

**MAGNETICALLY CONTROLLED SWITCHES FOR LED STRIP LIGHTING**

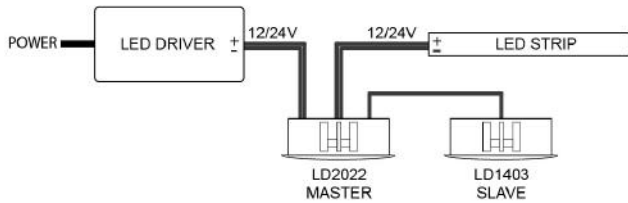
The LD2022 sensor-switch combines a magnetic sensor and a 5A switch within a single compact, recessed enclosure, simplifying the installation of door-activated LED lighting systems in cabinets.

This innovative sensor-switch is connected between a 12/24V DC power supply and the LED strip, turning off when near a magnet and automatically switching on as the magnet moves away.

The magnet can be easily attached to the door using self-adhesive 3M pads or discreetly embedded within the door. For added flexibility, a matching slave unit can control a second door within the same cabinet. The slave unit connects directly to the master switch by removing a jumper.

Refer to page 2 for available magnets and positioning.

**CONNECTION DIAGRAM**



**CABLES AND MAGNETS**



MASTER



SLAVE



**SPECIFICATIONS**

<b>LD2022 MASTER</b>	
Input/Output Voltage	12/24VDC
Max Current	5A
Max Load	60W @ 12V, 120W @ 24V
Mounting hole	25mm
Overall diameter	29mm
Input/output cables	1000mm
Colours	black, white
Magnet	select from range
Warranty	10 years

<b>LD2022 SLAVE</b>	
Cable length	200mm
Mounting hole	25mm
Overall width	29mm
Colours	black, white
Magnet	select from range
Warranty	10 years

**MAGNETS**  
Cylindrical  
Working gap < 30mm  
D9.5\*L30mm

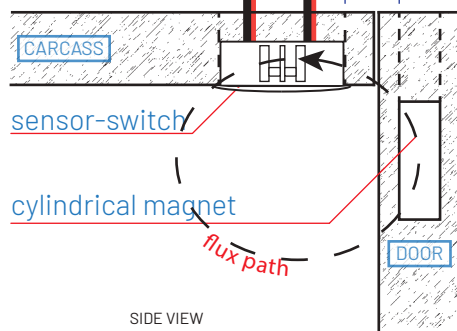
Cuboid  
Working gap < 40mm  
L28\*W15\*H6mm  
Supplied with 3M adhesive tape  
Colours: white, black, light brown, dark brown

Dome  
Working gap < 25mm  
D16\*H6.5mm  
Supplied with 3M adhesive tape.  
Colours: black, white, light brown, dark brown, light grey, dark grey

**POSITIONING OF MAGNETS**

keep parts as close as possible  
max gap 30mm

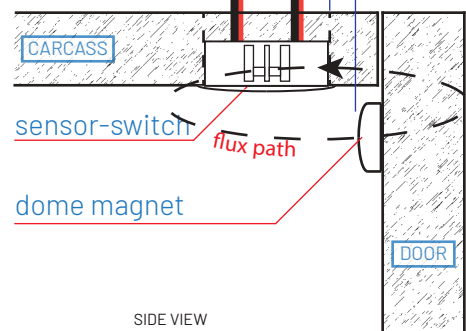
12/24V power  
12/24V LED



**CYLINDRICAL MAGNET**

keep parts as close as possible  
max gap 25mm

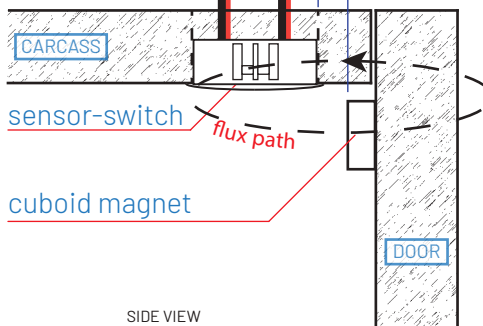
12/24V power  
12/24V LED



**DOME MAGNET**

keep parts as close as possible  
max gap 40mm

12/24V power  
12/24V LED



**CUBOID MAGNET**