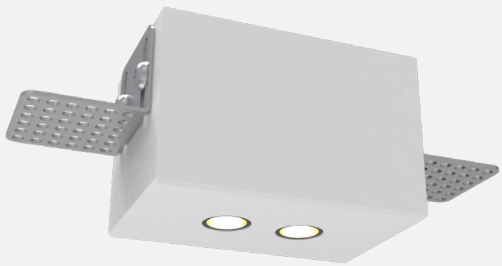
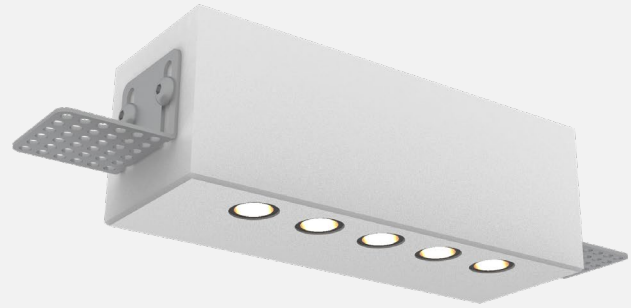
Louss

Lighting Emotion



Duo



5 Spotlights

NANOSTAFF

indoor | IP20 | Ta 25° | CE | made in FRANCE

NANOSTAFF • Duo • 5 Spotlights

Range	Recessed luminaire for general & accent lighting	
Description	Cluster of 2 or 5 low luminance spotlights, inserted in a recessed gypsum board with fixing brackets for installation in BA13 plasterboard Low luminance spotlights equipped with quick connectors and fixed with spring plungers Fixed tilt : 10° - 15° - 25°	
Finish	Black matt finish spotlights Raw finish gypsum board	
Dimensions & Net weight	**Duo**	**5 Spotlights**
	Length : 70mm 130mm (with brackets) Width : 45mm Height : 51mm	Length : 130mm 190mm (with brackets) Width : 45mm Height : 51mm
	0.867 kg	1.314 kg
LED characteristics	2700K – 3000K – 3500K – 4000K – 5000K (other upon request) MacAdam ellipse : 3 SDCM CRI 92 R9>80	
Optical beams	**Duo**	**5 Spotlights**
	16° - 20° - 40° - 65° - 17°x49° (Elliptical beam possible without tilt)	15° - 20° - 37° - 40° - 65° - 16°x40° (Elliptical beam possible without tilt)
Accessories	Supplied with masking caps and spotlight extractor	
Connection	Delivered with a multi-plug cable for serial connection, to be inserted into the ceiling before the installation of the luminaire	
Power supply	600mA max. external constant current driver For the US & Canada, use a UL class 2 driver	
Power	**Duo**	**5 Spotlights**
	4W at 600mA max.	10W at 600mA max.

All the connections have to be made before powering up,
otherwise the luminaires could be seriously damaged.

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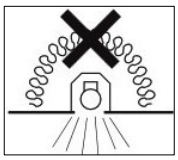
NANOSTAFF • Duo • 5 Spotlights

Use limitations 	The product must be installed into a ventilated area This product must not be covered with insulating material A clear space, free of any obstacles or coverings, must be provided in the plenum above the luminaire (see pages 4-5), to allow a correct ventilation of the luminaire and protect the wires Any use with an ambient temperature higher than the specified ambient temperature (Ta) would lead to a more rapid mortality of the product and the withdrawal of our guarantee. The drivers, if not delivered by LOuss, must be approved before use
Warranty	Life span: L80B10 at 50,000 hours (80% remaining flux) at 25°C ambient temperature. 3-year parts and labour warranty. The warranty does not apply to products that have been opened, modified or repaired and does not cover the effects of a wrong connection, careless, abusive handling, overvoltage, lighting injury, as well as the normal wear of the product. All products are electrically tested and received a functional burn-in.

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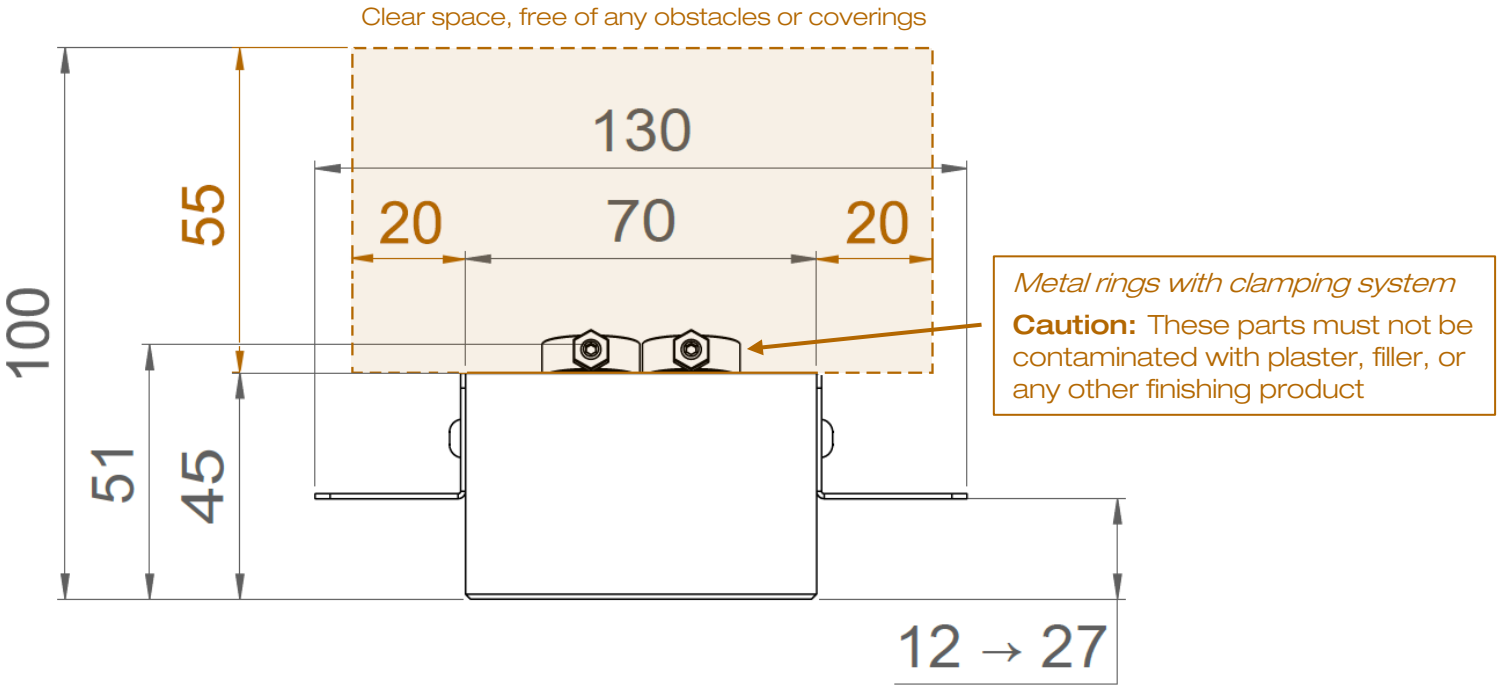
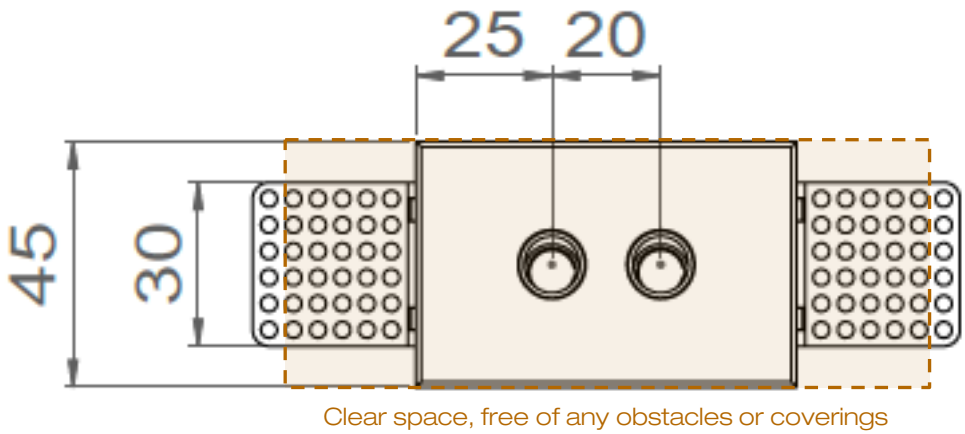
NANOSTAFF DUO





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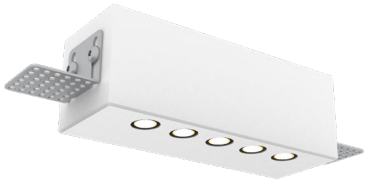
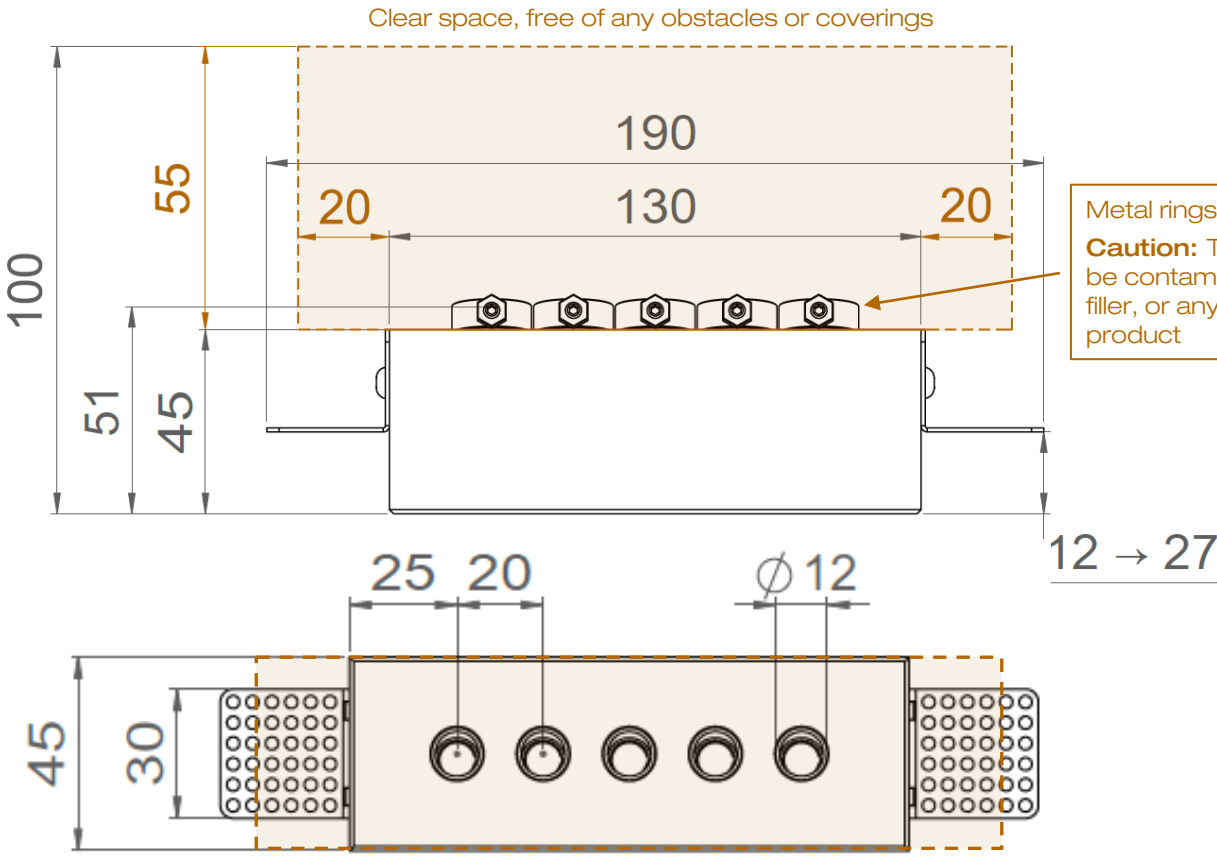


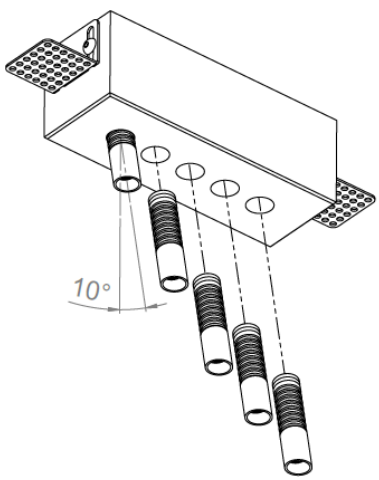
NANOSTAFF 5 SPOTLIGHTS



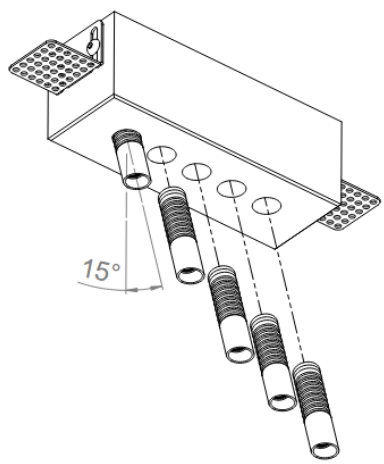
Metal rings with clamping system

Caution: These parts must not be contaminated with plaster, filler, or any other finishing product

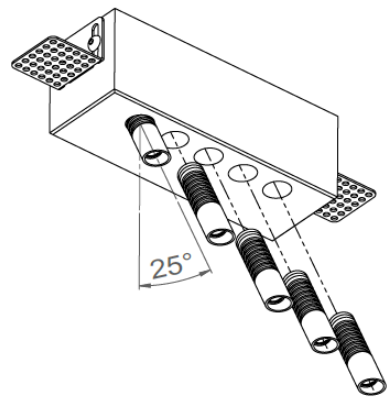
10° tilt version



15° tilt version



25° tilt version



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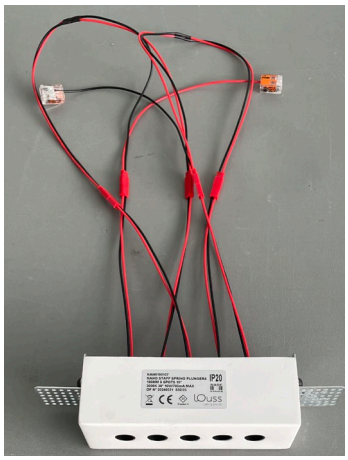
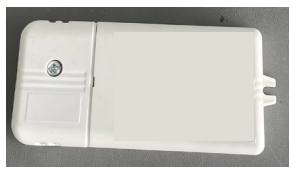
NANOSTAFF • Duo • 5 Spotlights

Setting up of the luminaire before installation

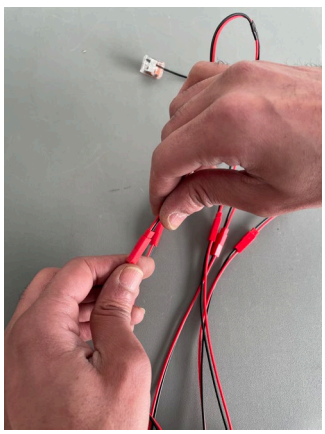


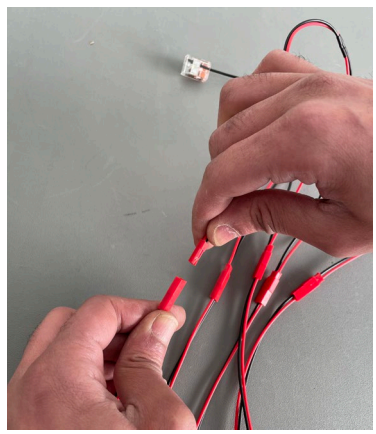


1. The set includes:
   1 luminaire equipped with quick connectors

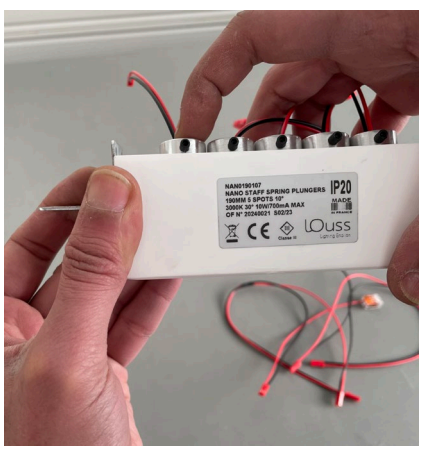
   1 extension cable with 2 or 5 connectors

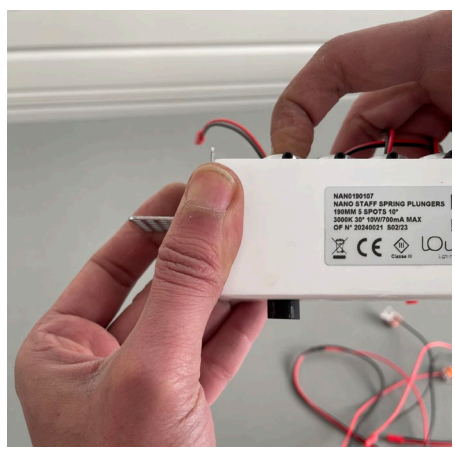
   1 driver (picture as an example)





2. Remove the extension cable by taking off the quick connectors





3. Push on the rear part of each LED spot in order to remove them from the gypsum block

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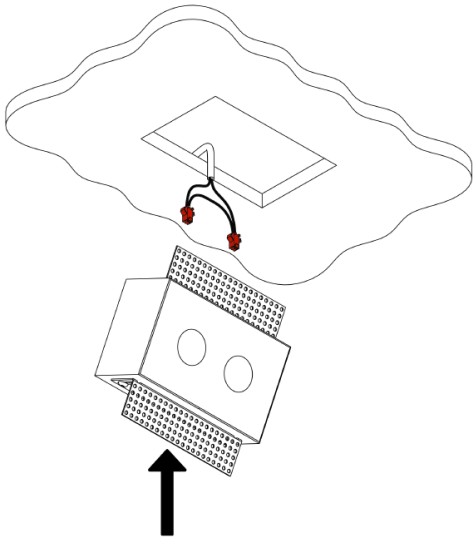
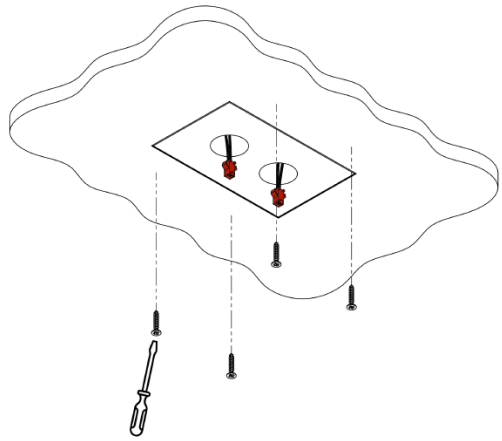
NANOSTAFF • Duo • 5 Spotlights

Installation guide

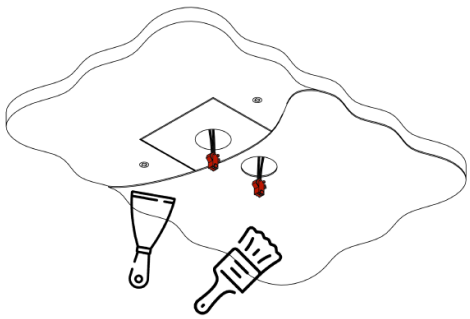


1 Insert the multi-plug cable into the ceiling



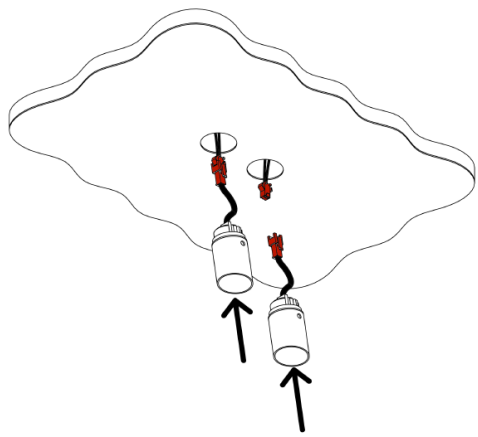
2 Insert the gypsum block and fix it

If necessary: adjust the high of the brackets according to the ceiling's thickness



3 Make the finishing seal around the gypsum block covering the screws

Make the painting



4 Insert the LED spots and fix them using the quick connectors

Insert the spotlights until you hear a "click" (contact with the magnets or the spring plungers)

Tilted version:

Install the LED spots so that they are perfectly aligned with the surface

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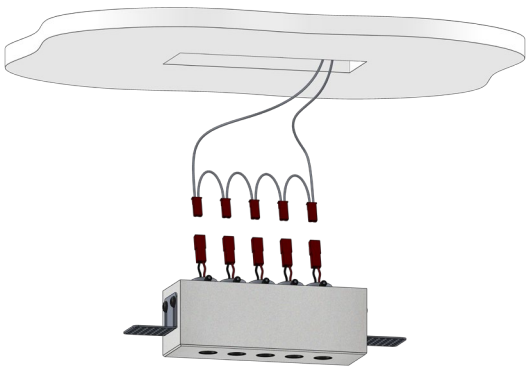
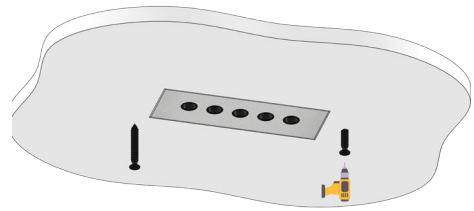
Installation guide
(without spot removal using masking caps)
(1/2)



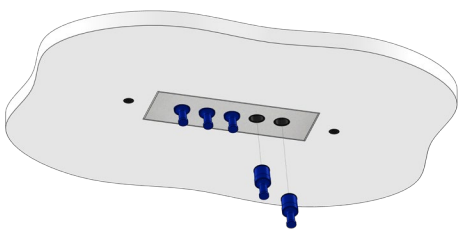


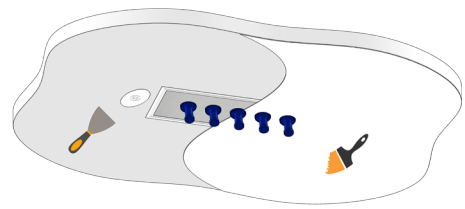
1 Insert the multi-plug cable into the ceiling

Caution:
- Allow a minimum clearance of 5 cm above the luminaire
- Avoid any obstacles that could snag the cables

2 Insert the gypsum block and fix it

If necessary: adjust the high of the brackets according to the ceiling's thickness





3 Insert the sillicone masking caps into the spotlight cavities

The caps push back the spotlights a few millimeters and close the holes completely

4 Make the finishing seal around the gypsum block covering the screws

Make the painting

Caution : *Ensure that no plaster or other finishing product gets onto the top part of the luminaire*

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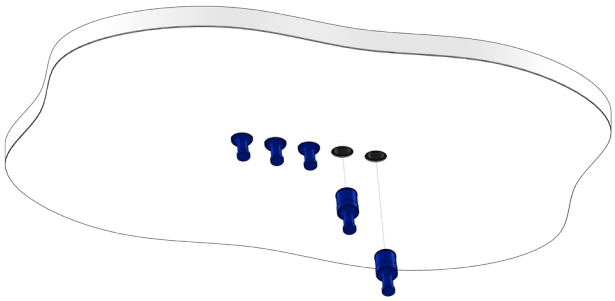
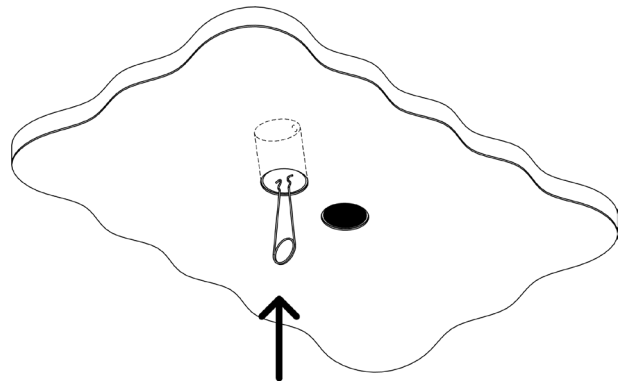
Installation guide
(without spot removal using masking caps)
(2/2)

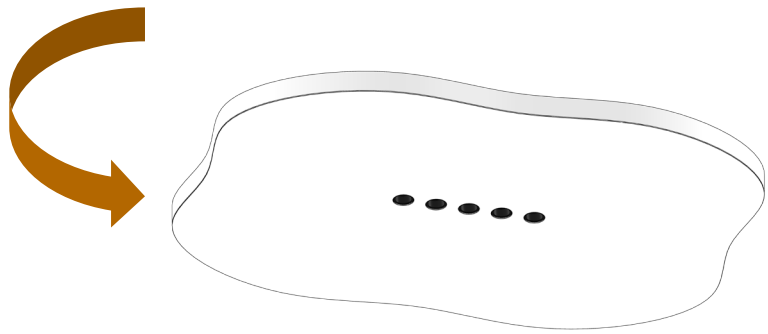




5 Remove the plugs right after applying the paint, before it has dried, to prevent cracking.

6 If necessary: use the extractor to return the spotlights to their flush position : Insert the extractor supplied into the 2 holes in each spotlight and pull until the spotlight “clicks” into place

Tilted versions:
Align the spotlights so that the bevel is flush with the ceiling surface.



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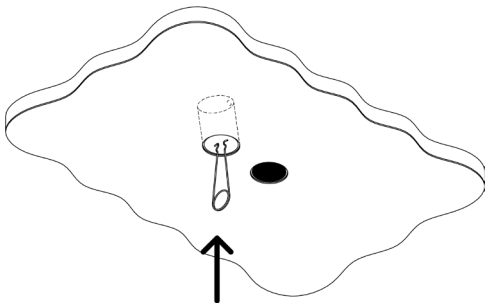
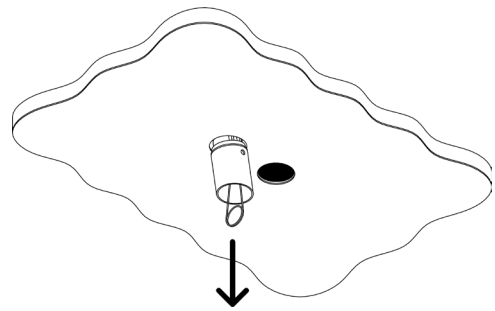
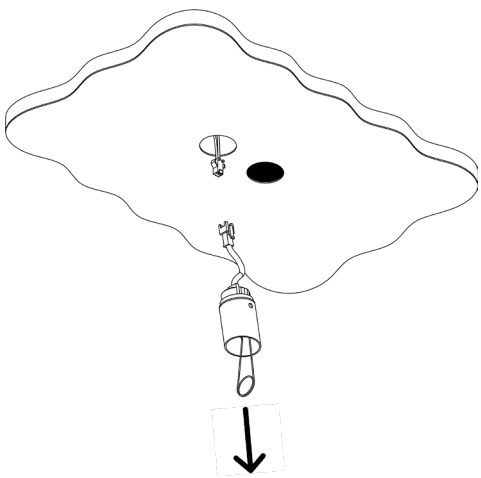
Replacement of LED spotlight(s)



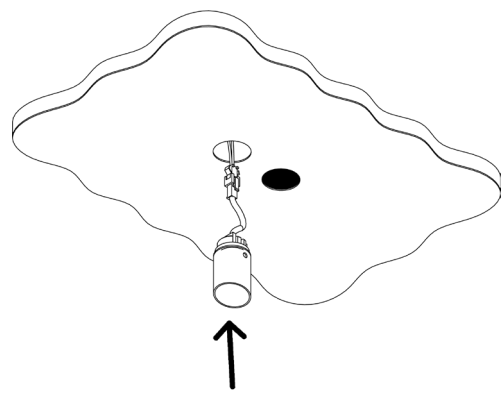
1 Insert the supplied extractor into the 2 holes of the LED spot to be replaced



2 Pull the extractor down to remove the LED spot



3 Remove the LED spot using the quick connector



4 Install the new LED spot using the remaining quick connector in the ceiling

Insert the spotlights until you hear a “click” (contact with the magnets or the spring plungers)

Tilted version:
Align the spotlights so that the bevel is flush with the ceiling surface

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