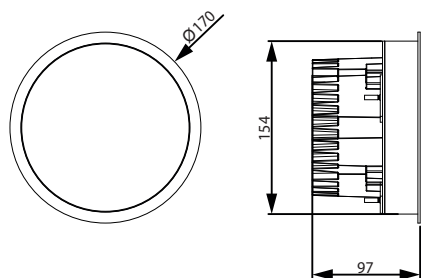


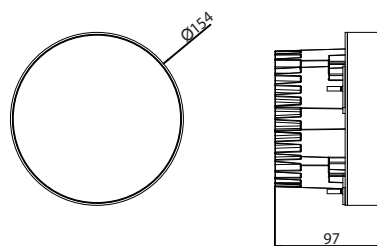
- the fixture is IP67 rated
- the fixture is water- and dust tight
- water should be able to flow of the product once installed
- when installed in solid ground (with or without matchbox) additional drainage must be provided (for example: a bed of gravel)
- make sure the coating (of the housing or other parts) is not damaged during installation or maintenance work: the damage can result in corrosion after contact with water
- 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
- clients should under no circumstances open the fixture themselves, in case of a problem, the fixture needs to be sent back to Kreon

1 precaution

up outdoor circular



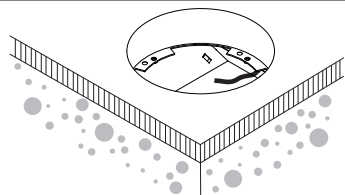
up in-line outdoor circular



name	reference	voltage/current
up outdoor circular gear incl.	KR982601/KR982602	230V
up outdoor circular gear excl.	KR982621/KR982622	700mA
up outdoor circular wallwasher gear excl.	KR982681/KR982682	700mA
up in-line outdoor circular gear incl.	KR982801/KR982802	230V
up in-line outdoor circular gear excl.	KR982821/KR982822	700mA
up in-line outdoor circular wallwasher gear excl.	KR982881/KR982882	700mA

Please make sure that main voltage is disconnected before proceeding!

2 dimensions

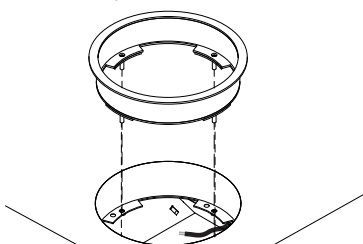


name	reference
matchbox circular	KR782603
matchbox circular for gear incl	KR782604

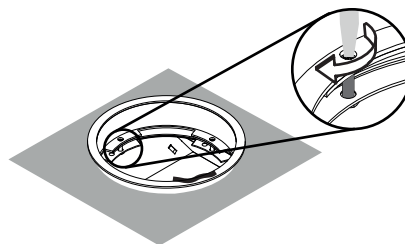
3 installation with matchbox

Install the matchbox according to installation manual KR8820001883 (delivered with matchbox)

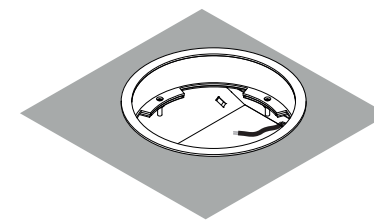
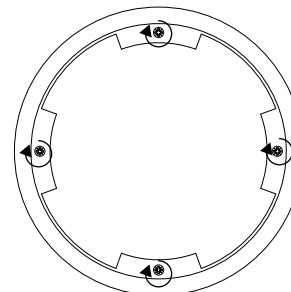
in case of up outdoor



align the screws in the frame with the 4 holes + nuts in the matchbox

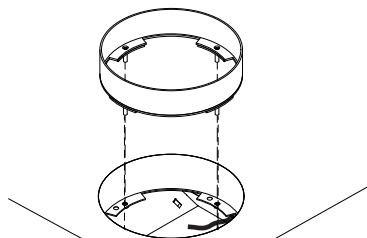


use the 4 screws to fix the frame onto the matchbox, don't fix completely yet

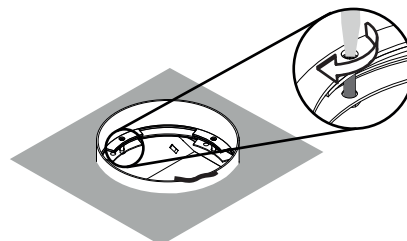


installation with matchbox

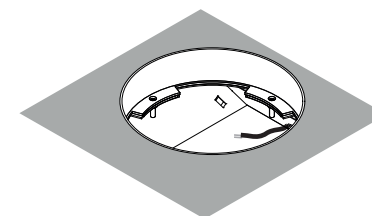
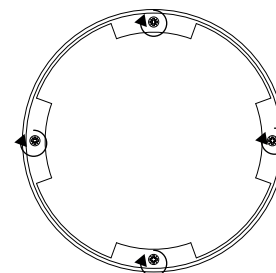
in case of up in-line outdoor



align the 4 screws in the frame with the 4 holes + nuts in the matchbox

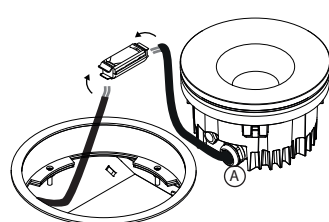


use the 4 screws to adjust the position of the frame, until it is flush with the floor

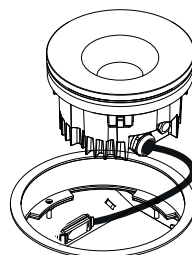


installation with matchbox

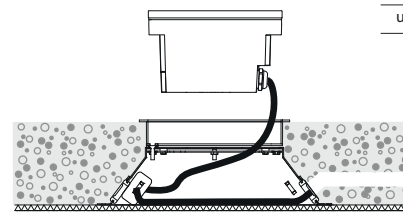
electric connection in case of gear included



make the electrical connection by using the KR782105 coupling sleeve (according to manual) or any suitable connection compartment with required protection class (max. dimensions: 25mm x 30mm x 120mm).



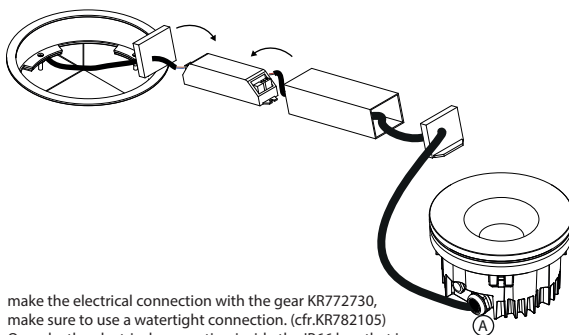
place the coupling sleeve (or connection compartment) in the matchbox, on the opposite side of the cable entrance in the matchbox



name	reference	voltage
up outdoor circular gear incl.	KR982101/KR982602	230V
up in-line outdoor circular gear incl.	KR982801/KR982802	230V

installation with matchbox

electric connection in case of gear excluded
in combination with matchbox KR782104

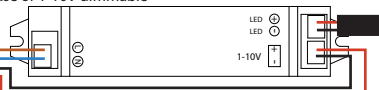


make the electrical connection with the gear KR772730, make sure to use a watertight connection. (cfr.KR782105)
Or make the electrical connection inside the IP66 box that is supplied with the gear KR772732, KR772733 (install the gear inside the box according supplied manual), or any suitable gear in a suitable compartment with the required protection class.

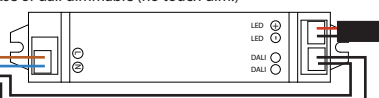
in case of on/off



in case of 1-10V dimmable



in case of dali dimmable (no touch dim!)



name	reference	current
up outdoor circular gear excl.	KR982621/KR982622	700mA
up in-line outdoor circular gear excl.	KR982821/KR982822	700mA
up outdoor circular wallwasher gear excl.	KR982681/KR982682	700mA
up in-line outdoor circular wallwasher gear excl.	KR982881/KR982882	700mA

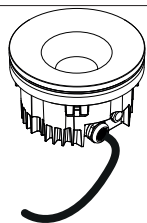
IMPORTANT: check polarity of the LED!!

+ and - at driver side must match
+ and - at LED side

+ = red wire
- = black wire

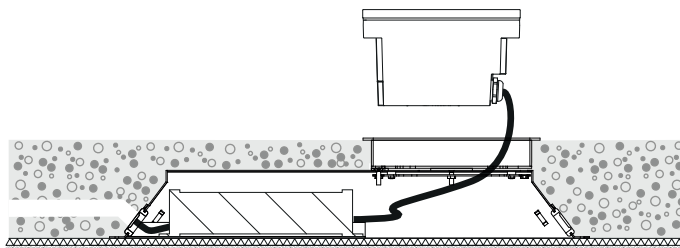
installation with matchbox

the cable gland (A) must not be opened!



installation with
matchbox

place the IP66 box in the cavity of the matchbox

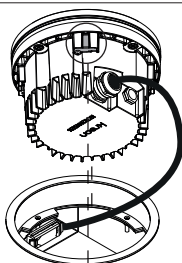


NOTE:

in case the gear is placed on remote and is not included in the matchbox, the installation will be similar to the installation explained under electrical connection of 440lm LED

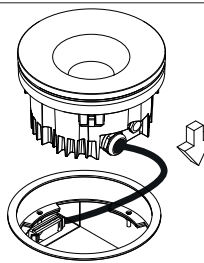
Take into account that in this case the polarity of the LED is important!
+ and - at driver side must match + and - at LED side

+ = red wire
- = black wire

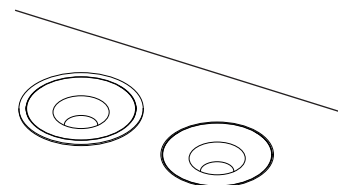


installation with
matchbox

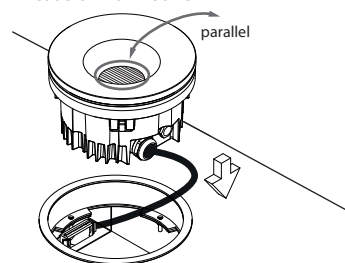
align the two springs on the product with the cut-outs in the frame



install the product by clicking it into the frame



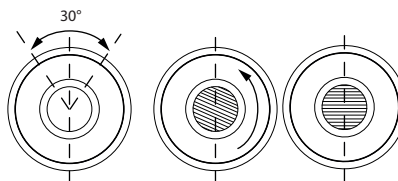
in case of wallwasher



installation with
matchbox

in case of wallwasher version, the orientation of the product is important. Always make sure that the lines in the wallwasher lens are parallel to the wall that needs to be enlighth.

for example



after the fixture is installed in the frame, it's position can still be slightly changed: the fixture can rotate in it's frame. That way the wallwash lens can be exactly positioned parallel with the wall. (place a suction cup on the glass to ease the rotation)

name

up circular outdoor wallwasher gear excl.

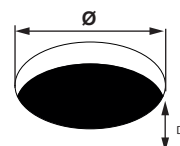
up in-line circular outdoor wallwasher gear excl.

reference

KR982181/KR982182

KR982381/KR982382

dimensions



name

up outdoor circular gear incl.

up outdoor circular gear excl.

up outdoor circular wallwasher gear excl.

up in-line outdoor circular gear incl.

up in-line outdoor circular gear excl.

up in-line outdoor circular wallwasher gear excl.

reference

KR982601/KR982602

KR982621/KR982622

KR982681/KR982682

KR982801/KR982802

KR982821/KR982822

KR982881/KR982882

cut-out \varnothing x D

156mm(+2/-0mm) x min. 97mm

156mm(+2/-0mm) x min. 97mm

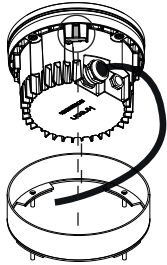
156mm(+2/-0mm) x min. 97mm

156mm(+2/-0mm) x min. 97mm

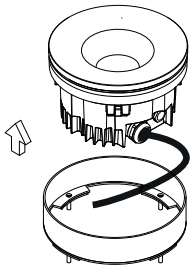
156mm(+2/-0mm) x min. 97mm

156mm(+2/-0mm) x min. 97mm

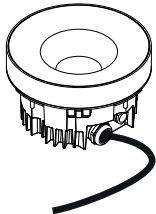
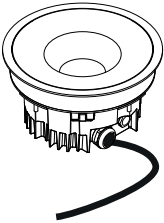
installation in
hollow floor



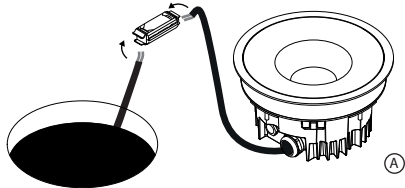
align the two springs on the product with the
cut-outs in the frame



click the frame onto the product



electric connection in case of gear included



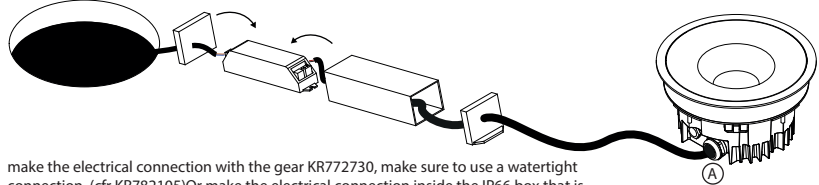
make the electrical connection by using the KR782105 coupling sleeve (according to manual)
or any suitable connection compartment with required protection class

the cable gland (A) must not be opened!

name	reference	voltage
up outdoor circular gear incl.	KR982601/KR982602	230V
up in-line circular outdoor gear incl.	KR982801/KR982802	230V

installation in
hollow floor

electric connection in case of gear excluded



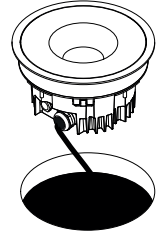
make the electrical connection with the gear KR772730, make sure to use a watertight
connection. (cfr.KR782105)Or make the electrical connection inside the IP66 box that is
supplied with the gear KR772732, KR772733 (install the gear inside the box according supplied manual), or any suitable
gear in a suitable compartment with the required protection class.
the cable gland (A) must not be opened!

name	reference	current
up outdoor circular gear excl.	KR982621/KR982622	700mA
up in-line circular outdoor gear excl.	KR982821/KR982822	700mA
up outdoor circular wallwasher gear excl.	KR982681/KR982682	700mA
up in-line circular outdoor wallwasher gear excl.	KR982881/KR982882	700mA

installation in
hollow floor

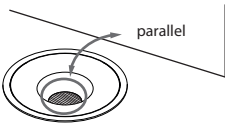
For the correct connection of the different type of gears,
see page 2

in case of up outdoor



install the product in the cut-out in the floor

in case of wallwasher

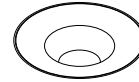
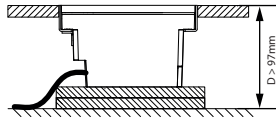
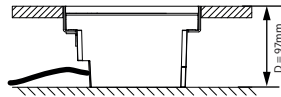


in case of wallwasher version, the orientation of the
product is important. Always make sure that the lines
in the wallwasher lens are parallel to the wall that needs
to be enlightened.

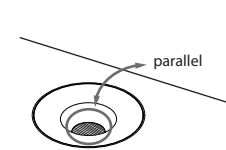
name	reference
up outdoor circular gear incl.	KR982601/KR982602
up outdoor circular gear excl.	KR982621/KR982622
up outdoor circular wallwasher gear excl.	KR982681/KR982682

installation in
hollow floor

in case of up in-line outdoor



in case of wallwasher



name

reference

up in-line outdoor circular gear incl.

KR982801/KR982802

up in-line outdoor circular gear excl.

KR982821/KR982822

up in-line outdoor circular wallwasher gear excl.

KR982881/KR982882

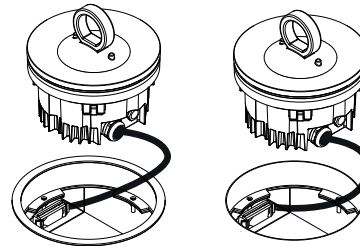
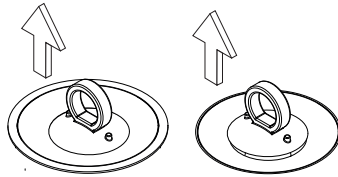
installation in
hollow floor

in case the depth is 96mm, install the
product in the cut-out of the floor

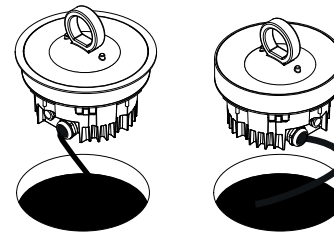
in case the depth is > 96mm, first fill out
the depth until the correct depth of 96mm
is reached

in case of wallwasher version, the orientation of the product is important. Always make sure that
the lines in the wallwasher lens are parallel to the wall that needs to be enligthed.

in case of up (in-line) circular outdoor
installed with matchbox



in case of up (in-line) circular outdoor
installed in hollow floor



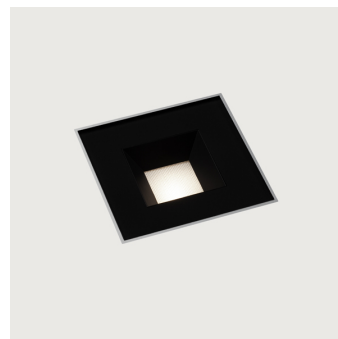
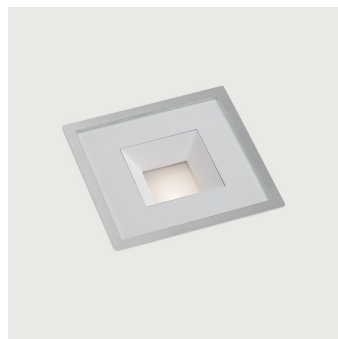
in order to take the up back out the floor: place the
delivered suction cup on the glass and pull the
fixture out

when installed in a matchbox, only the product
itself without the finishing frame will be pulled out

when installed in a matchbox, the product plus the finishing frame
will be pulled out of the cut-out all at once

6

removal of the
up outdoor



6

pictures

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