luminaire is damaged, it must only be replaced by the manufacturer, its assistance service, or equivalent qualified personnel, in order to avoid dangers.
-Luminaire for installation in restricted access areas
-The cable and the fixture must not be tampered with for any reason.
-It is essential to do a frequent cleaning of the glass and of the outer surface of the fixture to avoid build up of mud and dirtiness resulting in dangerous overheating due to uncorrect light and heat dissipation. Clean carefully the glass screen removing limestone deposits by means of a scraper.
-The replacement must be done by a qualified electrician.
-To replace the LEDs, contact the company: PUK ITALIA GROUP srl - via San Giorgio 16 - 20851 LISSONE (MB) ITALY

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 IP65/68 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)Terminal block not incuded. Installation may require advice from a qualified person. For wiring use a terminal complies with EN60998-2-1, EN 60998-2-2

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

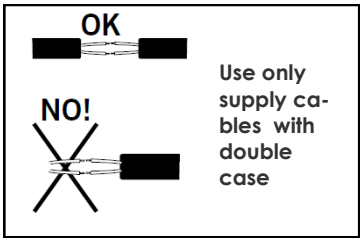
- Install recessed in the ground so that water can flow away from the surface of the device. Both for the recessed directly in the ground , both for the use of a recessed housing , it is necessary to perform a further drainage , for example , using a bed of gravel.- For installation and maintenance must be especially careful not to damage the coating powder . Damage combined action of water could cause corrosion.

Recommend mounting the device to the floor with a pH value between 5 and 8. In ambient environment the assembly and maintenance of all components require the appropriate security measures . The chemicals damage the corrosion protection

INSTALLATION:

-SWITCH-OFF THE POWER SUPPLY BEFORE CARRYING OUT ANY MAINTENANCE OPERATIONS

1. Prepare a hole for recessind diam 145mm (tolerance +0.5-0.5mm)
2. Connect the power cable to the initial power supply line using the appropriate connector , regulate the light beam position, acting on the lateral screw by a screwdrive (before unscrew and remove the covering cup)
3. Insert the device into the ceiling tighten the two screws on the front ring .



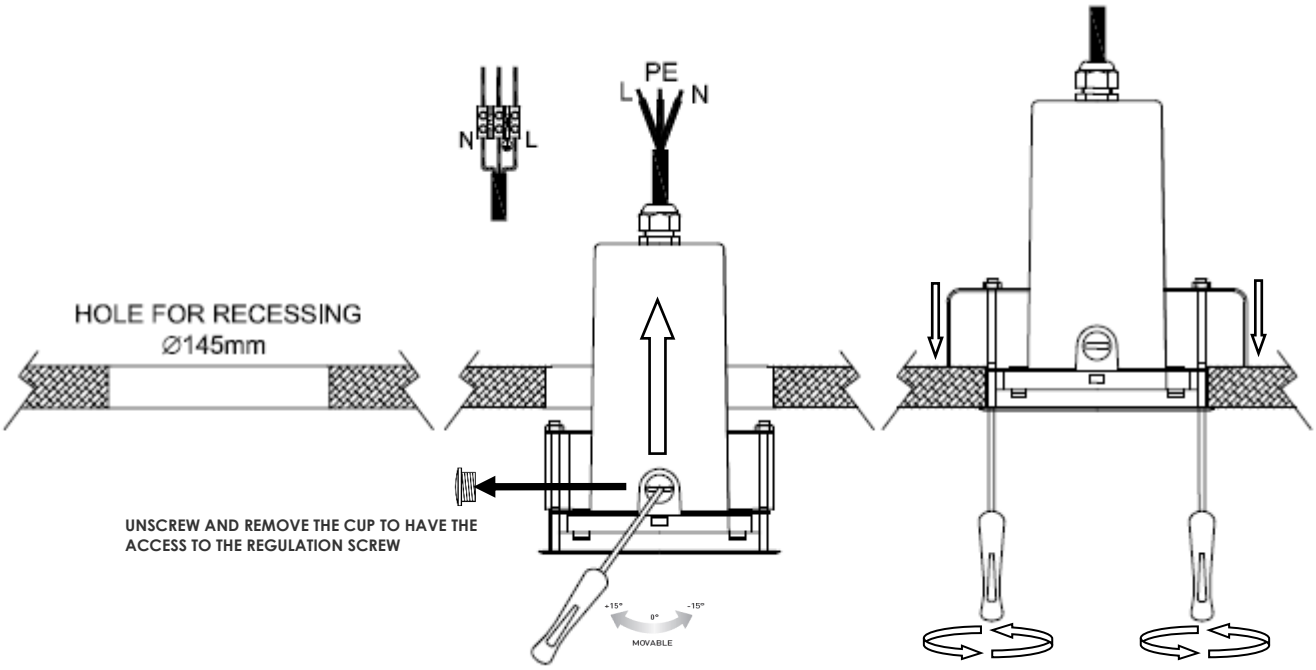
Use only supply cables with double case



H07RN-F

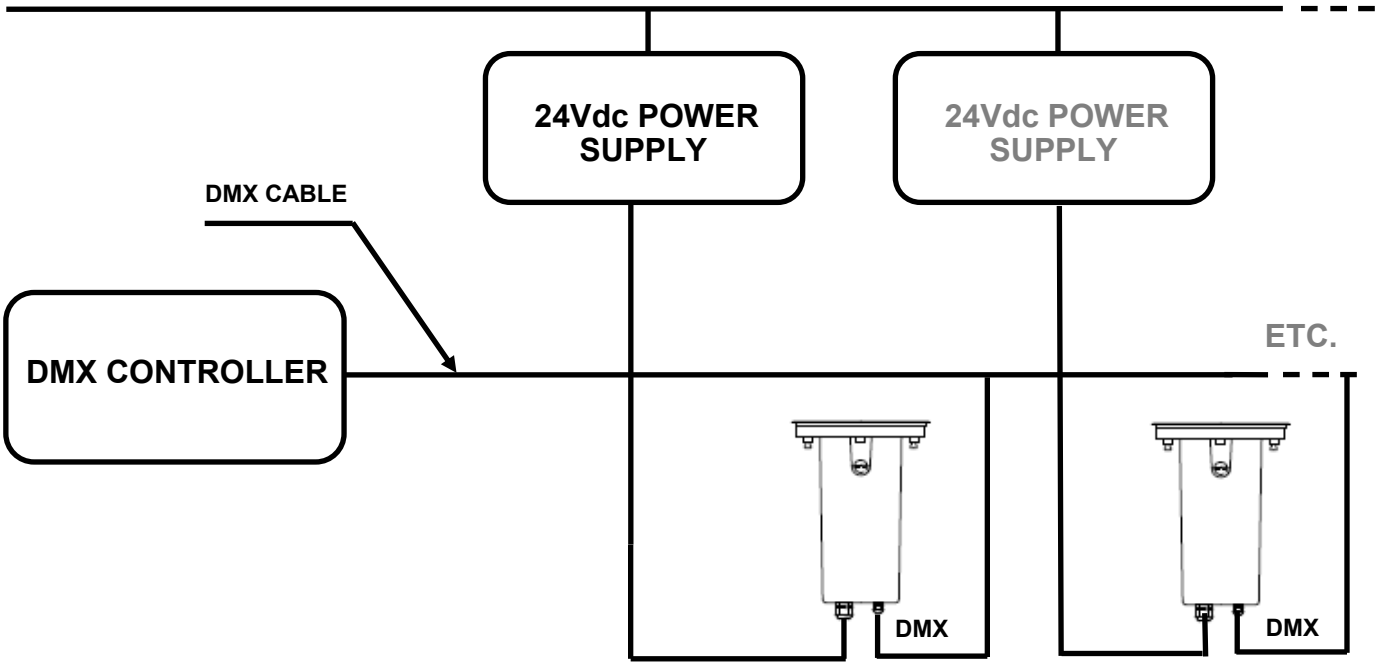
1,5 mm²

Use only <HAR> flexible cables of suitable diameter. DO NOT USE HARD CABLES OR ARMORED CABLE (hard cable could effect the IP65-IP67 protection)



WIRING DIAGRAM WITH DMX CONTROLLER FOR CIELO MINI HP DMX RGBW

220-240V

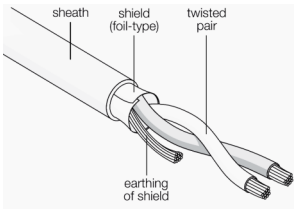


DMX/RDM is a robust and reliable system for lighting control. However, if not implemented correctly, problems can arise such as random flashing of lights, erratic operation and delays in responding to commands. This document explains the best practices in DMX wiring.

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.

ACCESSORIES

AC116 - HONEYCOMB LOUVER FOR CIELO MINI

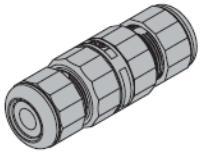


AC117 - GLARE SHIELD FOR CIELO MINI



Glare shield accessory made in hard anodized black aluminum, for applications requiring very reduced glaring; minimal light loss on the light surface but overall lumen output typically reduced by 50%.

CLASS I

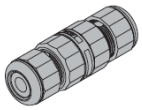


See the connector accesso-
ry instruction

L	Life / Linea / Leitung Ligne / Linea / Fas Fase / Фаза / Vaihe Linha	Brown / Marrone / Braun Brun / Marrón / Brun Bruin / коричневый/ruskea Marrom
N	Neutral / Neutro / Null Neutre / Neutro / Nolla Nul / Ноль / Nolla Neutro	Blue / Blu / Blau Bleu / Azul / Blå Blauw / синий/Sininen 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-зеленый Keltainen-Vihreä / Amarelo-Verde

CLASS III 24Vdc

See the connector accesso-
ry instruction



BROWN WIRE + Positive

BLUE WIRE— Negative

RAEE - WEEE

GB Directive 2002/96/CE (Waste Electrical and Electronic Equipment - WEEE): information forusers
The crossed out wheeled bin label that can be found on your product indicates that this product should not be disposed of via the normal household waste stream. Topreventpossibleharm totheenvironmentorhumanhealthpleaseseparatethisproductfromotherwastestreamstoensurethatitcanbe recycledinanenvironmentallysoundmanner. Formoredetailson availablecollectionfacilitiespleasecontactyourlocalgovernmentofficeortheretailer where you purchased this product.

I DIRETTIVA 2002/96/CE (Rifiuti di Apparecchiature Elettriche ed Elettroniche - RAEE): informazioni agli utenti
L'etichetta con il cassonetto barrato presente sul prodotto indica che il prodotto non deve essere smaltito tramite la procedura normale di smaltimento dei rifiuti domestici. Per evitare eventuali danni all'ambiente e alla salute umana separare questo prodotto da altri rifiuti domestici in modo che possa venire rici- clato in base alle procedure di rispetto ambientale. Per maggiori dettagli sui centri di raccolta disponibili, contattare l'ufficio governativo locale o il rivenditore del prodotto.

D Richtlinie 2002/96/EU (Elektro- und Elektronik- Altgeräte - WEEE):
Benutzerinformationen
Der Aufkleber mit durchgekreuzter Mülltonne an diesem Produkt weist darauf hin, dass dieses Produkt nicht im normalen Hausmüll entsorgt werden darf. Zur Vermeidung einer mögli- chen Beeinträchtigung der Umwelt oder der menschlichen Gesundheit darf dieses Produkt nicht in den Hausmüll gegeben werden, um zu gewährleisten, dass es in einer umweltver- träglichen Weise recycelt wird. Wenden Sie sich für Informationen zu Entsorgungseinrichtungen an die zuständige Behörde oder das Geschäft, in dem Sie dieses Produkt erworben haben.

F Directive 2002/96/CE (Déchets d'èquipements èlectriques et èlectroniques - DEEE):
informations aux utilisateurs
L'étiquette apposée sur ce produit et représentant une poubelle à roulettes rayée indique que le produit ne peut être mis au rebut avec les déchets dome- stiques normaux. Afin d'éviter d'éventuels dommages au niveau de l'environnement ou de la vie humaine, veuillez séparer ce produit des autres déchets de manière à garantir qu'il soit recyclé de manière sûre au niveau environnemental. Pour plus de détails sur les sites de collecte existants, veuillez contacter l'administration locale ou le détaillant auprés duquel vous avez acheté ce produit.

E Directiva 2002/96/CE (Residuos de aparatos eléctricos y electrónicos - RAEE):
Información para el usuario
La etiqueta de un contenedor tachado que hallará en su producto indica que este producto no se puede tirar con la basura doméstica normal. Para impedir posibles daños medioambientales o para la salud, separe este producto de otros canales de desecho para garantizar que se recicle de una forma segura para el medio ambiente.
Para más información sobre las instalaciones de recolección disponibles, diríjase a las autoridades locales o al punto de venta donde adquirió este producto

SE Directive 2002/96/CE (Waste Electrical and Electronic Equipment - WEEE) information for users

Symbolen med en överkorsad soptunna innebär att denna produkt inte får kastas i vanligt hushållsavfall. För att skydda miljön och hälsan bör denna pro- duktintekastastillsammansmedvanligt hushållsavfallutanlämnasföråtervinningpåtillbörligtsätt. örmerinformationomuppsamlingsplatser,kontakta en lokal myndighet elleder den återförsäljare som du köpte produkten från.

NL Richtlijn 2002/96/EG (Afgedankte Elektrische en Elektronische Apparaten - AEEA):

informatie voor de gebruikers
Op uw product is een label van een rolcontainer met een kruis erdoor aangebracht. Dit wil zeggen dat dit product niet bij het normale huishoudelijk afval mag worden gedaan. Om eventuele schade aan het milieu of de gezondheid van de mens te voorkomen moet dit product gescheiden van al het ander afval worden ingezameld, zodat het op een verantwoorde wijze kan worden verwerkt. Voor meer informatie over uw lokale afvalinzameling wendt u zich tot uw gemeente of de leverancier bij wie u dit product hebt gekocht.

This information only applies to customers in the European Union, according to Directive 2002/96/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 27 January 2003 on waste electrical and electronic equipment (WEEE) and legislation trasposing and imple - menting it into the various national legal systems.