

### DOOR ACTIVATED LIGHTING SYSTEM

P1

#### DC CONTROLLER LD2040

The DC controller forms the central hub, switching power between the power supply and the LED light and controlled by door adjacent reed sensors. Reed sensors can be any of the following:- LD1400, LD1401 or LD1402.

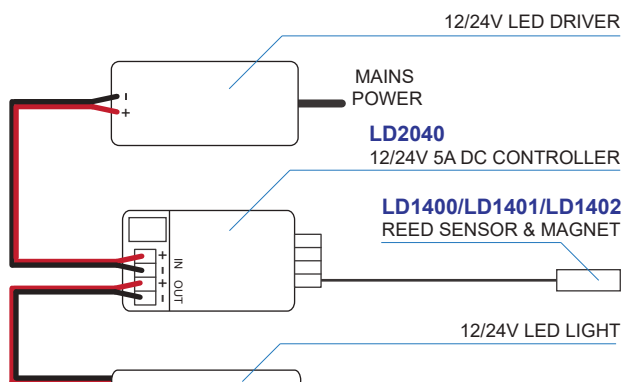
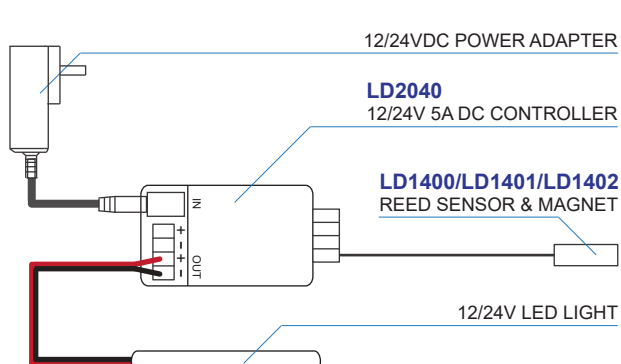
The controller will switch on when any door is opened and will switch off when all doors are closed. The number of doors is unlimited. For ease of use, incoming power can be from either a power adapter or a driver.

Lightdream's DC controller and reed sensors will integrate seamlessly with LED lights and drivers from other suppliers.

DC CONTROLLER	LD2040
Input/Output Voltage	12/24VDC
Max Load @ 12V	60W
Max Load @ 24V	120W
Max Current	5A
Switch Method	solid-state
Reed Sensor Inputs	4
Warranty	5 years

#### BASIC SYSTEM

##### PLUG & PLAY WITH A POWER ADAPTER OR HARDWIRE WITH A LED DRIVER

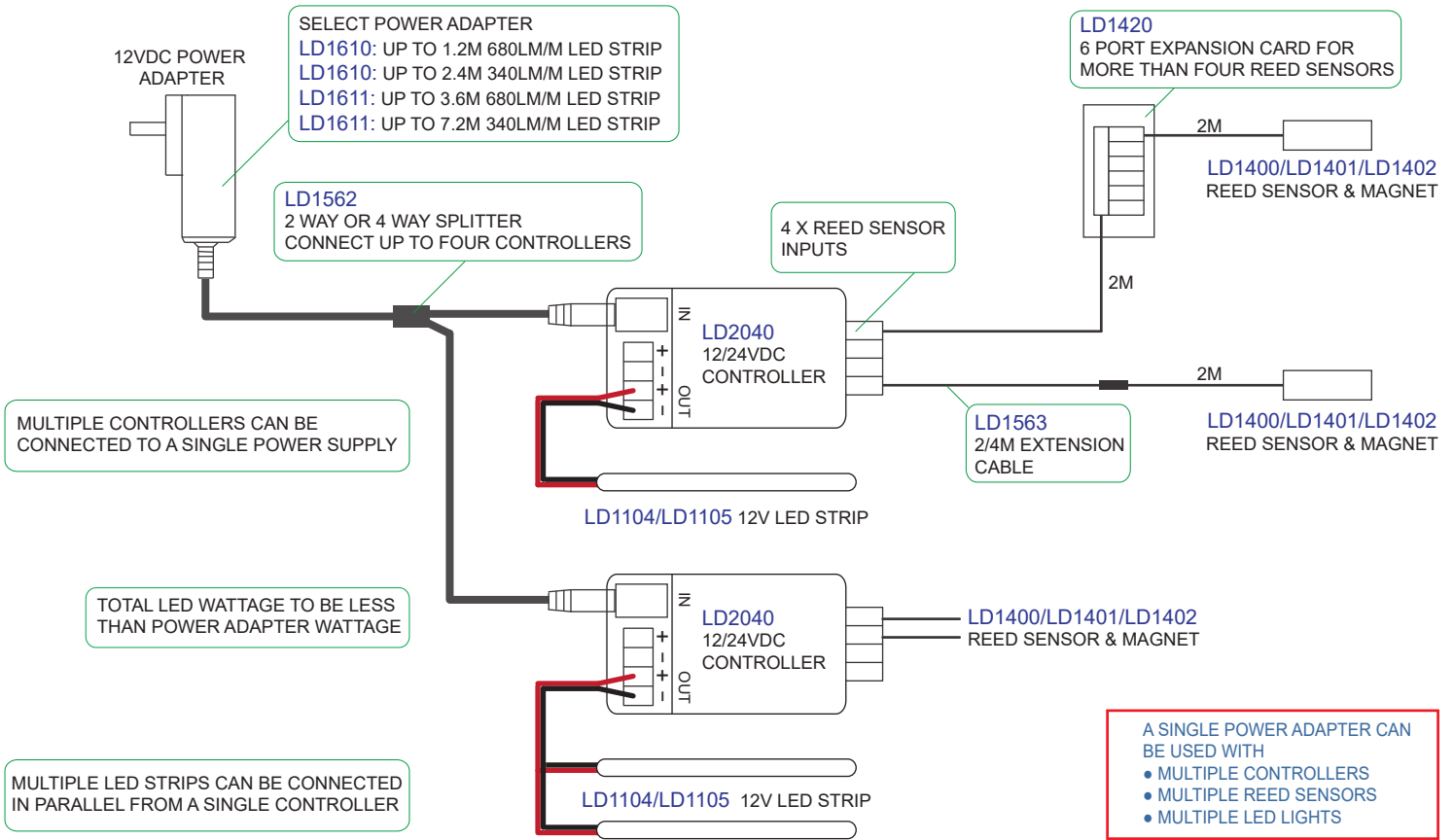


#### SYSTEM PARTS

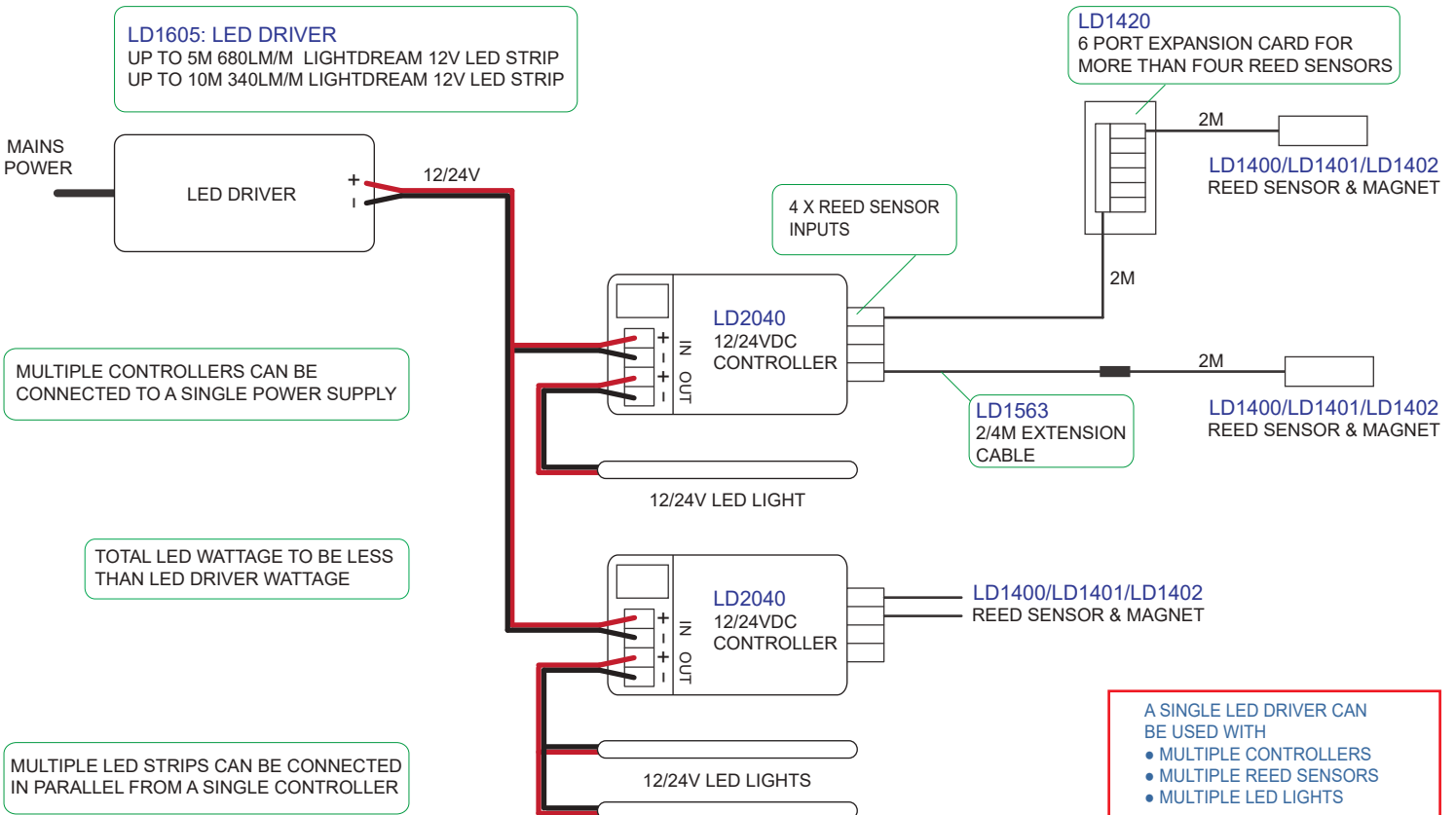
#### EXPANDING THE SYSTEM P2 →

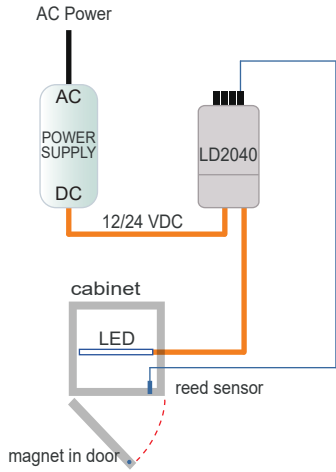
	LD1400	LD1401	LD1402	LD1563	LD2040
CONTROL					
	CONCEALED REED SENSOR & MAGNET	RECESSED REED SENSOR & MAGNET	SURFACE MOUNTED REED SENSOR & MAGNET	24M EXTENSION CABLES	12/24V DC CONTROLLER
POWER					
	12V, 12W POWER ADAPTER	12V, 36W POWER ADAPTER	12/24V, 50W LED DRIVER	LD1420 6 PORT EXPANSION CARD	LED STRIP IP20/IP54
	LD1610	LD1611	LD1605	LD1562 2/4 WAY SPLITTER CABLES	LD1104/LD1105

## POWER ADAPTER - EXPANSION AND CONNECTIONS

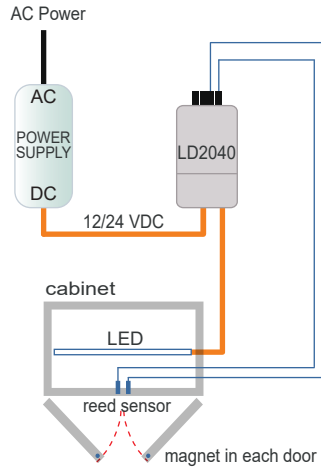


## LED DRIVER - EXPANSION AND CONNECTIONS

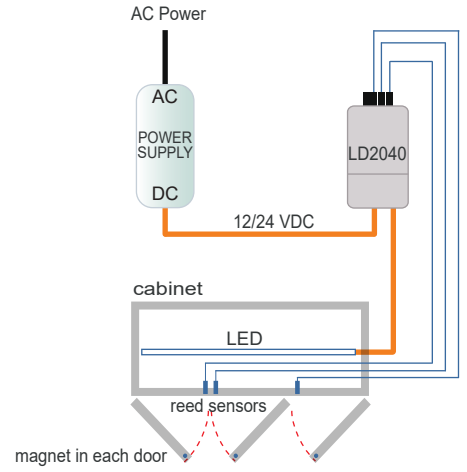




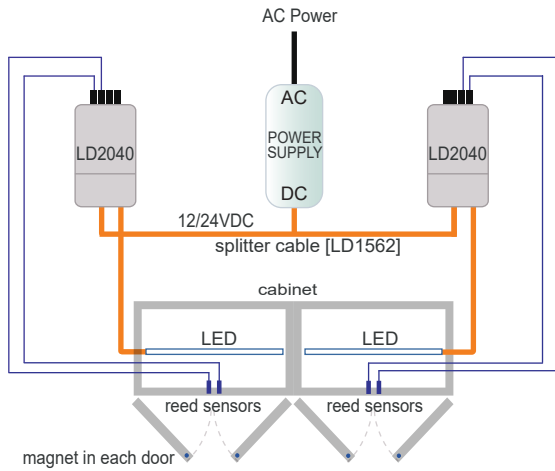
**1** Single door cabinet  
Open door, light on  
Close door, light off



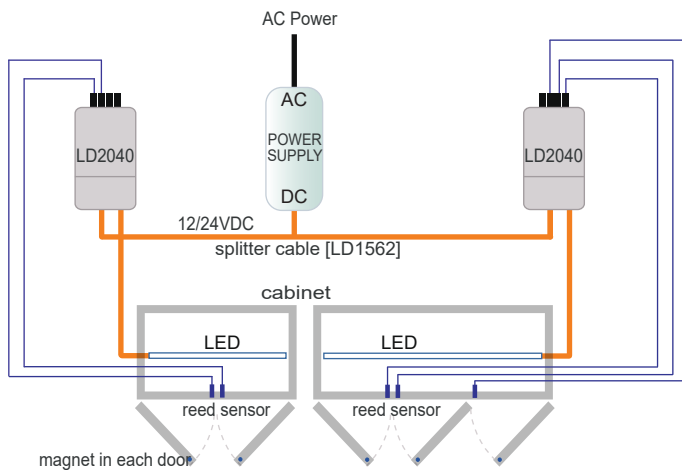
**2** Two door cabinet  
Light comes on when  
either door is opened.  
Close all doors, light off.



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



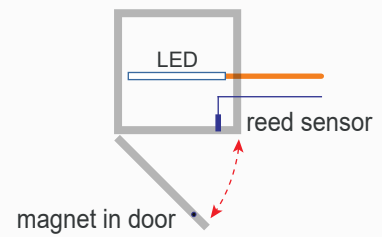
**4** Two cabinets with two doors each.  
Each cabinet is independent.



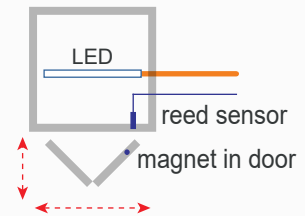
**5** One cabinet with two doors, one cabinet with three doors.  
Both cabinets are independent.

SUITABLE FOR ANY DOOR

HINGED DOOR



BI-FOLD DOOR



SLIDING DOOR

