

# 3 Power repeaters

Do this for each zone

## Which one and how many?

Now you know which products you are going to use and how many of them you will be using in each zone, you can establish which power repeaters you need and work out how many of them you will require.

### PR3011

RGB & RGBW controller for up to 1-8 zones

A 350mA power supply for the RGB & RGBW product range. Simply wire up to 100 PR3011 to a C100924 for a quick and simple colour change installation, giving you the ability to have as many as 600 luminaires per zone.



## Calculate how many PR3011's you need for the products you have

Product code	Product family	Max. per PR3011
DL329RGBW	Downlight	6
GL007RGBW	Ground Light	2
GL008RGBW	Ground Light	1
GL016RGBW	Ground Light	6
GL040CARGB	Ground Light	6
GL050RGBW	Ground Light	6
GL090RGBW	Ground Light	2
LL030CARGB	Downlight	6
LL090RGBW	Downlight	2
UL010RGBW	Pond Light	6
UL030RGBW	Pond Light	2
UL345CARGB	Façade Light	1
UL346CARGB	Façade Light	1
UL347CARGB	Façade Light	1
WL070RGBW	Wall Light	1
WL075CARGB	Wall Light	2

### For example:

If you had selected these products for your zone.



Using the table to the left we can see that you would need to spread them over the following power repeaters



This means you would need to order the following...



! Don't forget you'll need 300mm of CF505RGBW cable for every power repeater you use.

## Don't forget your 24V driver to power your power repeater

Number of power repeaters	Wattage driver needed	Product (driver)
1	50W	PS5024
2-3	100W	PS10024
4-5	150W	PSIP15024

The products will be powered by power repeaters that require a 24V driver. The table shows you which driver you need for the number of power repeaters you are using. **If you require more than 5 power repeaters you will need another driver.**

In the example we calculated that we need 3 x PR3011. Using the table to the left we can see that we need a 100W driver. This means that you will need to order the following...

