

# QUASAR

H O L L A N D



## Universe

NL Installatie handleiding

DE Installationsanleitung

EN Installation manual

# 1 NL Informatie / DE Information/ EN Information

## Veiligheidsinformatie



- Onderbreek altijd de stroomtoevoer door verwijderen van de toestelzijdige stop bij de montage, onderhoudswerk en het verwisselen van de gloeilampen.
- Een brandende lamp is heet. Let op brandgevaar.
- De lamp mag niet op geleidend materiaal worden gemonteerd.
- Draag geen sieraden bij onderhoudswerkzaamheden.
- Geen (decoratie) materialen aan het armatuur bevestigen.

## Technische informatie



LED

0,5 m



- Ingangsspanning 120V of 240V
- Uitgangsspanning 12V
- Beschermingsklasse I
- Beschermingsgraad IP20
- De lamp mag niet in openlucht gebruikt worden
- Gloeilamp: 12V, 1.2W  
Krypton: 12V, 2W  
LED: 12V, 0.33W, 2600K, CRI >83

## Onderhoudsinformatie



- De lampen reinigen met in de handel verkrijgbare, niet-agressieve en niet-schurende reinigingsmiddelen
- Gebruik een plumeau

## Sicherheitshinweise

- Bei Montage, Wartungsarbeiten und Leuchtmittelwechsel immer Stromzufuhr durch Entfernen der bauseitigen Sicherung unterbrechen.
- Wenn die Leuchte in Betrieb ist, besteht beim Glühmittel Verbrennungsgefahr!
- Leuchte darf nicht auf leitende Materialien montiert werden.
- Kein Juwelen während wartung tragen.
- Kein (dekorations) Materialien an die Leuchte befestigen.

## Technische Hinweise

- Eingangsspannung 120V oder 240V
- Ausgangsspannung 12V
- Schutzklasse I
- Schutzart IP20
- Leuchte darf nicht im Freien verwendet werden.
- Glühbirne: 12V, 1.2W  
Krypton: 12V, 2W  
LED: 12V, 0.33W, 2600K, CRI >83
- Mindestabstand zur angestrahlten Fläche 0,5m

## Pflegehinweise

- Leuchten nur mit handelsüblichen, nicht aggressiven und scheuernden Reinigungsmitteln reinigen.
- Gebrauch eine Federbesen

## Safety information

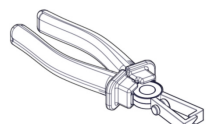
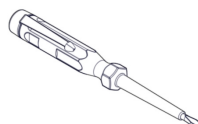
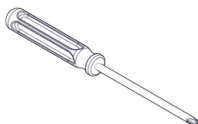
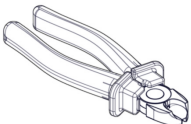
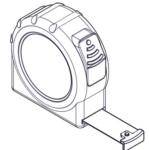
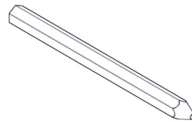
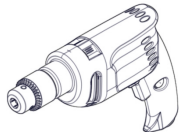
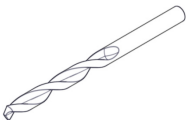
- During installation, maintenance work and change of illuminants always interrupt the power supply by removing the respective circuit breaker.
- When switched on, the lamp may cause burns when touched.
- Lamp may not be mounted on conductive materials.
- Don't wear jewelry during maintenance.
- Don't use decoration materials in the lamp.

## Technical data

- Input voltage 120V or 240V
- Output voltage 12V
- Safety class I
- Degree of protection IP20
- Lamp must not be used in the open.
- Light bulb: 12V, 1.2W  
Krypton: 12V, 2W  
LED: 12V, 0.33W, 2600K, CRI >83
- Minimum distance from illuminated surface 0.5m

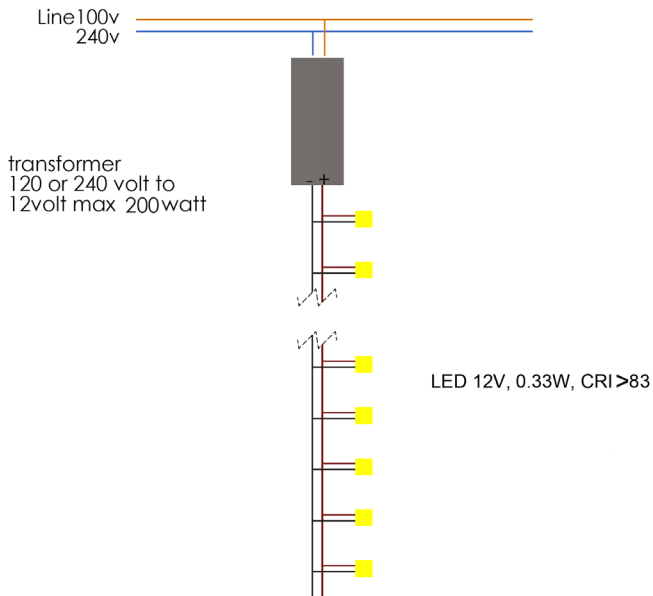
## Maintenance information

- Lights should only be cleaned using commercially available, non-aggressive, non-scouring cleaning agents.
- Use a feather duster



## 2.1 NL Installatie / EN Installation / DE Installation

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## 2.2

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### Universe 80 suspension

- 35x LED: E10 12V/0,33W= 11,55 W
- 35x Lightbulb 12V/1.2W= 42 W
- ....x Downlight 12V/7W= .... W

### Universe 125 suspension

- 50x LED: E10 12V/0,33W= 16,5 W
- 50x Lightbulb 12V/1.2W= 72 W
- ....x Downlight 12V/7W= .... W

### Universe 180 suspension

- 60x LED: E10 12V/0,33W= 19,8 W
- 60x Lightbulb 12V/1.2W= 72 W
- ....x Downlight 12V/7W= .... W

### Universe 200 suspension

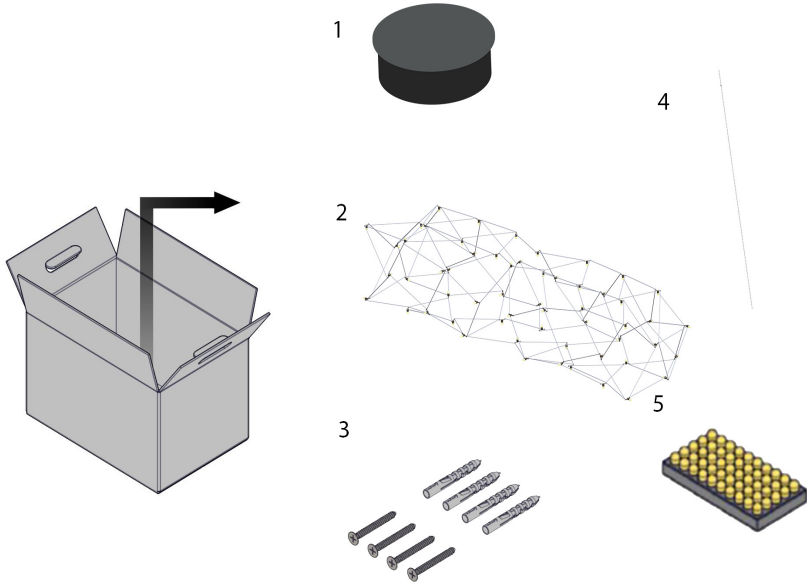
- 70x LED: E10 12V/0,33W= 23,1 W
- 70x Lightbulb 12V/1.2W= 84 W
- ....x Downlight 12V/7W= .... W

### Universe costum suspension

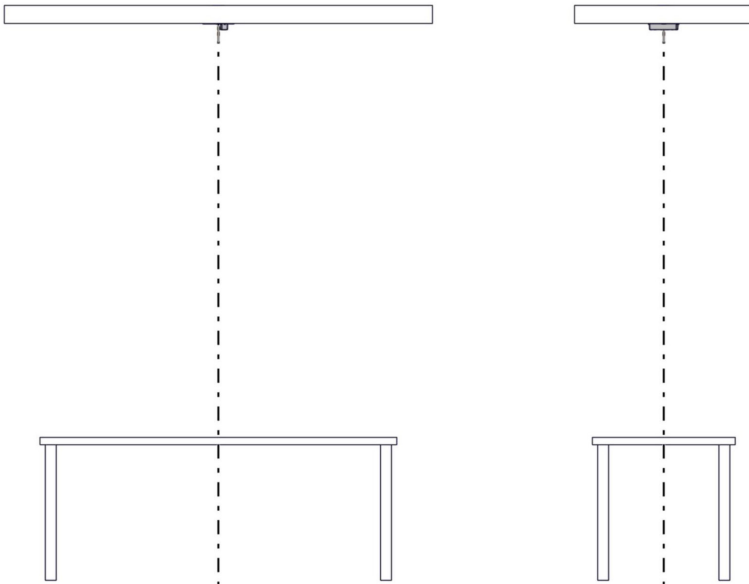
- ....x LED: E10 12V/0,33W= .... W
- ....x Lightbulb 12V/1.2W= .... W
- ....x Downlight 12V/7W= .... W



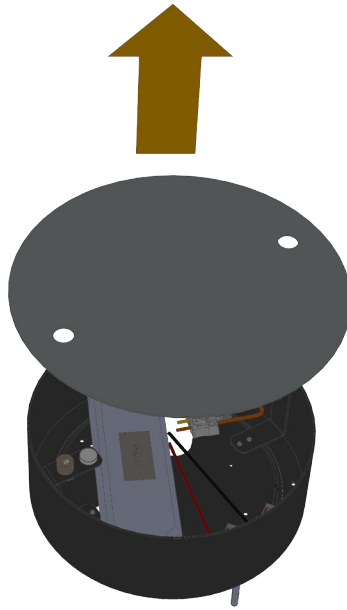
## 2.3 NL Installatie / EN Installation / DE Installation



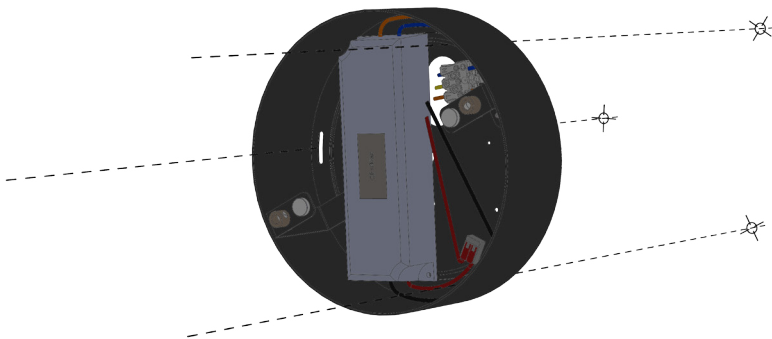
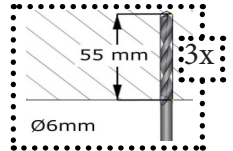
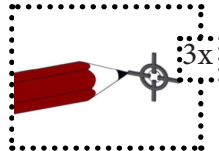
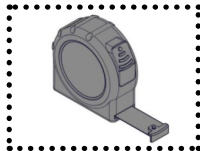
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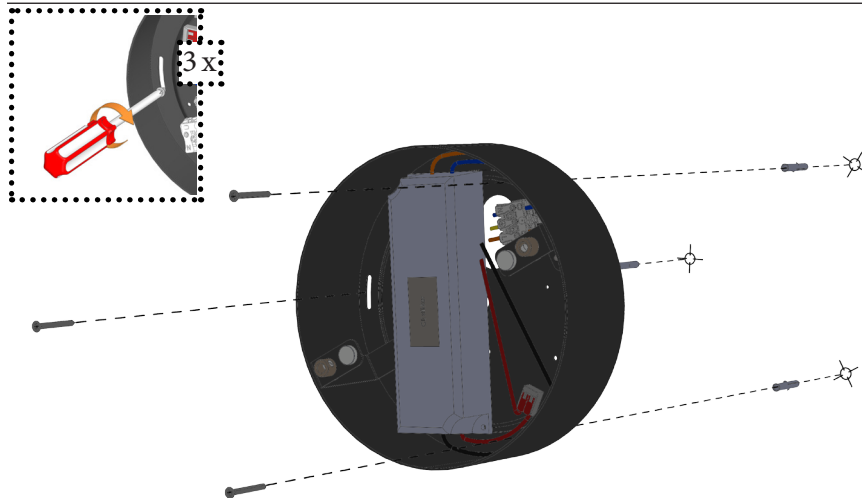
2.5 NL Installatie / EN Installation / DE Installation



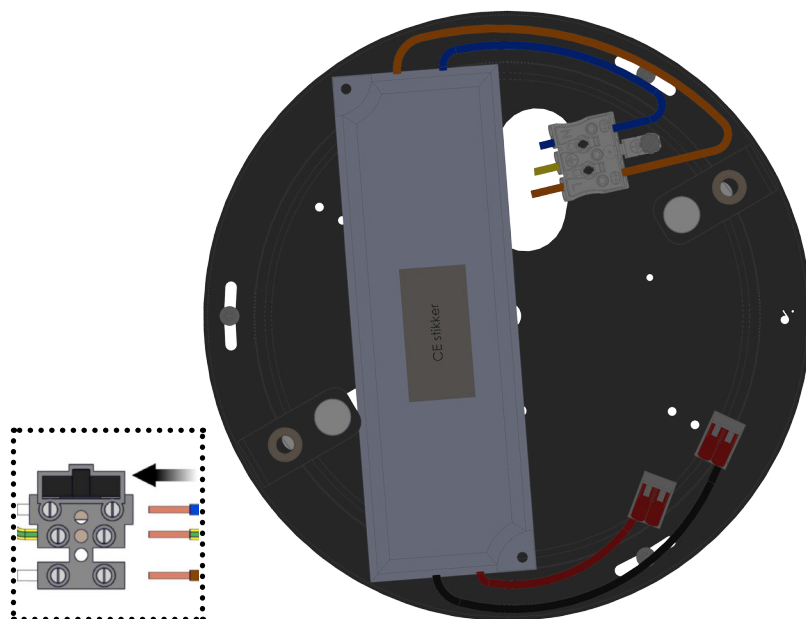
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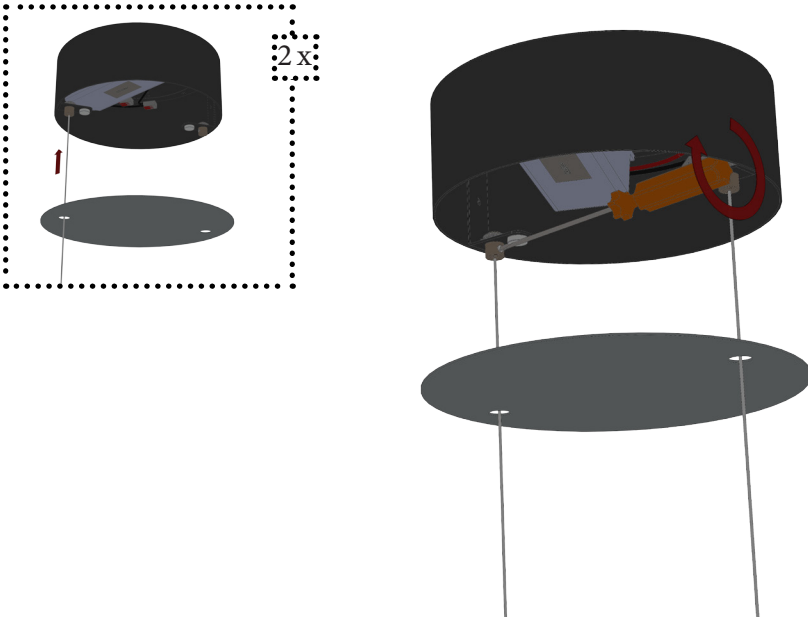
## 2.7 NL Installatie / EN Installation / DE Installation



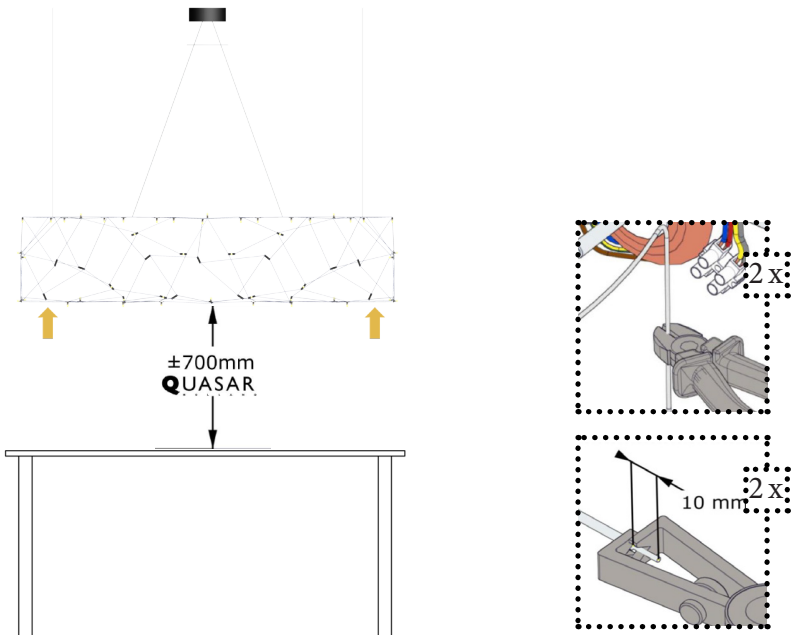
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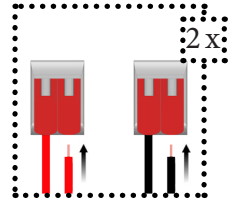
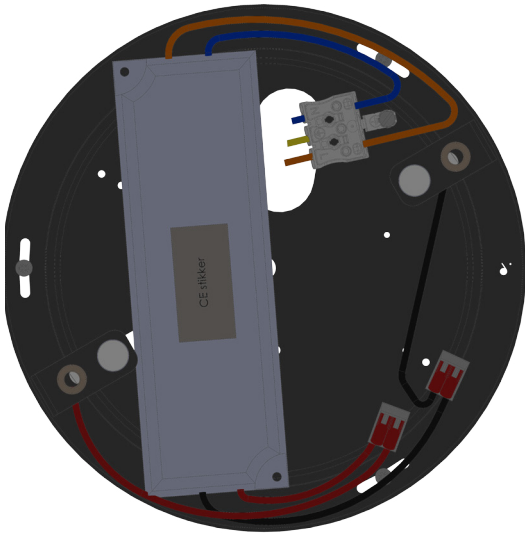
2.9 NL Installatie / EN Installation / DE Installation



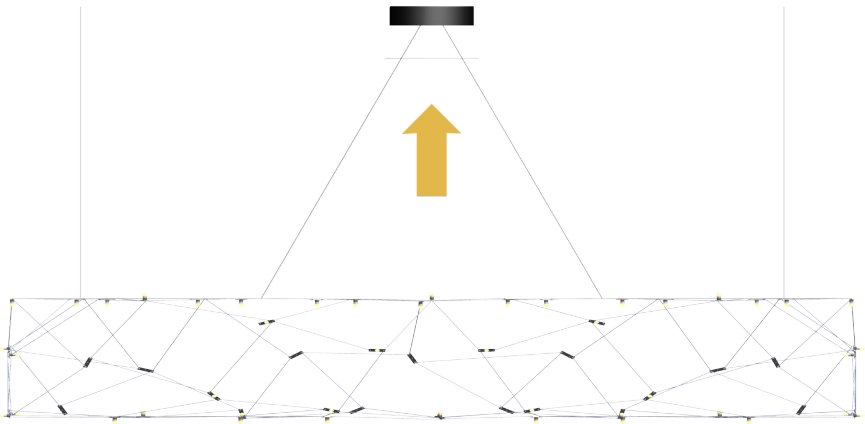
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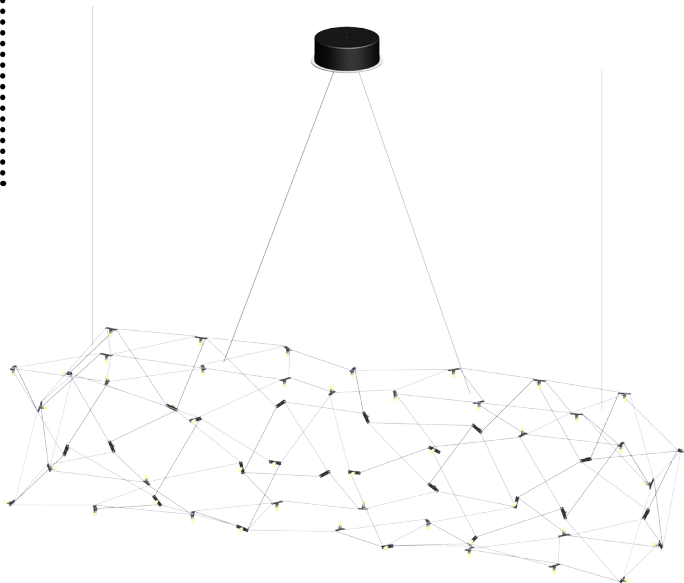
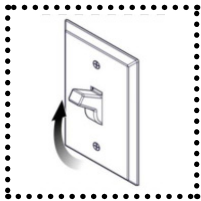
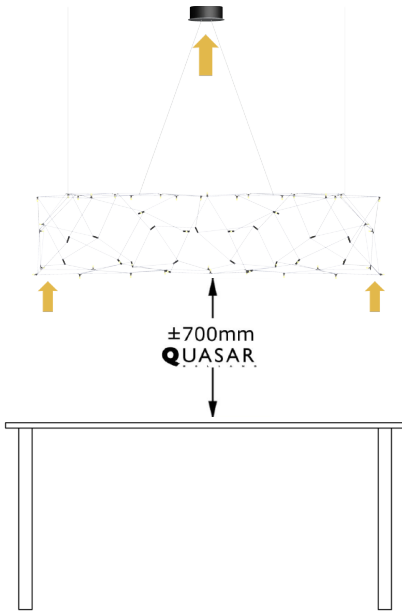
2.11 NL Installatie / EN Installation / DE Installation



2.12







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