

DESCRIPTION

Lightdream magnetic proximity sensors consist of :

1. Enclosed reed switch with 2m cable and plug.
2. Magnet

The parts, which are commonly referred to as “reed switch” are designed to be used in conjunction with Lightdream controllers in applications requiring door activated lighting such as in wardrobes, closets, pantries, laundries and similar spaces.

In application, the reed switch is fixed to the carcass and the magnet is fixed to the door. As the door opens the light turns on and turns off when the door is closed.

FEATURES

- Lifespan in excess of 10 million operations.
- Parts can be fully concealed, thereby invisible.
- Reed switch contacts are fully enclosed and protected from the effects of atmospheric corrosion.
- Contact free, maintenance free, silent in operation.
- Working gap from 25 to 40mm subject to parts used.
- Unaffected by door warp.
- Suitable for all door mechanisms - hinged, sliding, bifold, shutter.
- Unlimited number of doors can control one light.
- Reed switches can be found in household white goods, appliances, vehicles, laptops, shutters, blinds, alarms, etc.

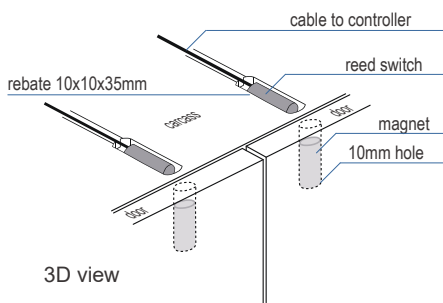
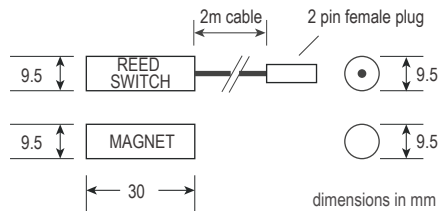
LD1400

CONCEALED

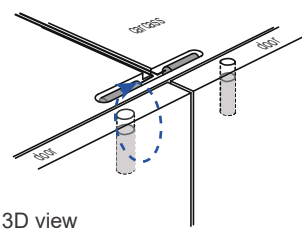
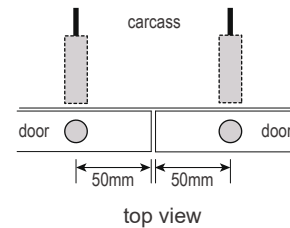
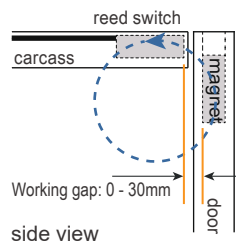
LD1400 has been designed to be concealed within the joinery. The reed switch is placed in a 10*10*35mm rebate within 5mm of the front edge of the carcass and the magnet is placed in a 10mm hole drilled into the top of the door.



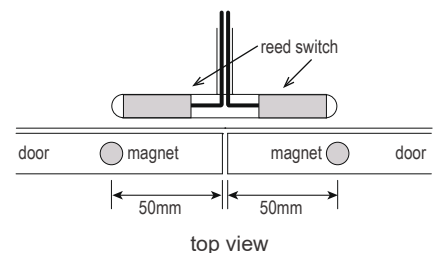
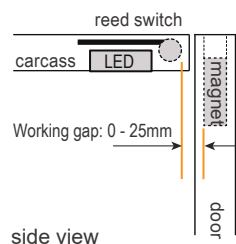
LD1400 REED SWITCH & MAGNET



STANDARD INSTALLATION WITH REED SWITCH POSITIONED AT 90° TO FRONT EDGE



INSTALLATION OF REED SWITCH PARALLEL TO FRONT EDGE



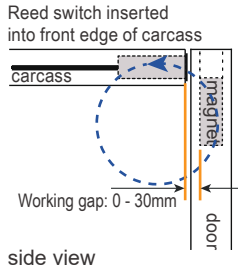
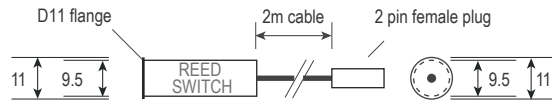
LD1401

RETROFIT

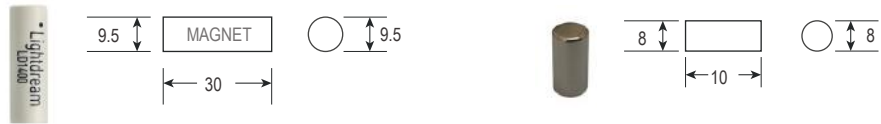
LD1401 reed switch is typically used when retro-fitting to installed joinery. Identical to the LD1400 reed switch except for a 11mm diameter flange which allows the components to be flush finish when installed. A wide range of magnets and colours are available to match finishes.



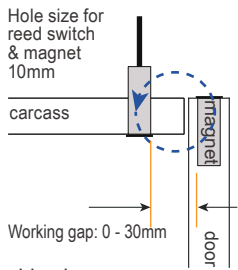
LD1401 REED SWITCH



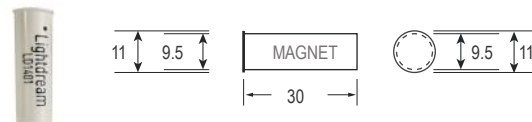
side view



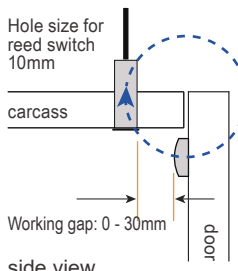
TYPICAL INSTALLATION USING CYLINDRICAL D9.5*30MM MAGNET OR 2 X D8*10MM MAGNETS



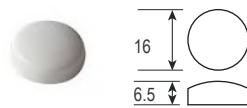
side view



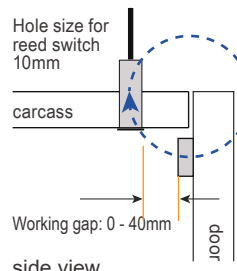
TYPICAL INSTALLATION USING CYLINDRICAL MAGNET WITH FLANGE



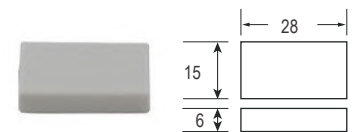
side view



TYPICAL INSTALLATION USING DOME MAGNET



side view



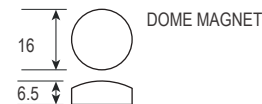
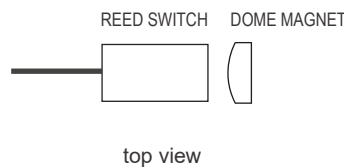
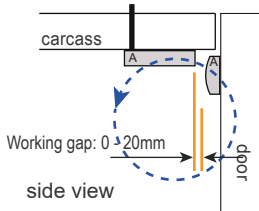
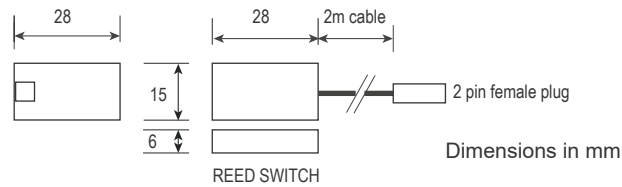
dimensions in mm

TYPICAL INSTALLATION USING CUBOID MAGNET

LD1402

SURFACE MOUNT

LD1402 reed switch and magnet have 3M peel 'n' stick backing to enable relatively quick installations. The reed switch is cuboid in shape and the magnet is dome shaped. A wide range of colours are available for both the reed switch and magnet to match finishes.



REED SWITCH & MAGNET

SPECIFICATIONS

LD1400	LD1401	LD1402	COLOURS
<p>REED SWITCH Shape: cylindrical Dimension: D9.5*L30mm Operations: >10,000,000 Cable: 2 metre Plug: 2 pole Contacts: NO Colour: white Warranty: 10 years</p> <p>MAGNET Shape: cylindrical Dimension: D9.5*L30mm Type: NdFeB Lifespan: 10,000 years Colour: white</p>	<p>REED SWITCH Shape: cylindrical Dimension: D9.5*L30mm Flange: D11mm Operations: >10,000,000 Cable: 2 metre Plug: 2 pole Contacts: NO Colour: white Warranty: 10 years</p> <p>MAGNET - CYLINDRICAL (1) Dimension: D9.5*L30mm, Flange: 11mm</p> <p>MAGNET - CYLINDRICAL (2) Dimension: D8*L10</p> <p>MAGNET - DOME Dimension: D16*H6.5 mm</p> <p>MAGNET - CUBOID Dimension: L28*W15*H6 mm</p> <p>GENERAL Type: NdFeB Lifespan: 10,000 years</p>	<p>REED SWITCH Shape: cuboid Dimension: L28*W15*H6 mm Operations: >10,000,000 Cable: 2 metre Plug: 2 pole Contacts: NO Warranty: 10 years</p> <p>MAGNET - DOME Dimension: D16, H6.5 mm Type: NdFeB Lifespan: 10,000 years</p> <p>MAGNET - CUBOID Dimension: L28*W15*H6 mm Type: NdFeB Lifespan: 10,000 years</p>	<p>DOME White Black Light brown Dark brown Light grey Dark grey</p> <p>CUBOID White Black Light brown Dark brown</p>