

DC CONTROLLERS

The DC controller forms the central hub of the lighting system, switching power between the power supply and LED strip lights when controlled by door activated reed switches. Reed switches can be either LD1400, LD1401, LD1402, LD1403 or LD1404.

The controller switches on when any door is opened and switches off when all doors are closed. The number of doors is unlimited. Power can be sourced from either a power adapter or a LED driver.

LD2041 has additional features including fade-in and fade-out, auto-switch-off if a door is left open and manual dimming.

Lightdream DC controllers and reed switches integrate with other suppliers LED lights and drivers.



Input/Output Voltage	12/24VDC
Max Current	5A
Max Load	60W @ 12V, 120W @ 24V
Reed Switch Inputs	4
Warranty	10 years

LD2040

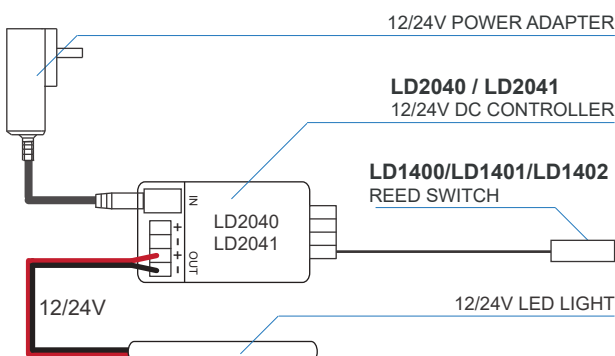
Input/Output Voltage:	12/24VDC
Maximum Current:	5A
Maximum Load:	60W @ 12V, 120W @ 24V
Reed Switch Inputs:	4
Fade-in/Fade-out:	NA
Auto-switch-off:	NA
Dimming:	NA
Warranty:	10 years

LD2041

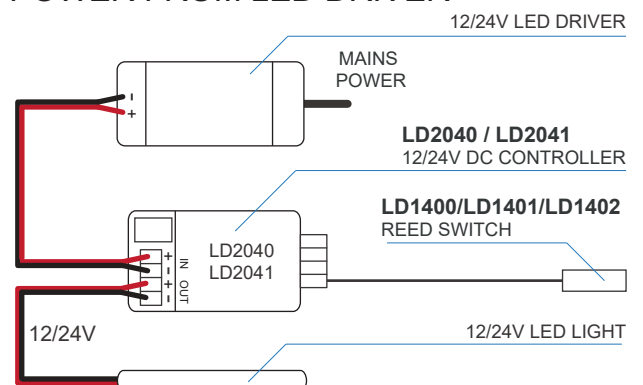
Input/Output Voltage:	12/24VDC
Maximum Current:	5A
Maximum Load:	60W @ 12V, 120W @ 24V
Reed Switch Inputs:	4
Fade-in/Fade-out:	0 - 5 secs.
Auto-switch-off:	5m, 15m, 30m, infinity
Dimming:	Manual, 70%
Warranty:	10 years

BASIC SYSTEM

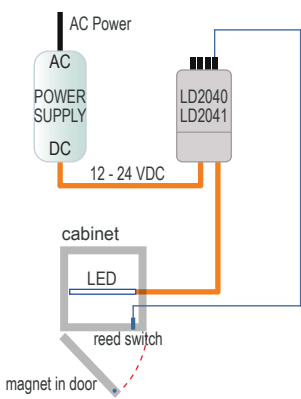
POWER FROM POWER ADAPTER



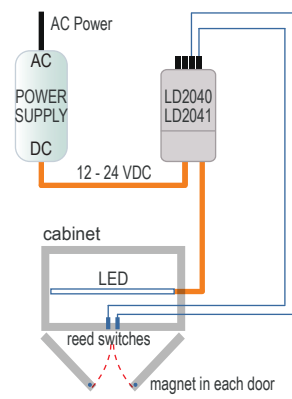
POWER FROM LED DRIVER



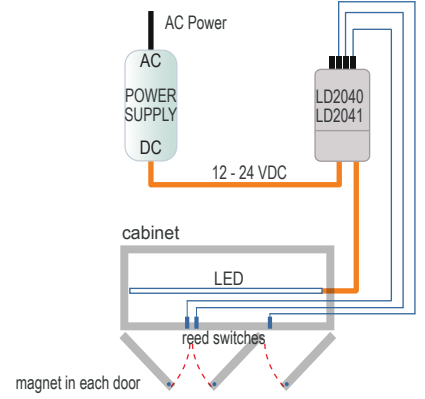
COMMON CONFIGURATIONS



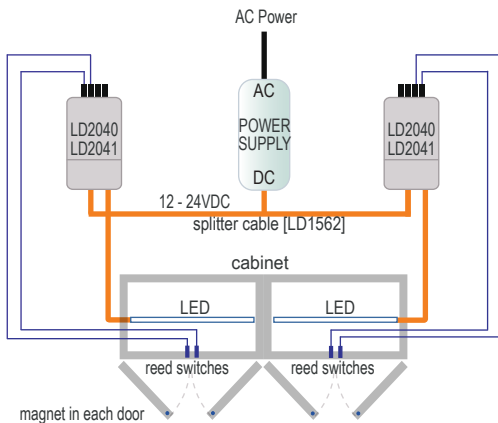
1 Single door cabinet
Open door, light on
Close door, light off



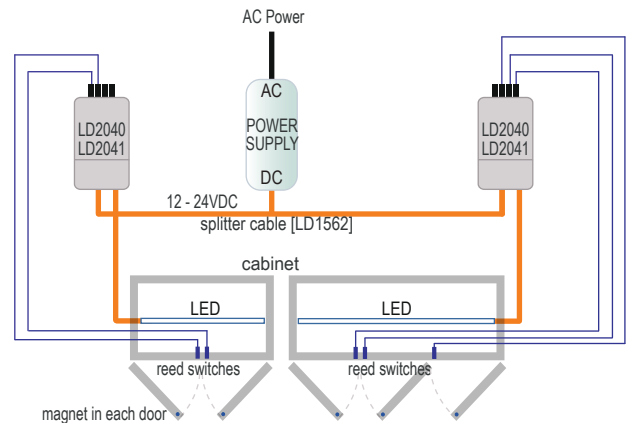
2 Two door cabinet
Light comes on when
either door is opened.
Close all doors, light off.



3 Three door cabinet
Light comes on when
any door is opened.
Close all doors, light off.



4 Two cabinets with two doors each.
Each cabinet is independent.
Common power supply.



5 One cabinet with two doors, one cabinet with three doors.
Both cabinets are independent.
Common power supply.

SUITABLE FOR ANY DOOR

