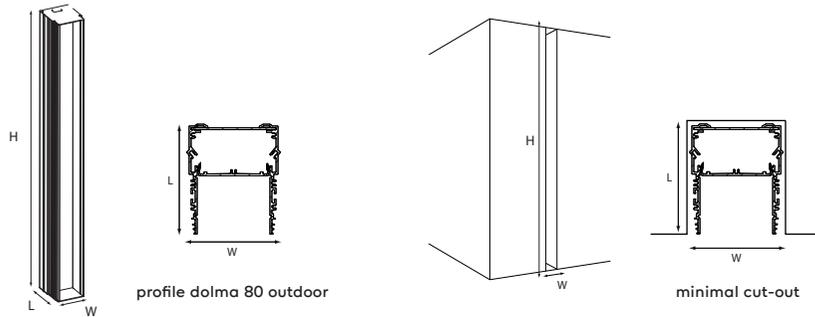


kreon installation manual

technics & dimensions



profile dolma 80 outdoor

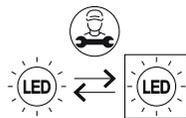
name	reference	voltage VAC	frequency	led current	nom. input current driver	max. power	power factor	LxWxH
Dolma 80 outdoor	KR91596x-80xx-DD	230V	50/60Hz	700mA	0,09A	20W	0,95	120 x 105 x H
Dolma 80 outdoor	KR91596x-80xx-SW	230V	50/60Hz	700mA	0,09A	20W	0,97	120 x 105 x H
Dolma 80 outdoor	KR91596x-80xx-VD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

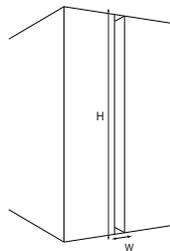
gear containing product

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

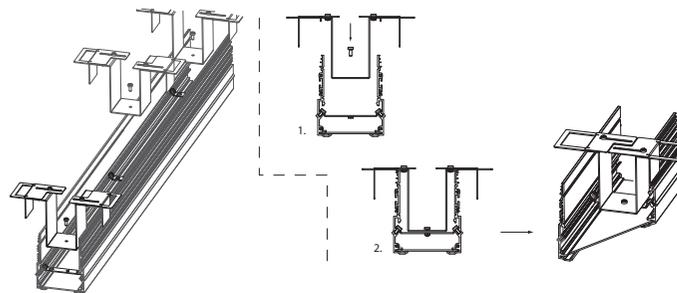


Please make sure the main voltage is disconnected before proceeding! ⚡

2. installation

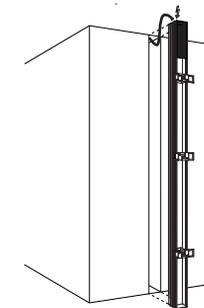


foresee a gap with minimal cut-out in case of stonework or concrete (see*)



fix installation brackets

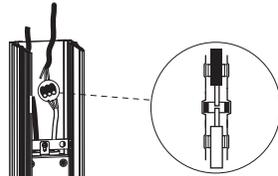
intersection



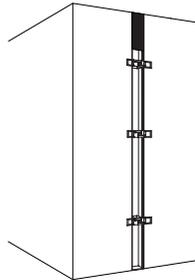
provide main cable in the profile and place profile in the gap (see*)

kreon installation manual

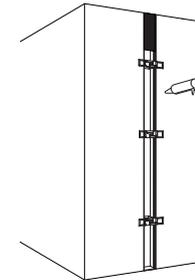
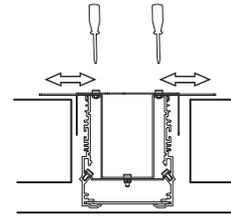
3. installation



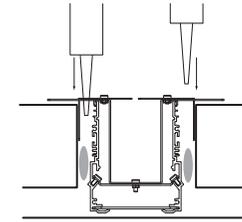
use shrink sleeves to make connection with main current



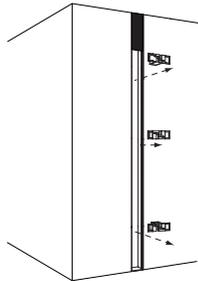
use installation-brackets to line the profile vertical and to align in the center of the gap



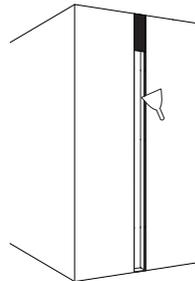
use TEC7-kit to fixate the profile on several points in the stonework and let dry



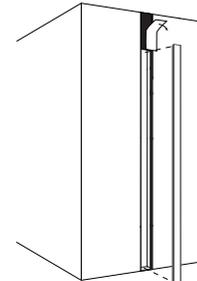
4. installation



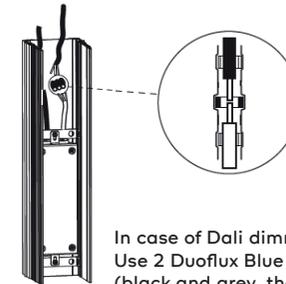
remove installation brackets when fixation is dry



fill gaps with finishing



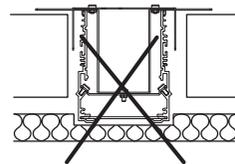
place click-in profile and remove plastic from cover



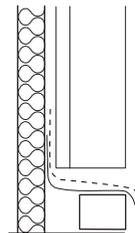
use 3 Duoflux Blue shrink sleeves to make connection with main power supply, heat the shrink sleeve with a heat gun or lighter until the sleeve shrinks around the cable.

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 profile into 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

The diagram illustrates the process of finding product information. It starts with a product label for a 'kreon NUIT' LED with reference 'NUIT213299', 'Max. 18W', and '230VAC'. An arrow points to the 'Eprel search' interface where 'NUIT213299' is entered and 'Submit' is clicked. A second arrow points to the 'EPREL - European Product Registry for Energy Labelling' page for the product '800D1001.3Z8-2700K'. This page includes a table of general information and an energy efficiency label.

General Information	
TYPE OF LIGHT SOURCE	LED
Lighting technology used	Non-directional or directional
Light source cap-type (or other electric interface)	PCB with connector
Mains or non-mains	Non-mains
Connected light source (CLS)	No
Colour tunable light source	No
High luminance light source	Yes
Anti-glare shield	No
Dimmable	Yes

ENERGY LABEL: 35 kWh/1000h