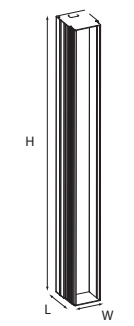
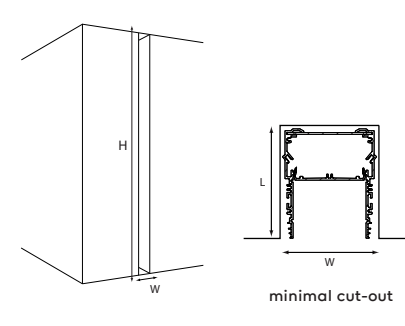


# kreon installation manual

## technics & dimensions



profile dolma 80 outdoor



minimal cut-out

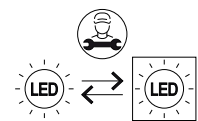
name	reference	voltage VAC	frequency	led current	nom. input current driver	max. power	power factor	LxWxH
Dolma 80 outdoor	KR91596x-80xx-DD	230V	50/60Hz	700mA	0,09A	20W	0,95	120 x 105 x H
Dolma 80 outdoor	KR91596x-80xx-SW	230V	50/60Hz	700mA	0,09A	20W	0,97	120 x 105 x H
Dolma 80 outdoor	KR91596x-80xx-VD	230V	50/60Hz	700mA	0,09A	20W	0,95	120 x 105 x H

Min. cut-out LxWxH  
125 x 110 x profile lenght + 20m

## 1. light source/gear information

### light source containing product

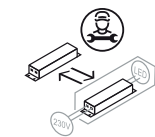
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.



Energy Efficiency Class and EPREL-information for each specific LED/fixture can be found on the last page of this manual

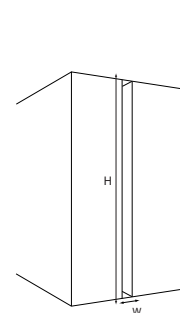
### gear containing product

the gear contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person

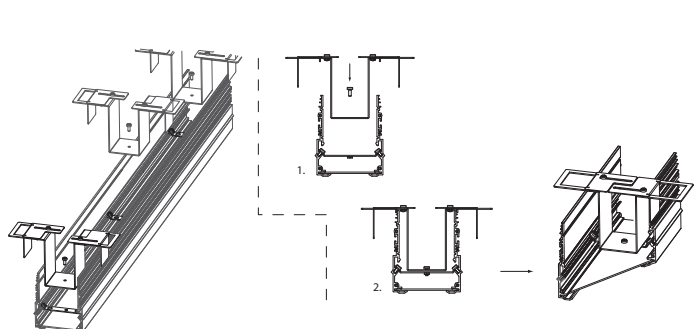


Please make sure the main voltage is disconnected before proceeding!

## 2. installation

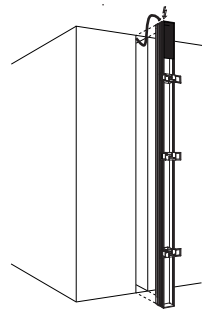


foresee a gap with minimal cut-out in case of stonework or concrete (see\*)



fix installation brackets

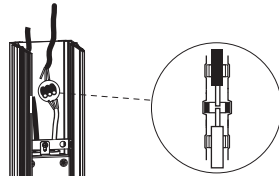
intersection



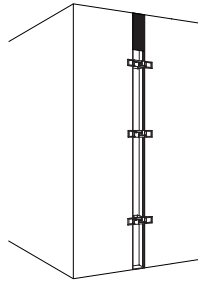
provide main cable in the profile and place profile in the gap (see\*)

# kreon installation manual

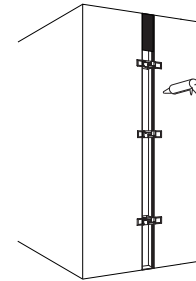
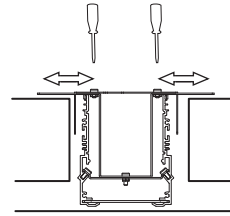
## 3. installation



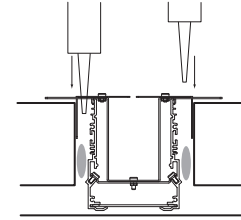
use shrink sleeves to make connection with main current



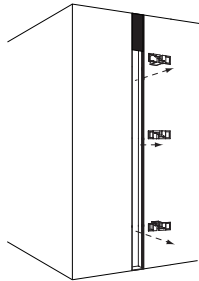
use installation-brackets to line the profile vertical and to align in the center of the gap



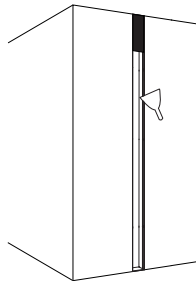
use TEC7-kit to fixate the profile on several points in the stonework and let dry



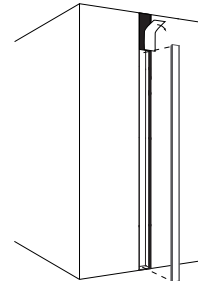
## 4. installation



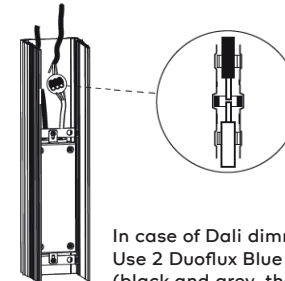
remove installation brackets when fixation is dry



fill gaps with finishing



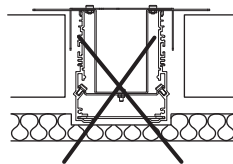
place click-in profile and remove plastic from cover



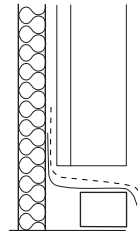
use 3 Duoflux Blue shrink sleeves to make connection with main power supply, heat the shrink sleeve with a heat gun or lighter until the sleeve shrinks around the cable.

In case of Dali dimming:  
Use 2 Duoflux Blue shrink sleeves to connect the dim cables (black and grey, there is no polarity)  
In case of 1-10V dimming:  
Use 2 Duoflux Blue shrink sleeves to connect dim cables.  
Polarity is important, grey is + and black is -

## 5. installation



caution: do not make contact with isolation material



caution: make sure water conduit is placed below the profile

Caution in regards to installation:  
- in case of reinforced concrete, recalculate the construction  
- place profile minimum 10mm above groundfloor  
- make sure the connection is done in the profile

caution in regards to watertightness  
- the profile is IP40, the module is IP55  
- in case of installation in damp environments (e.g. shower or bathroom) please request a special from Kreon and place gear on remote.



# kreon light source information

In order to check the Energy Efficiency Class of the LED in this custom profile, enter the reference on the aluminum label in the Kreon Eprel search engine. This will generate a link to the correct page in the EPREL-database.

<https://www.kreon.com/en/international/eprel>

or

use the QR-code below



example

kreon NUIT  
NUIT213299  
Max. 18W  
230VAC



kreon

home / eprel search

Eprel search

NUIT213299

Submit

Search results

NUIT213299

EPREL - European Product Registry for Energy Labelling

Home > Light sources > 898827

Light sources

REGULATION (EU) 2019/2015 with regard to energy labelling of light sources



The supplier of this model has not completed the verification process yet. Click here for more

Rena Electronics B.V.

800D1001.3Z8-2700K

General information

TYPE OF LIGHT SOURCE

Lighting technology used

Non-directional or directional

Light source cap/type (or other electric interface)

Main or non-main

Connected light source (CLS)

Colour tunable light source

High luminance light source

Anti-glare shield

Dimmable

GENERAL PRODUCT PARAMETERS

LED

Non-directional

PCB with connector

Non-main

No

No

Yes

No

Yes

ENERGY

See technical data

800D1001.3Z8-2700K

A

B

C

D

E

F

G

35

kWh/1000h

QR code

Labelled by