l'ombre®
EXCLUSIEVE VERLICHTING

HEN-L-DB
HENRI COLLECTION

PRODUCT DETAILS

The Henri collection, designed by l'ombre exclusive lighting, is characterized by a subtly rounded silhouette that curves outward to create a unique shape. The lighting fixture has a frame in brass and features a fine knurled detail. Brass ensures the high durability of the unique lighting fixture. The handcrafted Henri is finished in bronze. This elegant finish not only excludes craftsmanship but also creates a unique atmosphere around the home.

hib handmade in BELGIUM powered by unizo

SPECIFICATIONS

230 Vac | IP44 | E27

PRODUCT CODE	LENGTH	WIDTH	HEIGHT	WEIGHT	MATERIAL	FINISH
HEN-L-DB	200 mm	600 mm	2650 mm	12 kg	Brass	Dark bronze
Groundspike	350 mm	350 mm	504 mm	4 kg	Inox	/

ACCESSOIRES INSIDE THE BOX: WHAT'S INCLUDED


4x

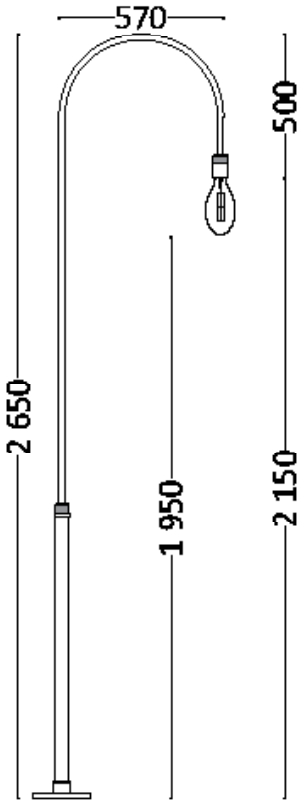
BOX
1x


3x


3x

GEL
1x


1x
Sold Seperately



INSTALLATION GUIDE

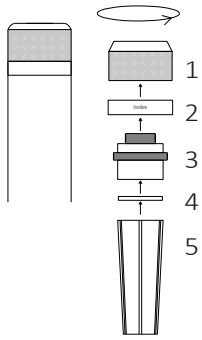
These instruction are made for your safety. Please read them entirely before starting with the installation of the appliance.

This product may only be installed by an authorised electrical installer.

Make sure there are no other cables close by the place of the power cables.

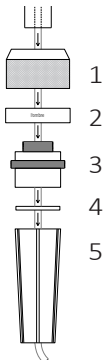
Ensure to switch OFF the fuse before the installation

1



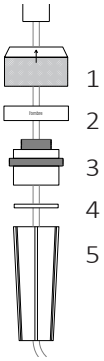
Rotate component 1,2,3,4 & 5 of the pole.

2



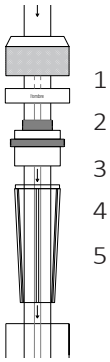
Pass the electric wire through the five components.

3



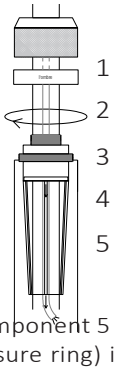
Put component 1 on the upper pole.

4



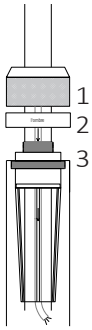
Put the pole and the wire through the pole below

5



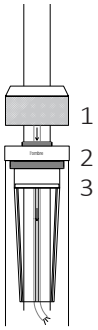
Insert component 5 and component 4 (the pressure ring) in the pole below, rotate component 4 and attach it to the pole below

7



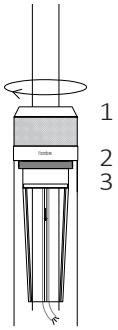
Put component 2 on top of component 3 on the pole below.

8



Put component 1 on top of component 2 on the pole below.

9



Rotate component 1 and attach it to the pole below

OTHER IMPORTANT INFORMATION

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Moortelmeers 3 B-8740 Pittem - T0032 51 69 83 62 - info@lombre.be - www.lombre.be

INSTALLATION GUIDE FOR SOFT GROUND

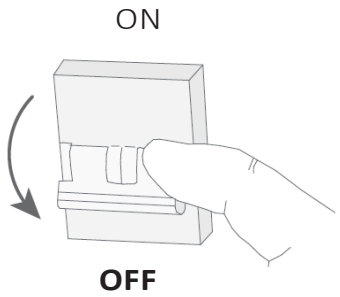
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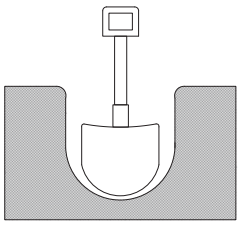
Make sure there are no other cables close by the place of the power cables.

Ensure to switch OFF the fuse before the installation

1

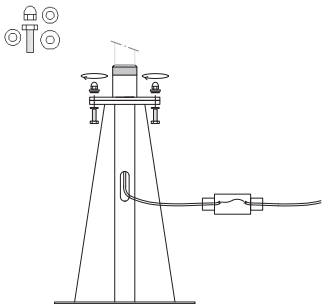


2



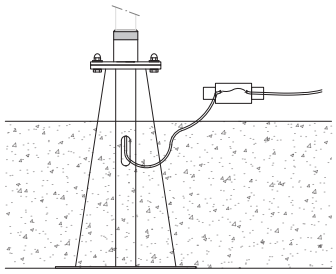
Use a shovel to dig a well in the soft ground.

3



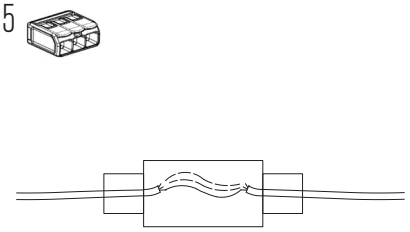
Insert the groundbase into the soft ground and attach the base of the light fixture onto the groundspike.

4



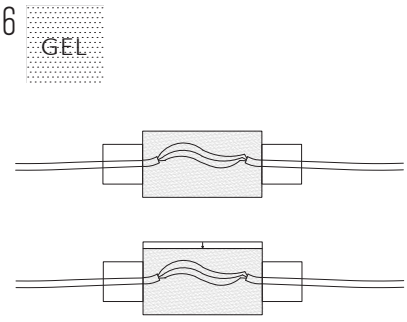
Pour concrete over the groundbase as shown in the drawing.

5



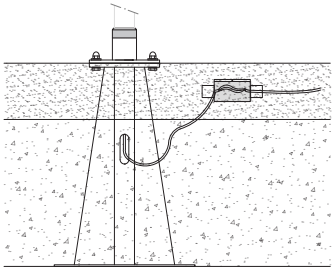
Use wire connectors to attach the earth conductor and the other cables. (Use the instruction file of Wago 221-413)

6



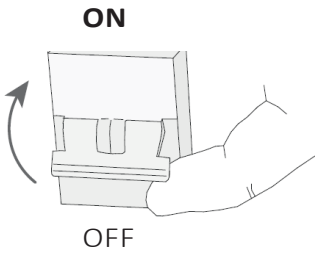
Fill the box with gel and attach the top cover to the box

7



Cover the groundbase and the box with soil.

8



Be sure the installation is done right before switching ON the fuse.

The appliance is ready for use, enjoy the light.

OTHER IMPORTANT INFORMATION

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INSTALLATION GUIDE FOR HARD GROUND

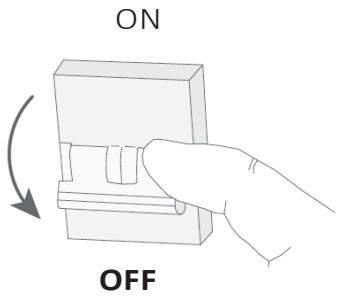
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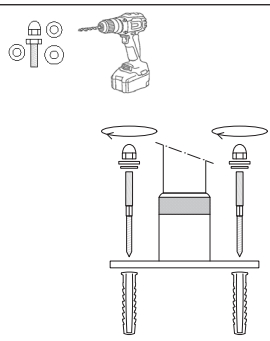
Make sure there are no other cables close by the place of the power cables.

Ensure to switch OFF the fuse before the installation

1

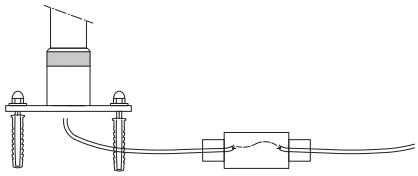


2



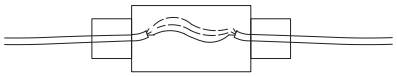
Drill 4 holes of 14mm and place the plugs in the drilled holes. install the plate with screws and bolts.

3



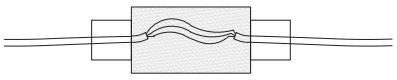
Use a wire connector to attach the earth conductor. (Use the instruction file of Wago 221-413)

4



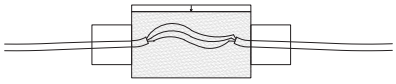
Use the other wire connectors to attach the other cables. (Use the instruction file of Wago 221-413)

5



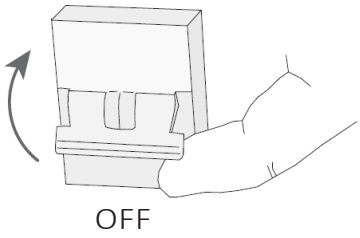
Fill the box with gel.

6



Attach the top cover to the box.

7



Be sure the installation is done right before switching ON the fuse.

The appliance is ready for use, enjoy the light.

OTHER IMPORTANT INFORMATION

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INSTALLATION GUIDE FOR WHEELBASE

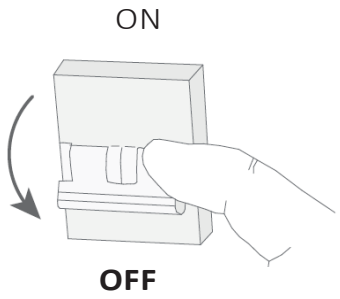
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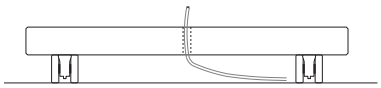
Make sure there are no other cables close by the place of the power cables.

Ensure to switch OFF the fuse before the installation

1



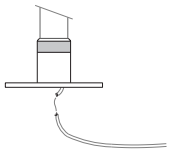
2



Place the extension cable through the wheelbase.

3

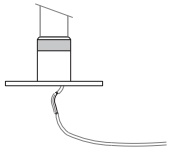




Use a wire connector to attach the earth conductor. (Use the instruction file of Wago 221-413)

4

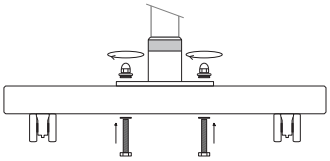




Use the other wire connectors to attach the other cables. (Use the instruction file of Wago 221-413)

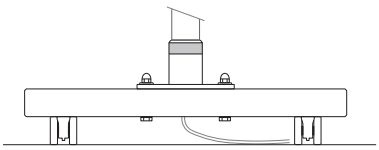
5



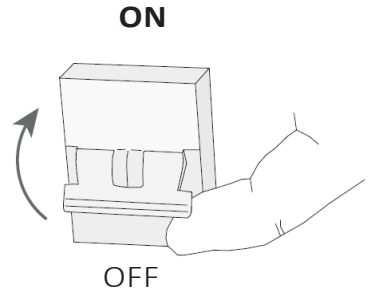


Attach the base of the light fixture onto the wheelbase.

6



7



Be sure the installation is done right before switching ON the fuse.

The appliance is ready for use, enjoy the light.

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Data sheet | Item number: 221-413

COMPACT Splicing Connector; for all conductor types; max. 4 mm²; 3-conductor; with levers; transparent housing; Surrounding air temperature: max 85°C (T85); 4,00 mm²; transparent

www.wago.com/221-413

Item description

Your Benefits:

- Ease of use – pull the lever up, insert a conductor and push the lever back down
- Available as 2-, 3- and 5-wire connectors
- Easily terminate conductors from 0.14 to 4 mm²
- Connect solid, stranded and fine-stranded conductors
- Time savings for installers and device manufacturers
- Quickly install devices with higher levels of power consumption
- Safely install long cable runs with larger conductor cross sections
- Mounting carrier for installation conforms to standards
- Custom carriers are possible

Safety information 1:
In grounded power lines

Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	EN 60664
Nominal voltage (II/2)	450 V
Rated surge voltage (II/2)	4 kV
Rated current	32 A
Legend (ratings)	(II / 2) = Overvoltage category II / Pollution degree 2

Ratings per UL 1059

Approvals per	UL 486C
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	20 A

Subject to changes. Please also observe the further product documentation!

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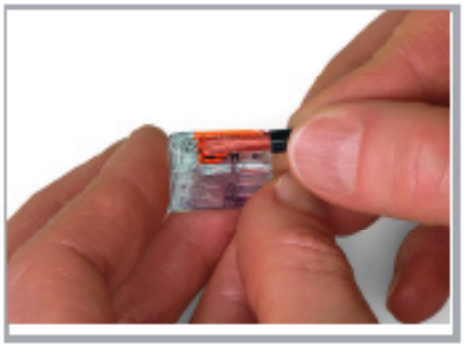
Do you have any questions about our products?
We are always happy to take your call at +32 (0) 2 7179090.

Connection data

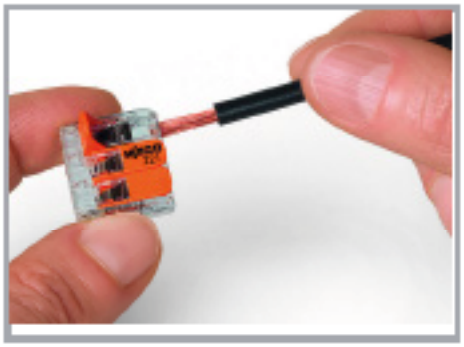
Connection technology	CAGE CLAMP®
Actuation type	Lever
Connectable conductor materials	Copper
Nominal cross-section	4 mm²
Solid conductor	0.2 … 4 mm² / 24 … 12 AWG
Stranded conductor	0.2 … 4 mm² / 24 … 12 AWG
Fine-stranded conductor	0.14 … 4 mm² / 24 … 12 AWG
Strip length	11 mm / 0.43 inch
Total number of connection points	3
Total number of potentials	1
Wiring type	Side-entry wiring

Installation Notes

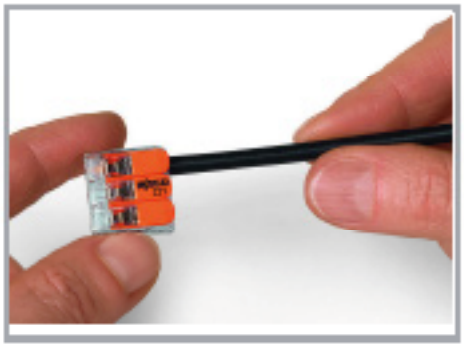
Conductor termination



Strip conductor to 11 mm (0.43 inch).



Termination: Lift the lever to open the clamping unit and insert a stripped conductor.

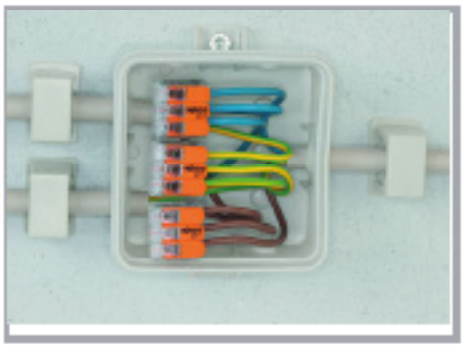


Then, lower the lever to close the clamp.

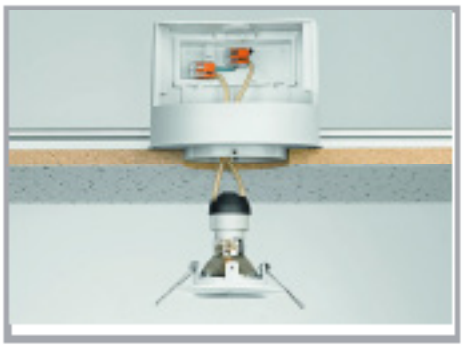
Application

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Wiring fine-stranded conductors in a junction box.



Custom low-voltage lighting system



Lighting distribution in ceiling canopy



Pendant light connection in suspended ceilings



COMPACT Splicing Connectors for All Conductor Types, 4 mm² (12 AWG), 221 Series

Subject to changes. Please also observe the further product documentation!

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Compact, lever-operated splicing connectors

Tool-free connection of up to five stripped, fine-stranded conductors from 0.14 … 4 mm², as well as solid or stranded conductors from 0.2 … 4 mm² (24 … 12 AWG).

How these work

Pull up one of the orange operating levers to open the clamping unit. Then insert the conductor and push the lever back down, flush with the connector housing.

Safety

The specially designed rest position of the lever reliably prevents accidental unclamping of a connected conductor.

Application safety, for any type of conductor (solid, stranded, fine-stranded), is confirmed by approvals like ENEC or UL.

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Magic Gel & Magic Fluid

Bicomponent gel with very high dielectric and thermal characteristics, ideal for connection systems (joint shells or enclosures) for power cables.

Gel: UL 94-HB

Dielectric strength:
>23 kV/mm
Cross linking time:
fast (about 10 min. at 23°C)
Volume resistivity:
>2 . 10^{15} Ω cm
Working temperature:
-60°C / +200°C
Overload temperature for short periods:
up to 250°C
Stabilised for:
mould - UV
Degree of protection:
IP68 (in proper casings)

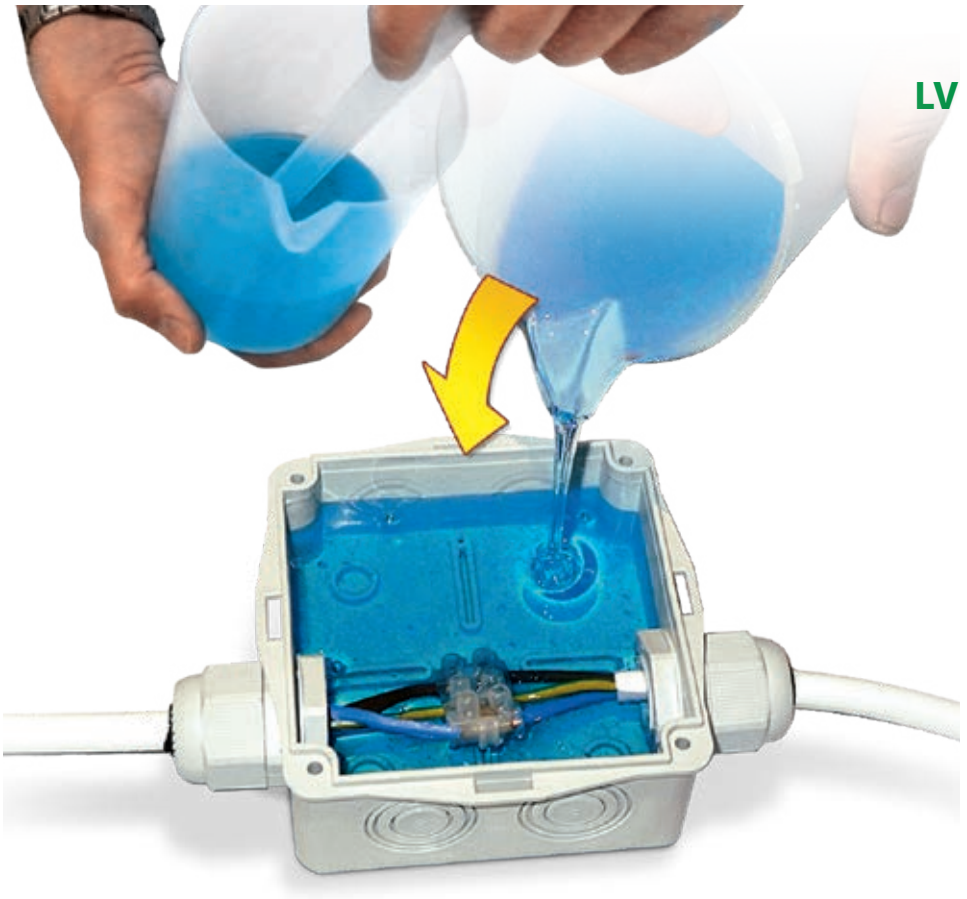
IP68 OFFICIALLY TESTED | IMQ

Nonfood Compounds P1 NSF

The insulating and sealing gel, when cast in suitable casings, ensures an IP68 degree of protection and it is able to replace all types of resins. This is a self-polymer insulation in bottle or in a single use bag, with cold cross linking. Once poured, the insulation, characterized by very low viscosity, surrounds and envelopes any type of material, cross linking in less than 10 minutes. Cross linking with a very slow isothermal peak that does not thermally stress the materials it comes into contact with.

- For high temperature applications!
- Quick cross linking (only 10 minutes)
- Re-enterable also after long working periods
- The gel is not-classified as hazardous under the CLP Directive
- Low viscosity





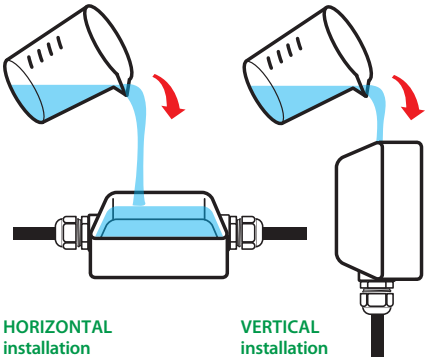


Problem ENERGY

What does a gel for this type of system have to give?

- **INSULATION:** Elevated voltages (1 kV operating, 4 kV testing)
- **THERMAL PERFORMANCE:** Operating temperature 90°C, overload temperature 130°C, short circuit temperature 250°C
- **SEALING:** Installations also possible in humid environments, flooded wells
- **DEGREE OF PROTECTION:** Must also work with water between the cores of the cable
- **CERTIFIED SYSTEMS:** The combination of insulation gel + casing must comply with current standards CEI 20-33 and EN 50393

Solution:* *Magic Gel meets all your Energy system requirements!



HORIZONTAL installation

VERTICAL installation

Product	Colour	Package type	Total quantity
Magic Gel 300	●	2 bottles	300 ml
Magic Gel 420	●	1 single, bi-component bottle 1 small basin - 1 mixing spoon	420 ml
Magic Gel 1000	●	2 bottles - 1 small basin - 1 mixing spoon	1000 ml
Magic Gel 2000	●	2 single, bi-component bottles 1 small basin - 1 mixing spoon	2 x 1000 ml
Magic Gel 10000	●	2 tanks - 1 small basin - 1 mixing spoon	10 lt
Magic Fluid 90	●	Bicomponent single dose bag	90 gr
Magic Fluid 110	●	Bicomponent single dose bag	110 gr
Magic Fluid 170	●	Bicomponent single dose bag	170 gr
Magic Fluid 210	●	Bicomponent single dose bag	210 gr
Magic Fluid 420	●	Bicomponent single dose bag	420 gr
Magic Fluid 550	●	Bicomponent single dose bag	550 gr







