

Wouss

Lighting Emotion



Threaded Rod Simple • BL



Holder Simple • BL



On-Plate Simple • BL



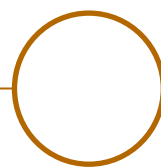
Magnetic Simple • BL

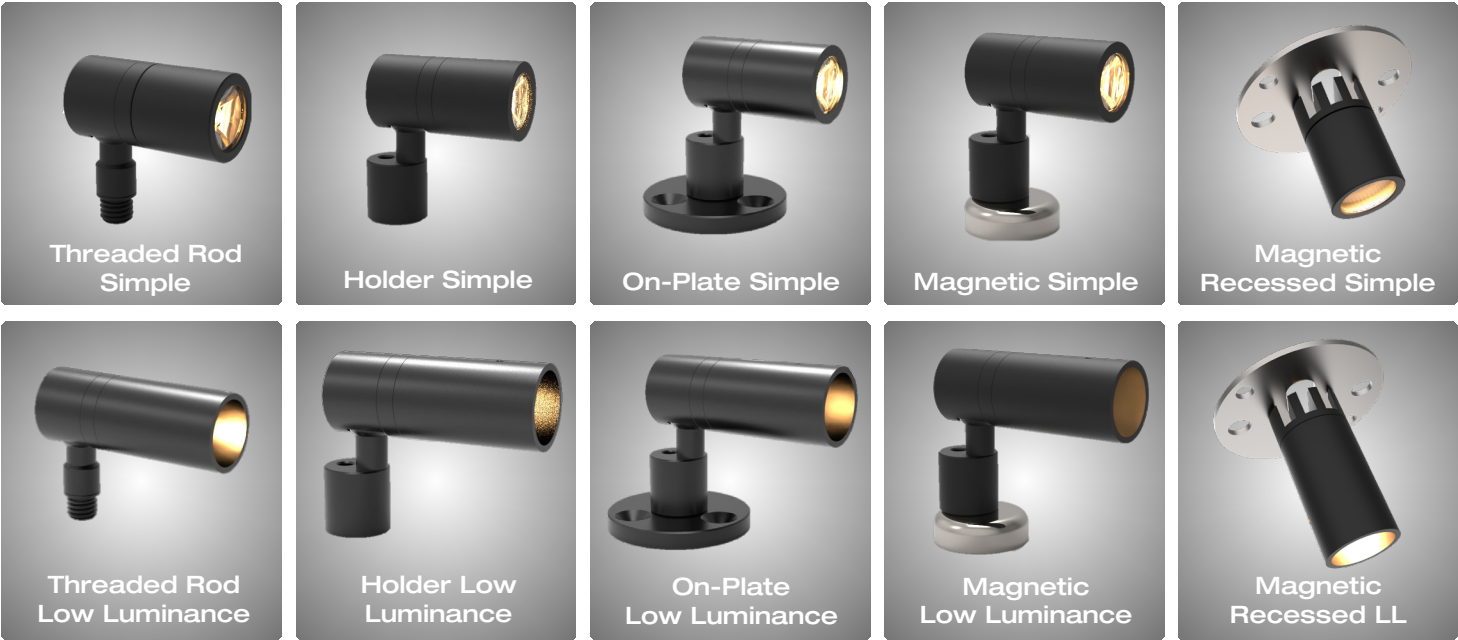


Magnetic Recessed
Simple • BL

NANO 12

The miniature spotlight

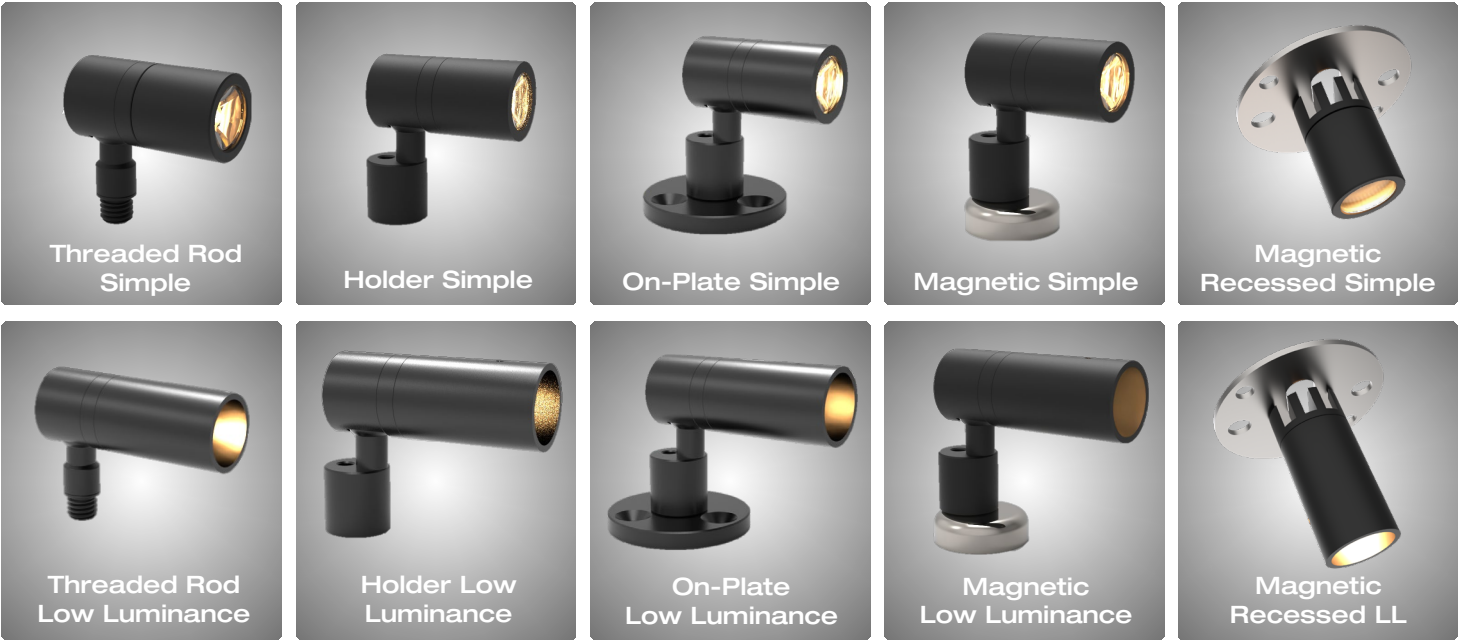




NANO 12

Range	Spotlights for accent lighting	
Description	Supplied in Simple or Low Luminance version Anodized aluminum body Recessed Magnetic version : Supplied in Straight or Beveled (10°, 15°, 25° or 30°) versions Threaded Rod, Holder, On-Plate & Magnet versions : Orientation 350° - Adjustable tilt 109°	
Finish	Black anodized matt finish	
Dimensions	Threaded Rod	Holder
	Spotlight diameter : 12mm Spotlight length : 24mm (Simple) 32mm (L.L) Max. height : 31mm (Simple) (holder included) 39mm (L.L) Fixing device height : 4mm	Spotlight diameter : 12mm Total length : 27mm (Simple) (holder included) 35mm (L.L) Max. height : 37mm (Simple) (holder included) 46mm (L.L) Holder diameter : 10mm
	On-Plate	Magnet
	Spotlight diameter : 12mm Total length : 34mm (Simple) (plate included) 43mm (L.L) Max. height : 40mm (Simple) (plate included) 49mm (L.L) Plate diameter : 25mm	Spotlight diameter : 12mm Total length : 27mm (Simple) (magnet included) 35mm (L.L) Max. height : 42mm (Simple) (magnet included) 51mm (L.L)
	Recessed Magnetic	
	Spotlight diameter : 12mm Spotlight length : 18.50mm (Simple) 26.80mm (L.L) 26.80mm (10° bevel) 27.40mm (15° bevel) 28.51mm (25° bevel) 29.2mm (30° bevel) Stop washer diameter : 30mm	

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



NANO 12

LED characteristics	CRI 92 / R9>80 : 1 LED 2700K – 3000K – 3500K – 4000K – 5700K CRI 80 : 1 LED 2200K MacAdam ellipse : 3 SDCM
Optical beams	16° - 23° - 25° - 33° - 37° - 58° - 69° - 78° 17°x49° (Simple) – 16°x40° (Low Luminance)
Connection	Supplied with 0.5m cable Individual connection or connection in series on external constant current driver Optional : Easy plug system (25cm cable + male & female quick connectors + shunt)
Separate power supply	500mA max. External constant current driver For the US & Canada use a UL class 2 driver
LED power	Simple version : 1W at 350mA Low Luminance version : 1.6W at 500mA
Use limitations	The product must be installed into a ventilated area 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 guarantees 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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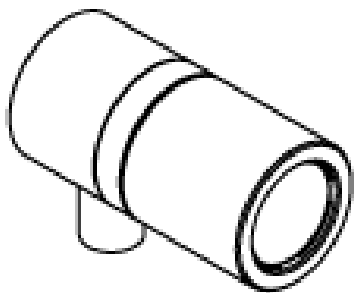
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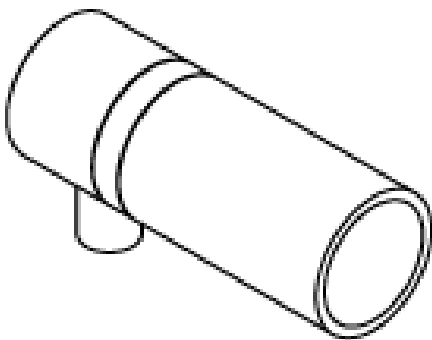
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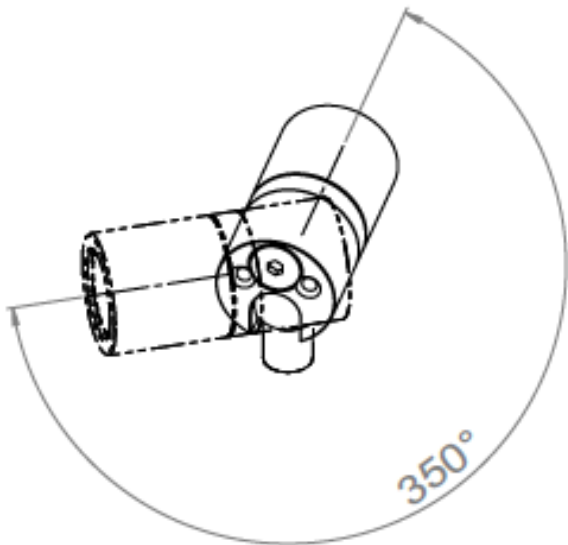
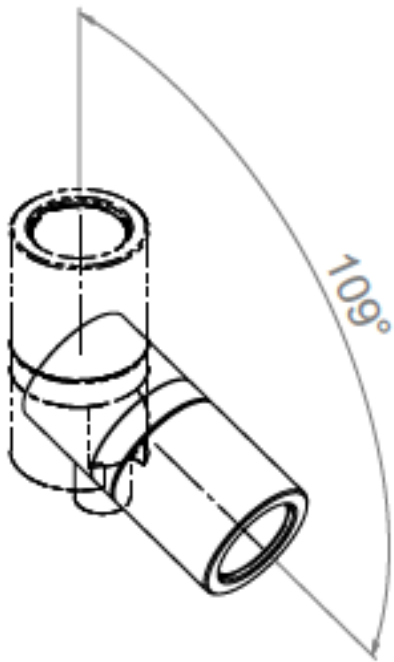
NANO 12 • Threaded Rod • Holder • On-Plate • Magnetic



Simple version



Low Luminance version



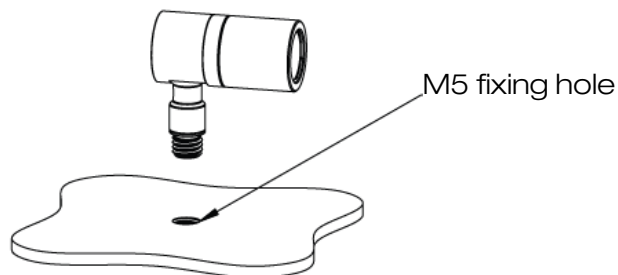
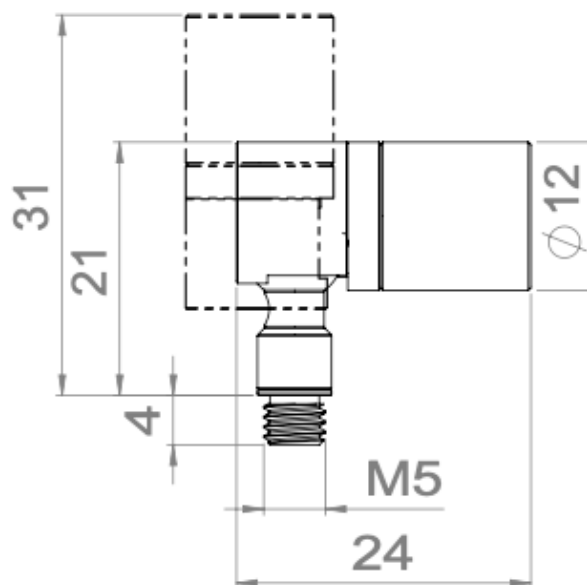
Beyond 120°, cables may cause an inconvenience

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



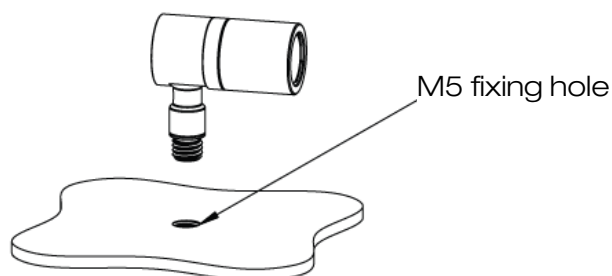
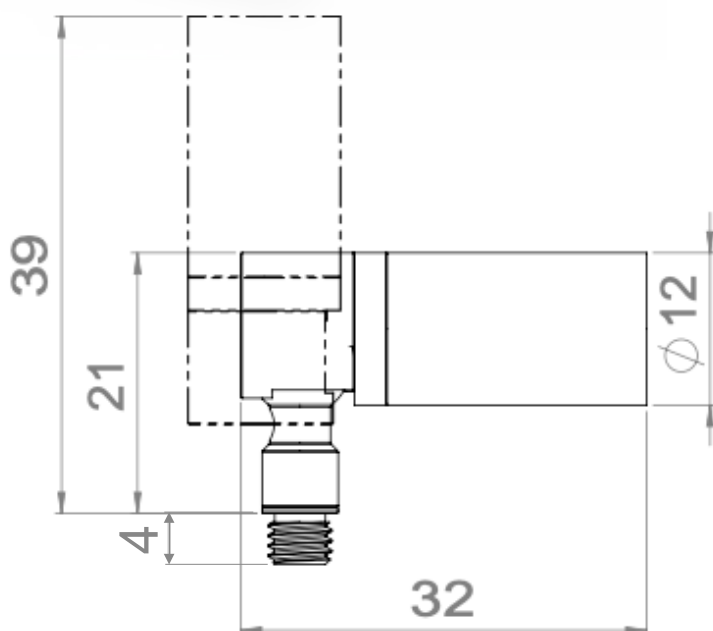
NANO 12 THREADED ROD

Simple version



NANO 12 THREADED ROD

Low Luminance version



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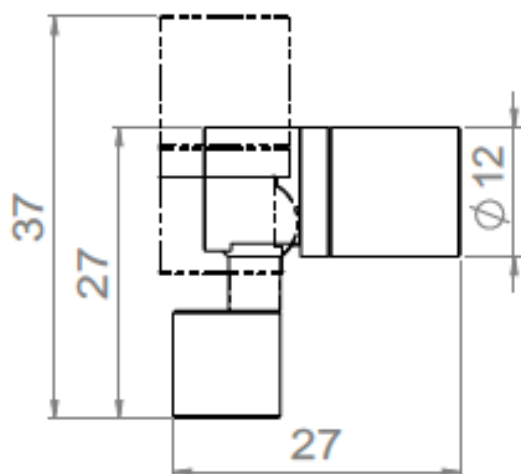
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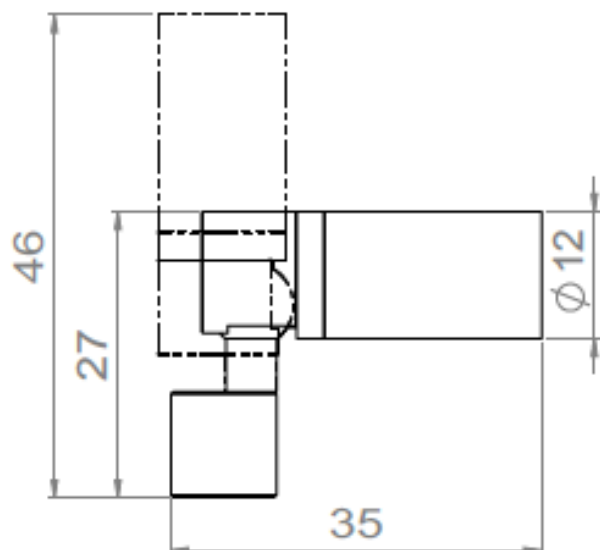
NANO 12 HOLDER

Dimensions & Installation Guide

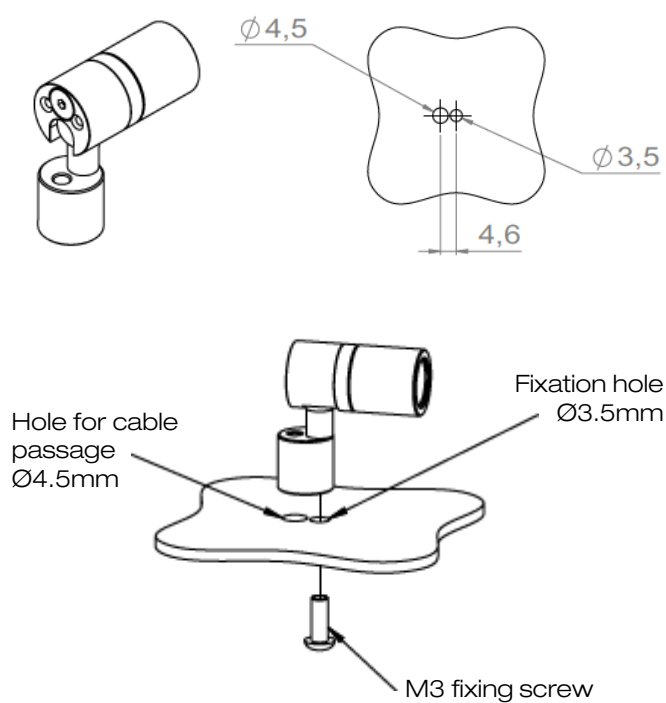
Simple version



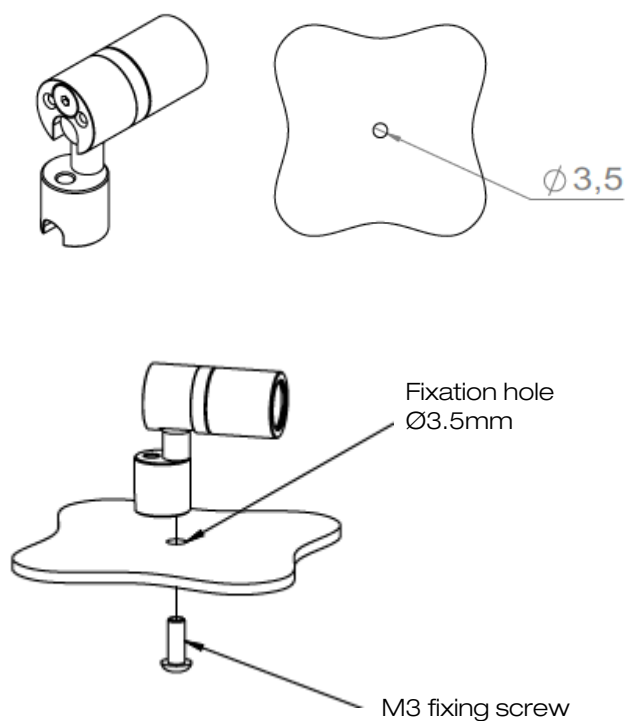
Low Luminance version



Installation guide
Cable output below



Installation guide
Cable output behind



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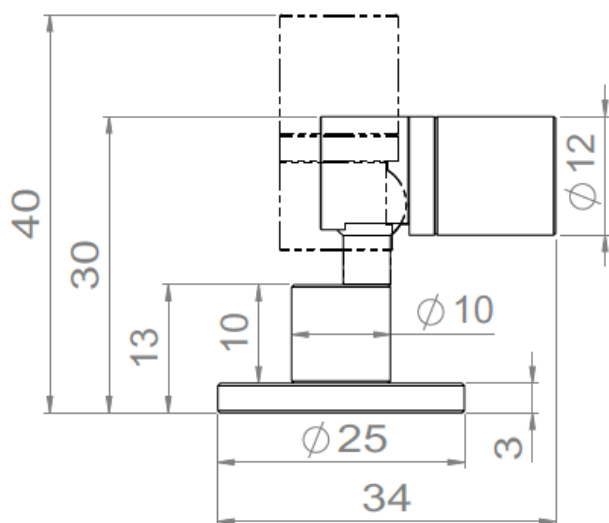
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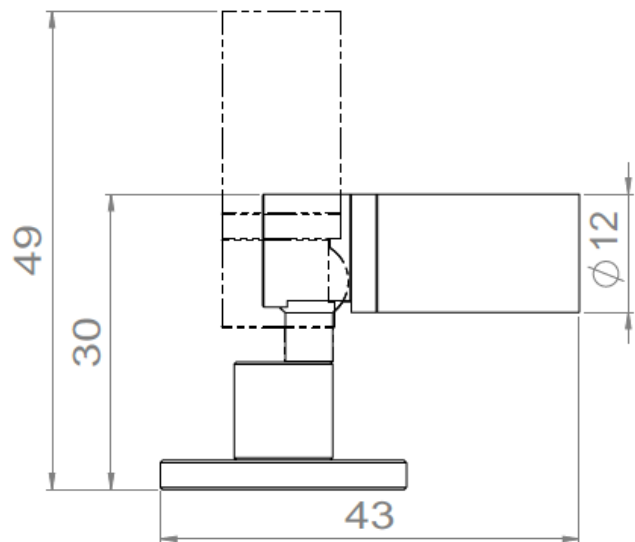
NANO 12 ON-PLATE

Dimensions & Installation Guide

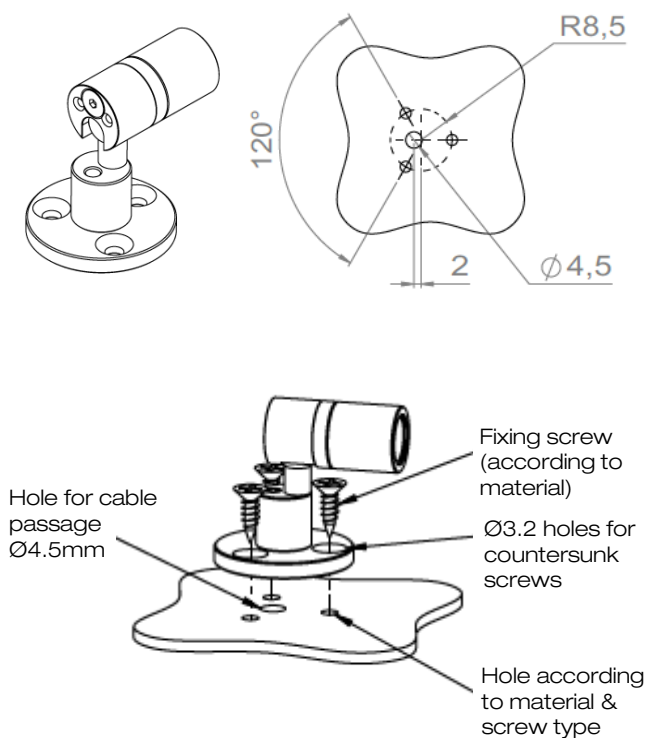
Simple version



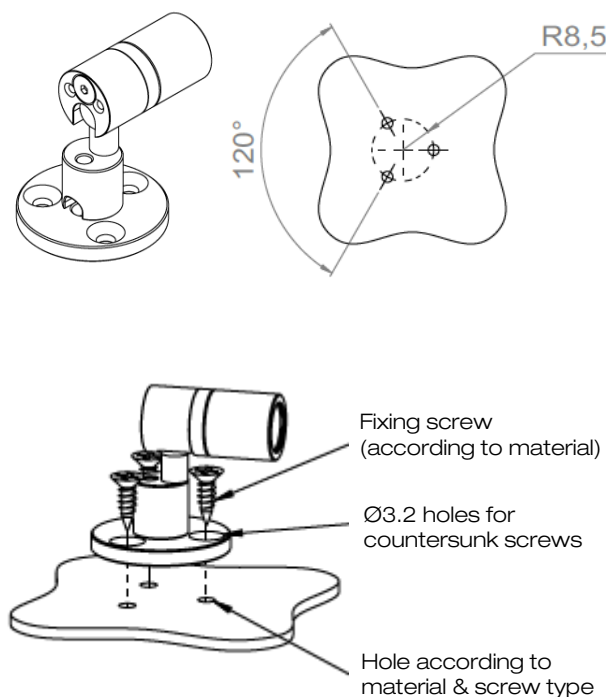
Low Luminance version



Installation guide
Cable output below



Installation guide
Cable output behind



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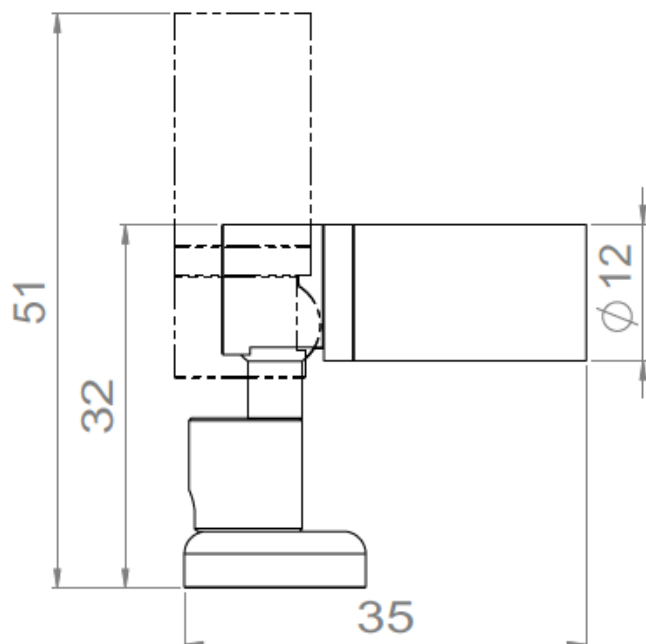
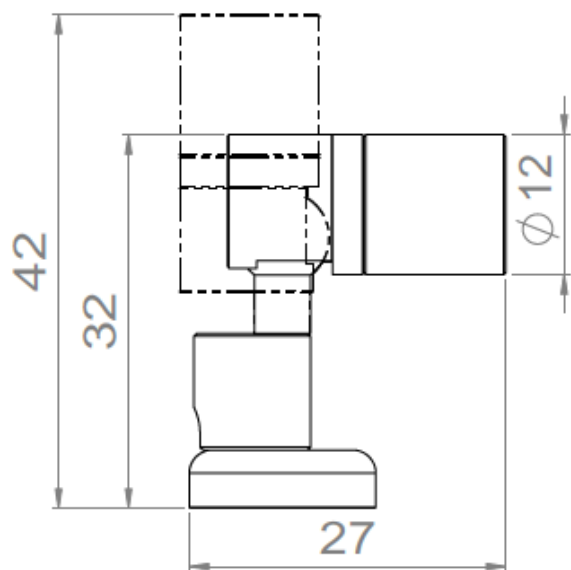


NANO 12 MAGNETIC

Dimensions & Installation Guide

Simple version

Low Luminance version



Installation guide
Cable output behind only



Install the spotlight on a metallic surface

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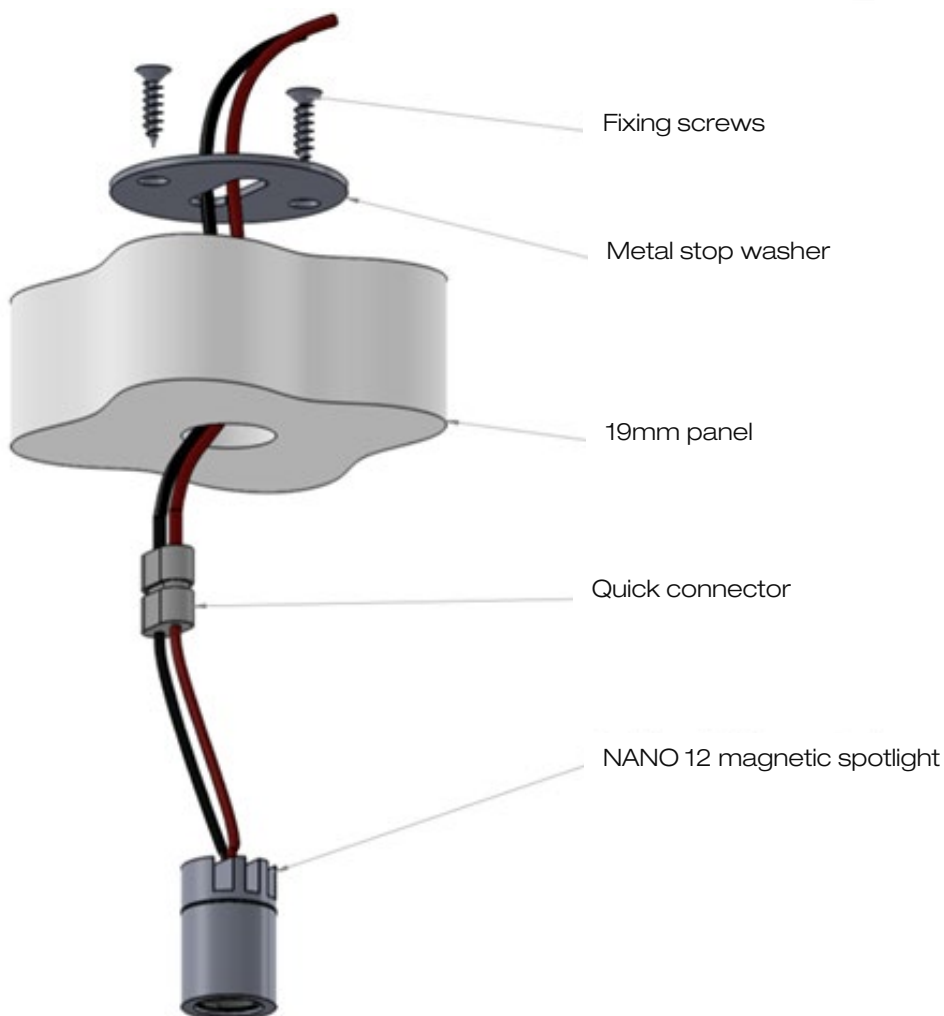
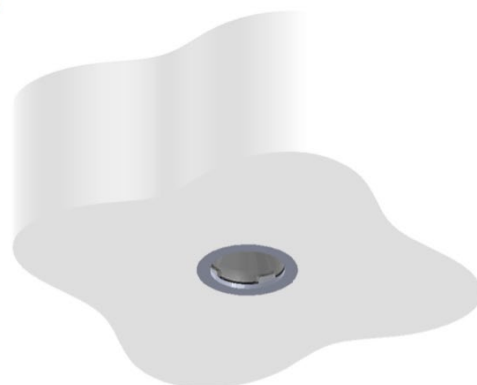
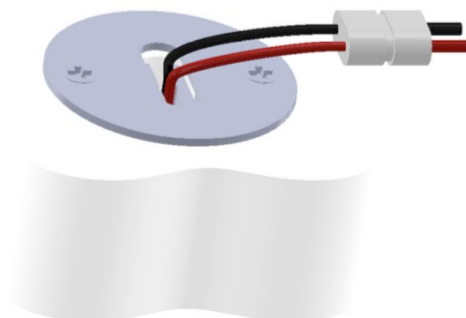
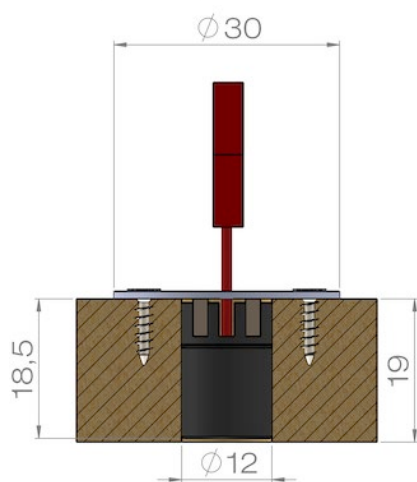
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NANO 12 RECESSED MAGNETIC

Simple version



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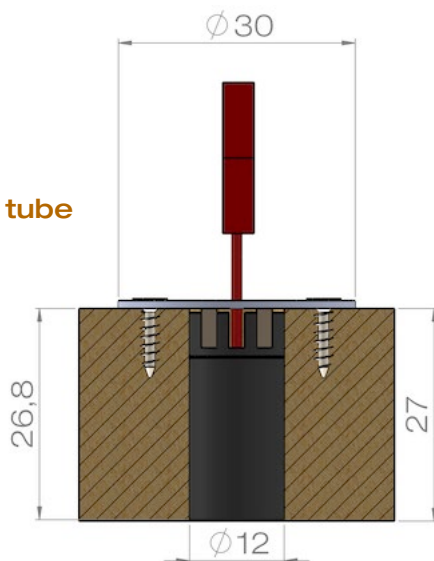
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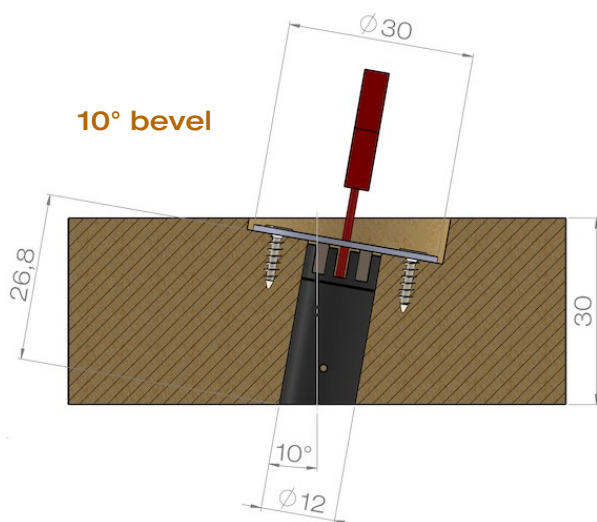
NANO 12 RECESSED MAGNETIC

Low Luminance version

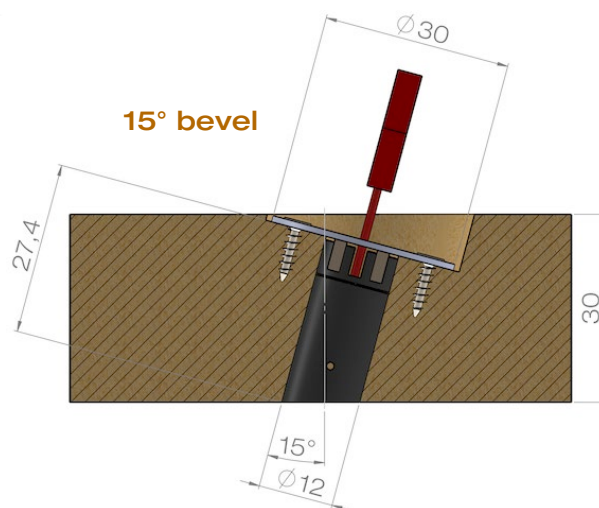
Straight tube



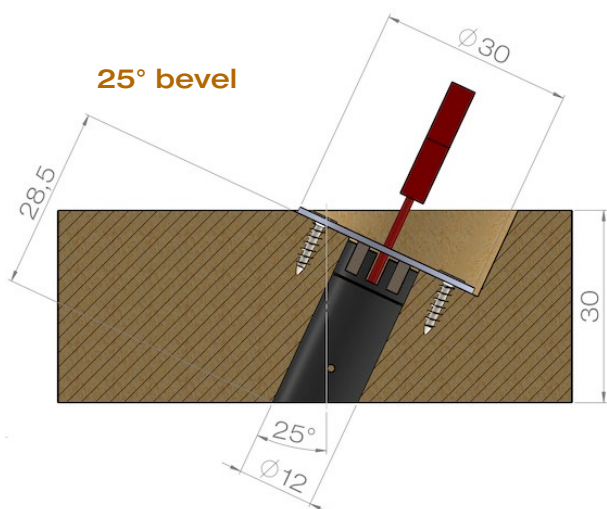
10° bevel



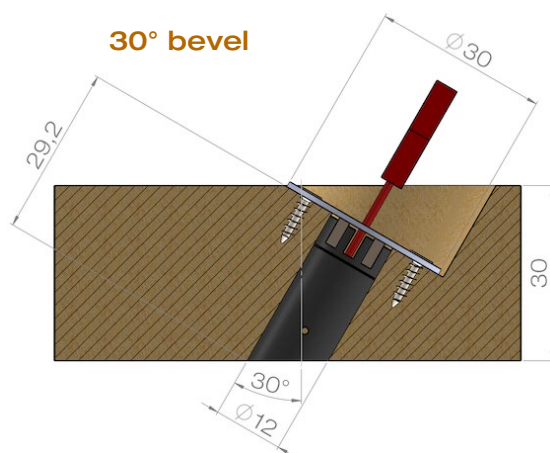
15° bevel



25° bevel



30° bevel



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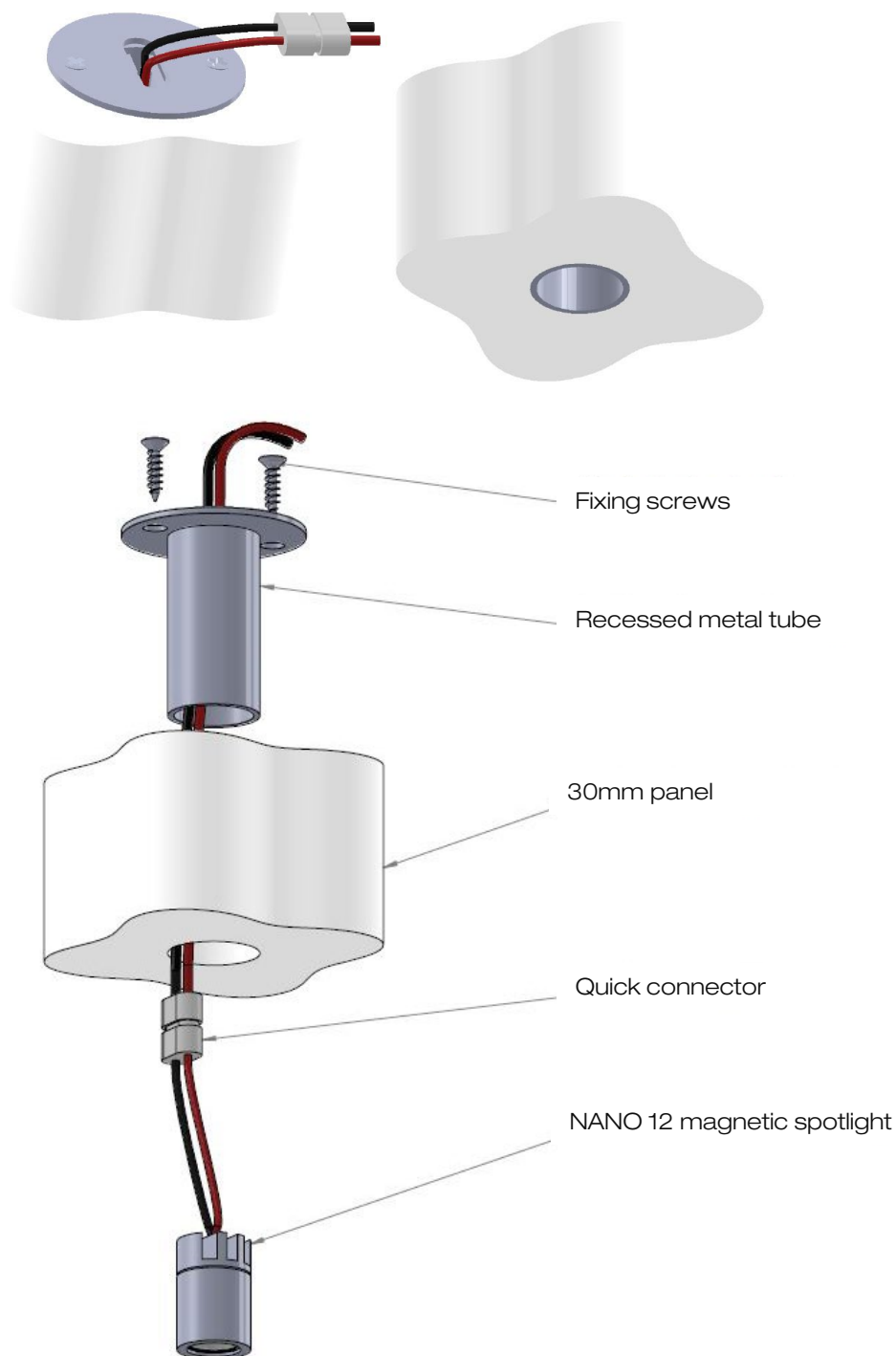
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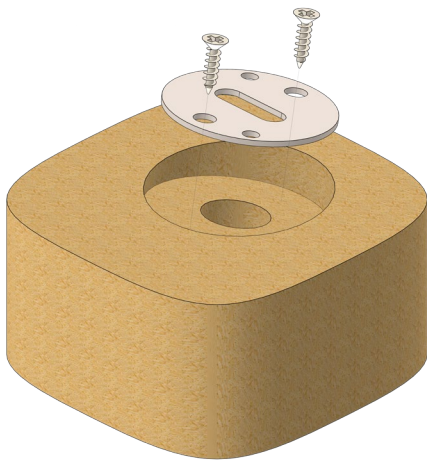
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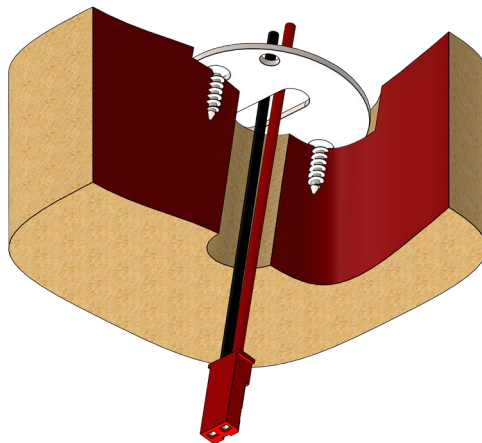
NANO 12 RECESSED MAGNETIC

Simple & Low Luminance versions

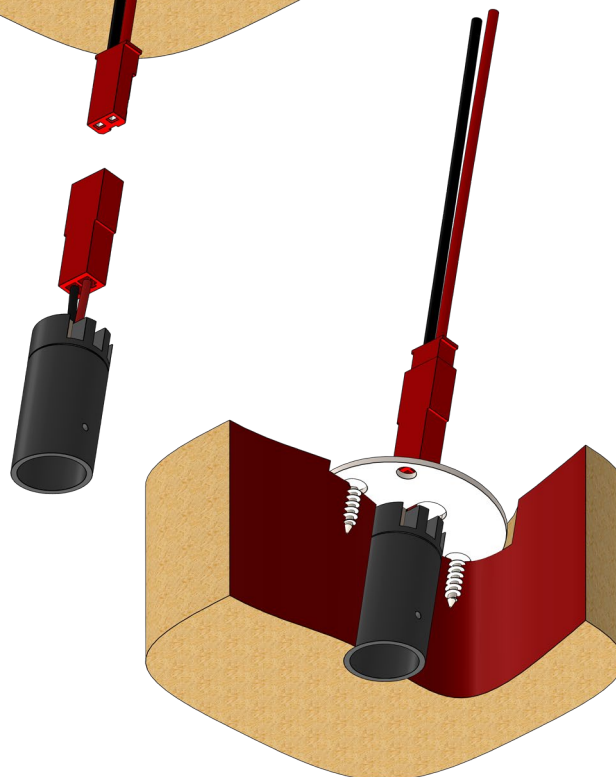
Installation from above



- 1 Make a hole in the surface according to the diameter of the spotlight to be installed, and screw the metal plate



- 2 Insert the driver's connection, or the extension cable, through the hole
Insert the spotlight from above and connect it to the cables using the quick connectors



- 3 Pull the spotlight up in order to fix it to the metal plate thanks to the magnets

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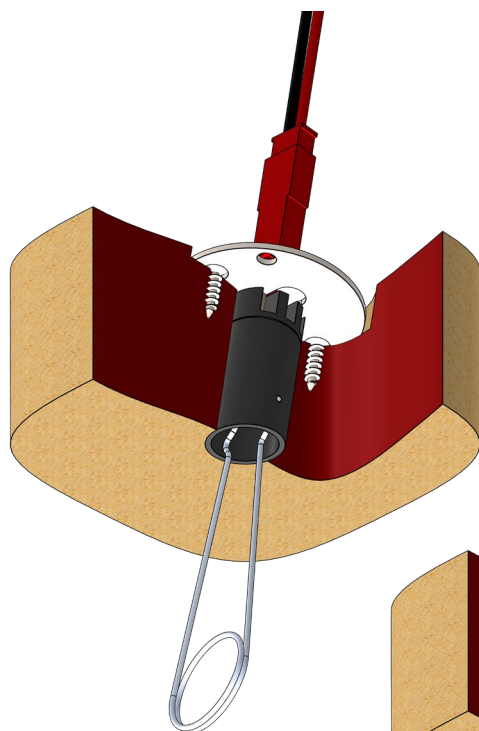
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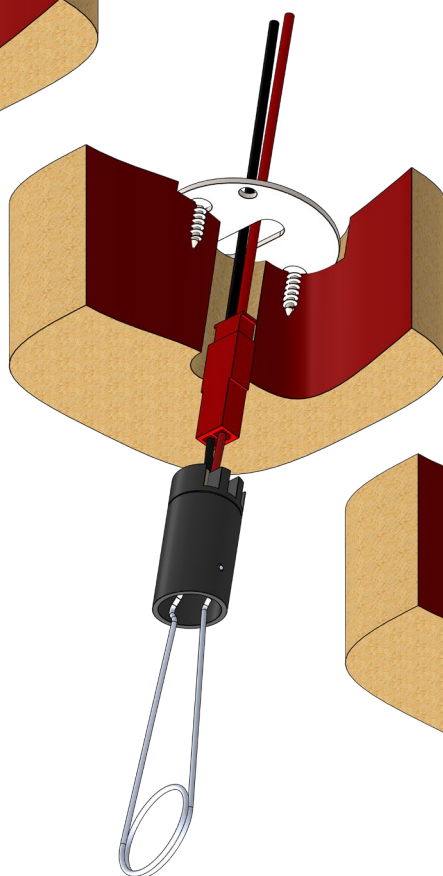
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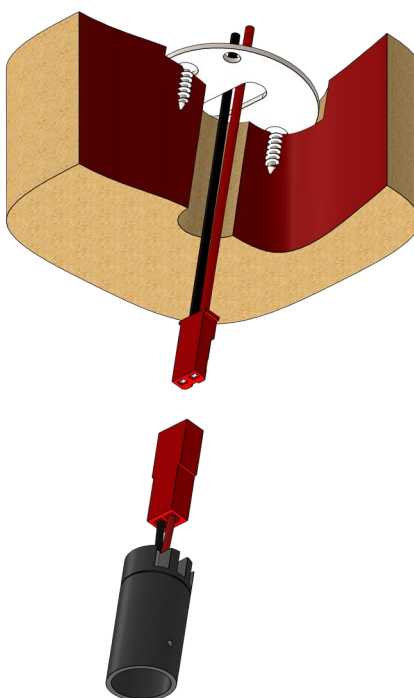
NANO 12 RECESSED MAGNETIC Simple & Low Luminance Versions Replacement of a spotlight



1 Insert the extractor in the 2 holes of the spotlight



2 Pull the spotlight down thanks to the extractor, in order to remove it from its location



3 Disconnect the quick connector of the spotlight from the quick connector of the driver's cable/extension cable
Remove the spotlight

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