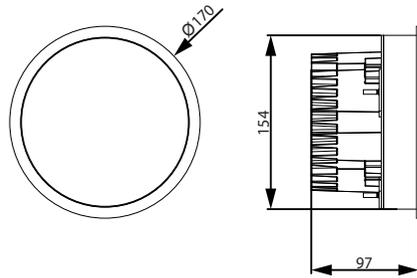


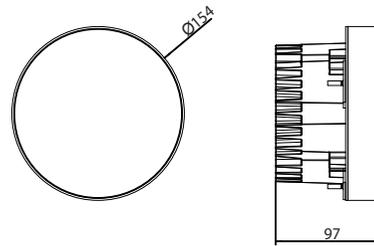
- the fixture is IP67 rated
- the fixture is water- and dust tight
- water should be able to flow of the product once installed
- when installed in solid ground (with or without matchbox) additional drainage must be provided (for example: a bed of gravel)
- make sure the coating (of the housing or other 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



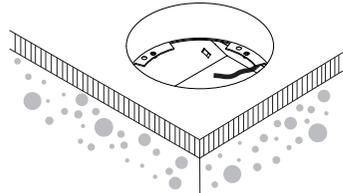
up in-line outdoor circular



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

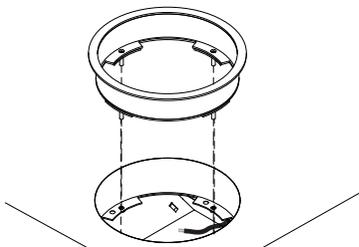


name	reference
matchbox circular	KR782603
matchbox circular for gear incl	KR782604

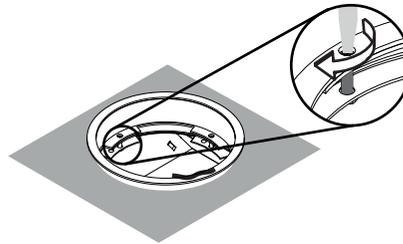
3 installation with matchbox

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

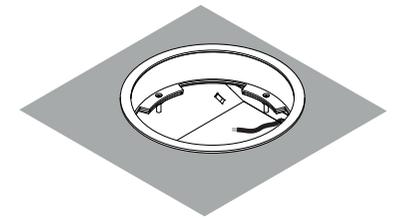
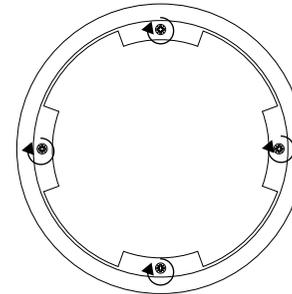
in case of up outdoor



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

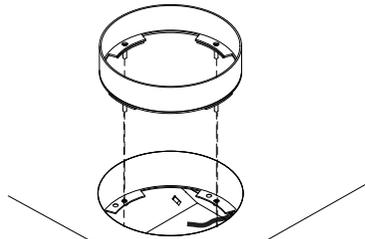


use the 4 screws to fix the frame onto the matchbox, don't fix completely yet



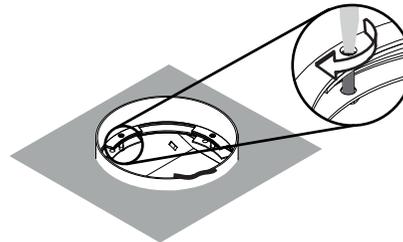
installation with matchbox

in case of up in-line outdoor

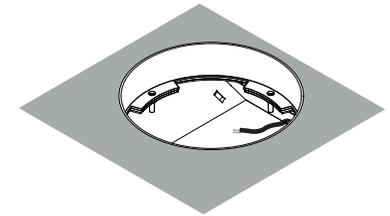
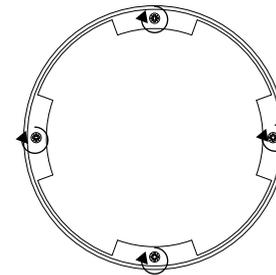


installation with matchbox

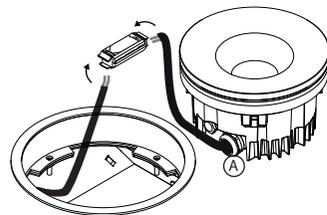
align the 4 screws in the frame with the 4 holes + nuts in the matchbox



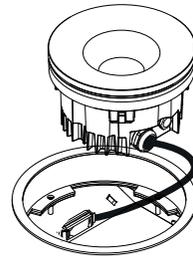
use the 4 screws to adjust the position of the frame, until it is flush with the floor



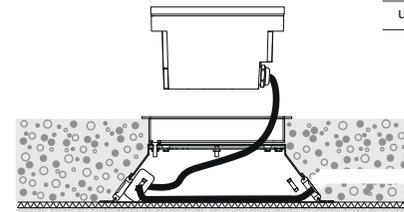
electric connection in case of gear included



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

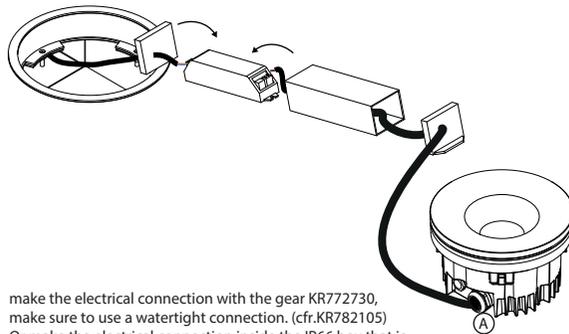


name	reference	voltage
up outdoor circular gear incl.	KR982101/KR982602	230V
up in-line outdoor circular gear incl.	KR982801/KR982802	230V

installation with matchbox

the cable gland (A) must not be opened!

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



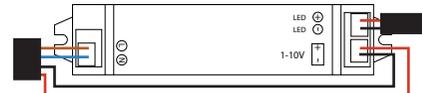
make the electrical connection with the gear KR772730, make sure to use a watertight connection. (cfr. KR782105) Or make the electrical connection inside the IP66 box that is supplied with the gear KR772732, KR772733 (install the gear inside the box according supplied manual), or any suitable gear in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

the cable gland (A) must not be opened!

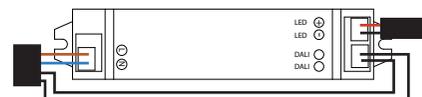
in case of on/off



in case of 1-10V dimmable



in case of dali dimmable (no touch dim!)



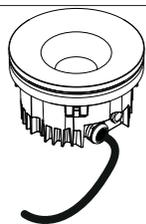
name	reference	current
up outdoor circular gear excl.	KR982621/KR982622	700mA
up in-line outdoor circular gear excl.	KR982821/KR982822	700mA
up outdoor circular wallwasher gear excl.	KR982681/KR982682	700mA
up in-line outdoor circular wallwasher gear excl.	KR982881/KR982882	700mA

IMPORTANT: check polarity of the LED!!

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

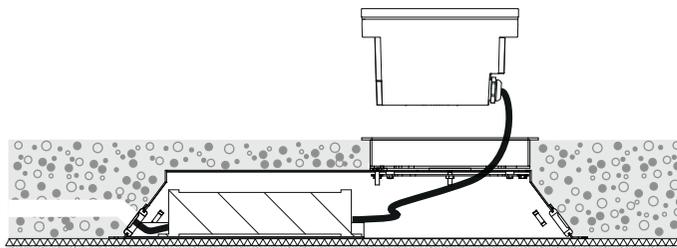
+ = red wire
- = black wire

installation with matchbox



installation with matchbox

place the IP66 box in the cavity of the matchbox

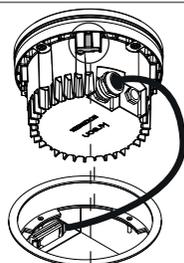


NOTE:

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

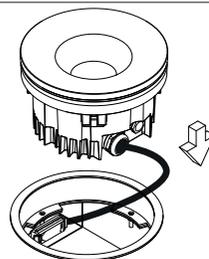
Take into account that in this case the polarity of the LED is important!
+ and - at driver side must match + and - at LED side

+ = red wire
- = black wire

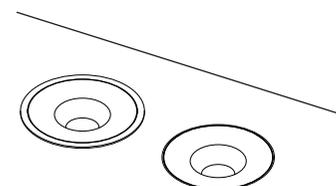


installation with matchbox

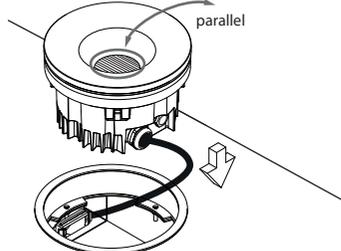
align the two springs on the product with the cut-outs in the frame



install the product by clicking it into the frame



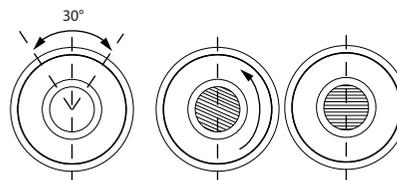
in case of wallwasher



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 enlighthed.

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

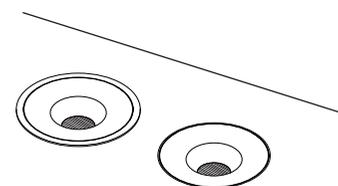
reference

up circular outdoor wallwasher gear excl.

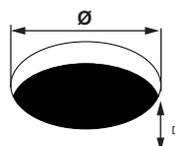
KR982181/KR982182

up in-line circular outdoor wallwasher gear excl.

KR982381/KR982382



dimensions



name

reference

cut-out $\text{Å} \times \text{D}$

up outdoor circular gear incl.

KR982601/KR982602

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

up outdoor circular gear excl.

KR982621/KR982622

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

up outdoor circular wallwasher gear excl.

KR982681/KR982682

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

up in-line outdoor circular gear incl.

KR982801/KR982802

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

up in-line outdoor circular gear excl.

KR982821/KR982822

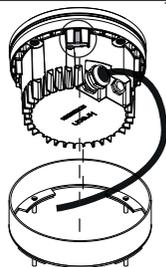
156mm(+2/-0mm) x min. 97mm

up in-line outdoor circular wallwasher gear excl.

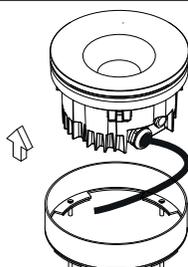
KR982881/KR982882

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

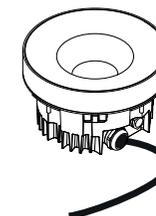
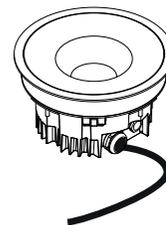
installation in hollow floor



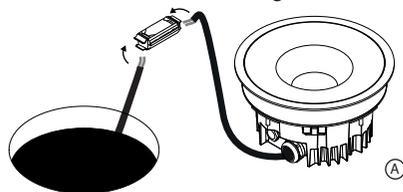
align the two springs on the product with the cut-outs in the frame



click the frame onto the product



electric connection in case of gear included



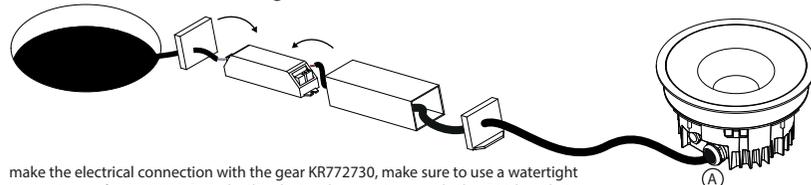
make the electrical connection by using the KR782105 coupling sleeve (according to manual) or any suitable connection compartment with required protection class

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.

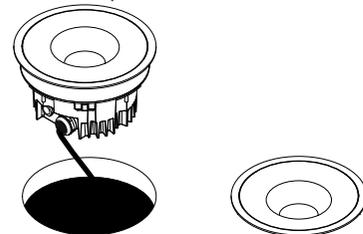
the cable gland (A) must not be opened!

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

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

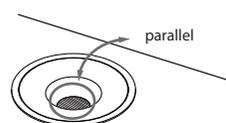
installation in hollow floor

in case of up outdoor



install the product in the cut-out in the floor

in case of wallwasher

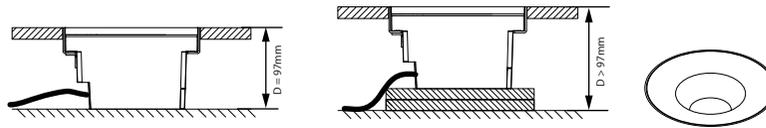


in case of wallwasher version, the orientation of the product is important. Always make sure that the lines in the wallwasher lens are parallel to the wall that needs to be enlighthed.

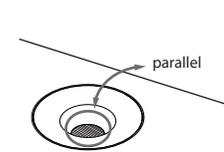
name	reference
up outdoor circular gear incl.	KR982601/KR982602
up outdoor circular gear excl.	KR982621/KR982622
up outdoor circular wallwasher gear excl.	KR982681/KR982682

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

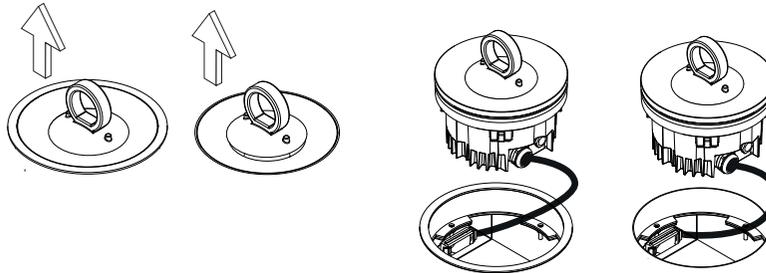
installation in hollow floor

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

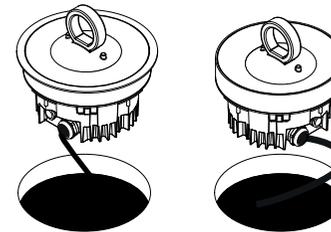
in case the depth is > 96mm, first fill out the depth until the correct depth of 96mm is reached

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 enlighthed.

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



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



6 removal of the up outdoor

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 pictures

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