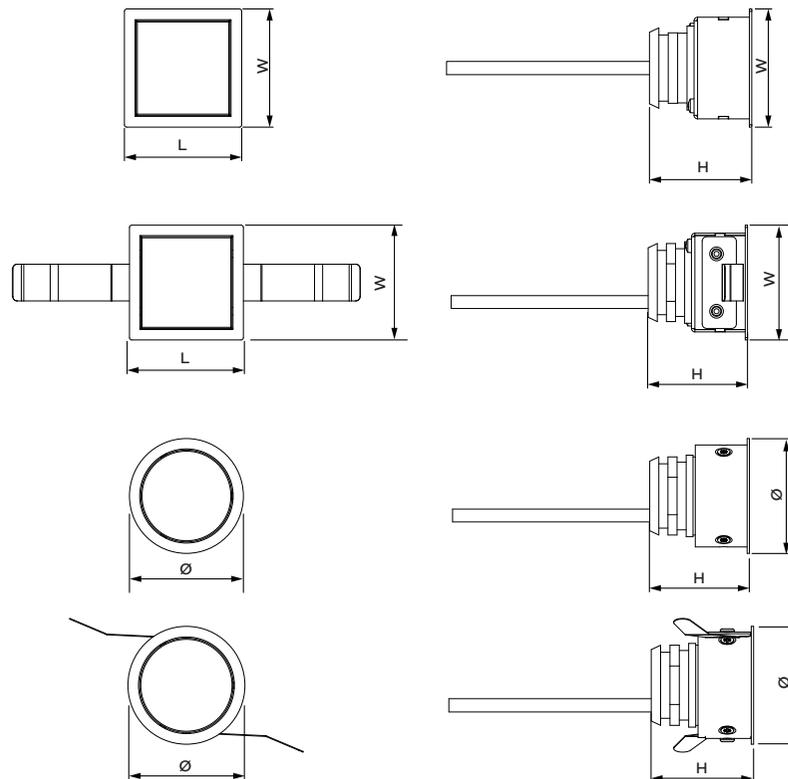


# kreon installation manual

## caution

- the fixture is IP67 and IK06 rated
- the fixture is water- and dust tight
- water should be able to flow off the product once installed
- when installed in solid ground additional drainage must be provided (for example: a bed of gravel)
- the fixture should not be placed in road lanes, it should not be exposed to strain due to braking, acceleration and change of direction
- in order for the product to take pressure load, a proper foundation for the fixture should be provided by the client
- it is recommended to use the fixture in ground with a pH value between 5 and 8
- client should under no circumstances open the fixture themselves, in case of a problem, the fixture needs to be sent back to Kreon

## technics & dimensions



name	reference	LxWxH/ØxH	current	power
up 40 floor square	KR95211X-90XX-XX	50 x 50 x 44	700mA	2W
up 40 floor square glare baffle	KR95211X-90XX-XB	50 x 50 x 44	700mA	2W
up 40 floor circular	KR95261X-90XX-XX	Ø 50 x 44	700mA	2W
up 40 floor circular glare baffle	KR95261X-90XX-XB	Ø 50 x 44	700mA	2W
up 40 wall/ceiling square	KR95211X-90XX-XX-XC50 x 50 x 44	50 x 50 x 44	700mA	2W
up 40 wall/ceiling square glare baffle	KR95211X-90XX-XB-XC50 x 50 x 44	50 x 50 x 44	700mA	2W
up 40 wall/ceiling circular	KR95261X-90XX-XX-XC Ø 50 x 44	Ø 50 x 44	700mA	2W
up 40 wall/ceiling circular glare baffle	KR95261X-90XX-XB-XC Ø 50 x 44	Ø 50 x 44	700mA	2W

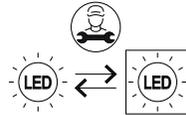
Please make sure the main voltage is disconnected before proceeding! ⚡

# kreon installation manual

## 1. light source information

### light source containing product

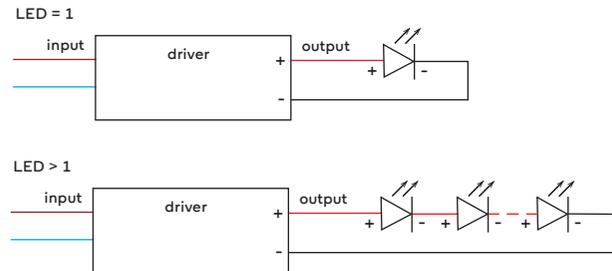
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.



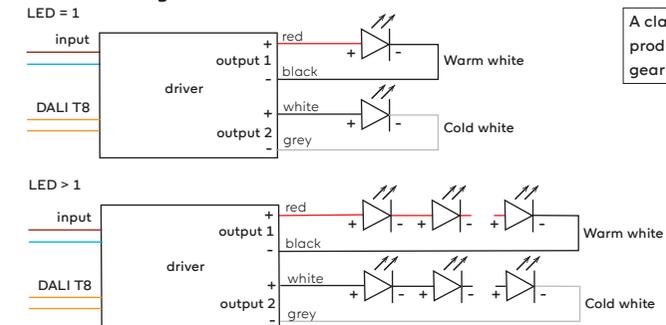
Energy Efficiency Class and EPREL-information for each specific LED/fixture can be found on the last page of this manual

## 2. installation

### electrical diagram

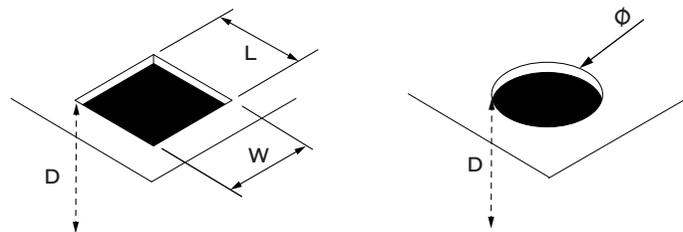


### electrical diagram TW



A class III-product or a string of these products in series, can only be used with a gear where  $U_{out} \leq 120VDC!$

## 3. installation in hollow floor



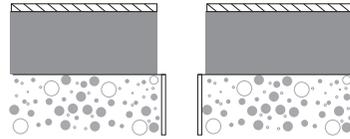
make a cut-out in the floor with the indicated dimensions

name	reference	LxWxD / ØxD
up 40 floor square	KR95211X-90XX-XX	45 x 45 x 60
up 40 floor square glare baffle	KR95211X-90XX-XB	45 x 45 x 60
up 40 floor circular	KR95261X-90XX-XX	Ø 45 x 60
up 40 floor circular glare baffle	KR95261X-90XX-XB	Ø 45 x 60

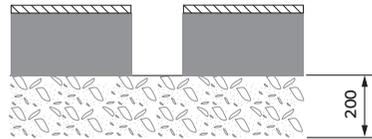
# kreon installation manual

## 4. outdoor installation

important note: drainage for outdoor use



in case of concrete foundation  
provide a tube which can drain the water of

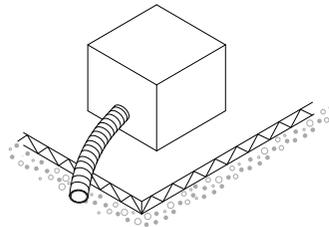


in case of soil  
provide a 200mm layer of gravel underneath the matchbox\*  
to drain the water of

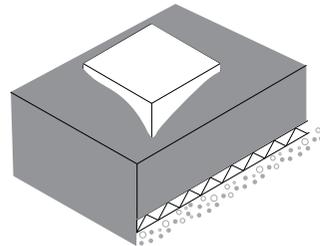
name	reference	LxWxD / ØxD
up 40 floor square	KR95211X-90XX-XX	45 x 45 x 60
up 40 floor square glare baffle	KR95211X-90XX-XB	45 x 45 x 60
up 40 floor circular	KR95261X-90XX-XX	Ø 45 x 60
up 40 floor circular glare baffle	KR95261X-90XX-XB	Ø 45 x 60

## 5. installation in screed/poured concrete with finishing

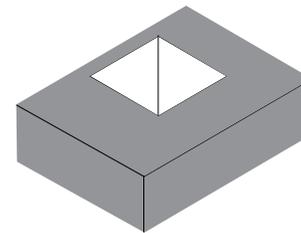
proposal for installation



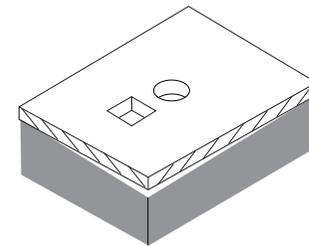
fix a styrofoam mold of the desired dimensions  
on the floor, and provide cabling that can  
be reached once the concrete is poured



pour the floor

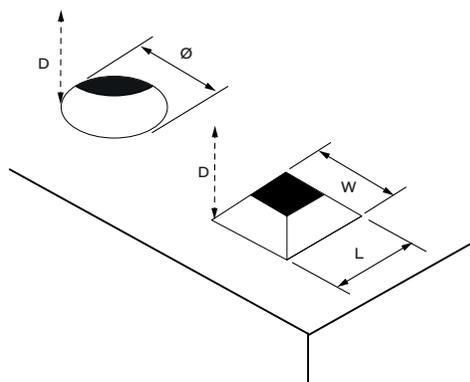


pull or melt out the mold when the  
concrete is dry



finish the floor  
provide the surface finishing with the  
correct cut-outs for the fixtures (as listed above)

## 6. installation in hollow ceiling/wall



name	reference	LxWxD / ØxD	plasterboard thickness
up 40 wall/ceiling square	KR95211X-90XX-XX-XC	47 x 45 x 60	9-18
up 40 wall/ceiling square glare baffle	KR95211X-90XX-XB-XC	47 x 45 x 60	9-18
up 40 wall/ceiling circular	KR95261X-90XX-XX-XC	Ø 46 x 60	9-18
up 40 wall/ceiling circular glare baffle	KR95261X-90XX-XB-XC	Ø 46 x 60	9-18

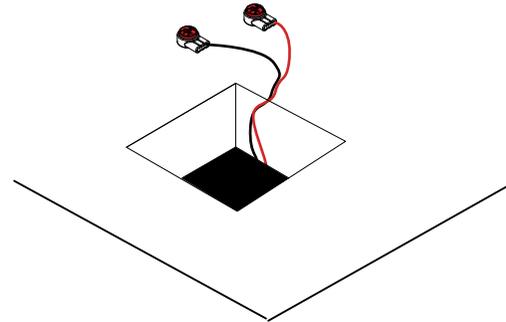
caution: do not cover the fixtures with insulation!

# kreon installation manual

## 7. electric connection

**NOTE:**

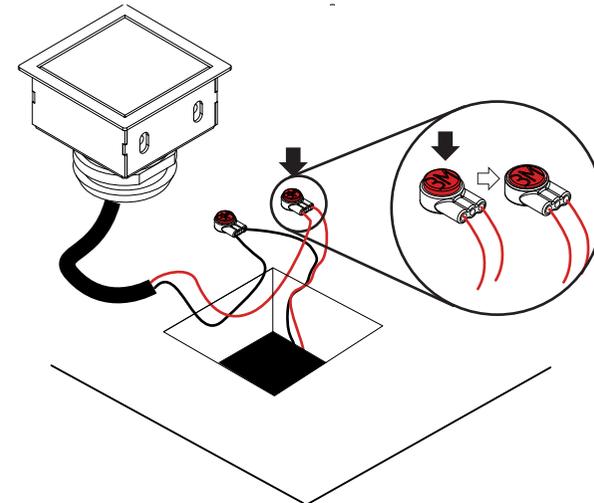
mind that the driver cannot be placed next to the fixture (due to its size) and that it has to be positioned at a distance (where it still can be reached in case of a problem)



place the wires coming from the driver in the delivered connectors (or any desired connector with the correct IP-rate) :  
one connector for each wire

wires may not be stripped, push them as far as possible into the connector

don't close the connectors yet



place the wires coming from the up fixture to the connectors: match red with red and black with black

wires may not be stripped, push them as far as possible into the connector

close the connector on that side by applying pressure with a pair of pliers

**NOTE**

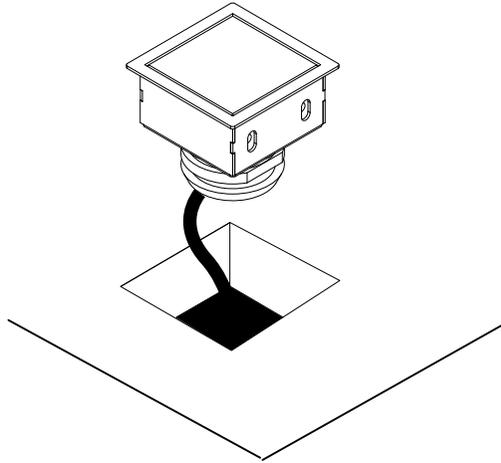
Mind the polarity:  
red = +  
black = -

+ of the connector must match + of the gear  
- of the connector must match - of the gear

# kreon installation manual

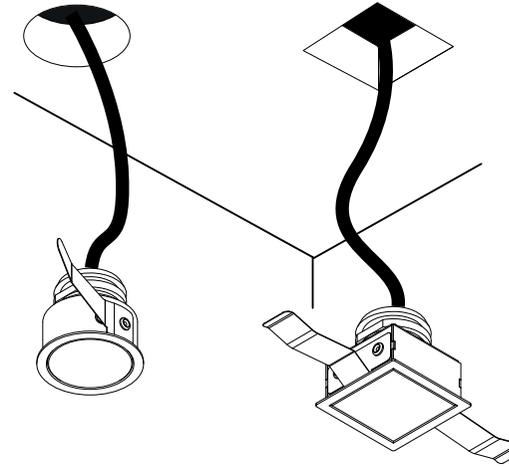
## 8. installation

in case of floor installation



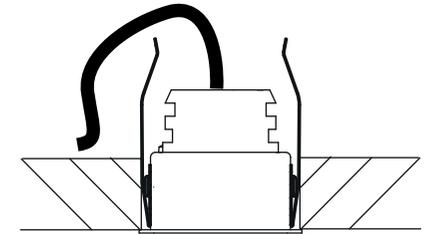
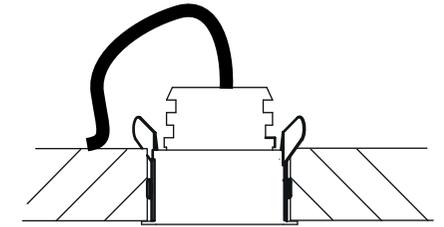
push the fixture in the cut-out in the floor

in case of ceiling/wall installation

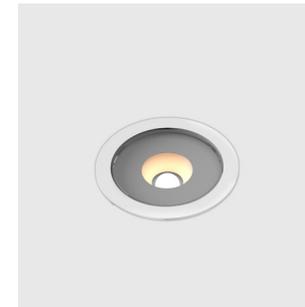


circular version:  
fold the springs against  
the fixture and rotate  
the fixture into the ceiling

square version:  
fold the springs against  
the fixture and push  
the fixture into the ceiling



## pictures



# kreon light source information

Fixture reference	LED reference	Energy Efficiency Class	QR-code	EPREL link
KR95211X-9027-XX(-XC) KR95261X-9027-XX(-XC)	KR7000103749	E		<a href="https://eprel.ec.europa.eu/qr/1405897">https://eprel.ec.europa.eu/qr/1405897</a>
KR95211X-9030-XX(-XC) KR95261X-9030-XX(-XC)	KR7000103752	E		<a href="https://eprel.ec.europa.eu/qr/1406268">https://eprel.ec.europa.eu/qr/1406268</a>