

## 24

## LED Control &amp; Dimming

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RGB Controllers | Remote Controllers | Sensors







## Microwave Motion Sensor



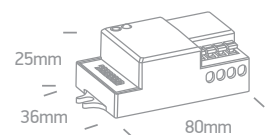
22000 | 300W | Microwave motion sensor

Can be installed inside fittings.



IP20

- Can be installed inside fittings
- Adjustable sensitivity 20%-100%
- ON TIME 5s-30mins
- Daylight sensor 2-50lux



## Day/Night Photocell Sensor



22020 | 1000W | Photocell Day/Night Sensor | Plastic

Ambient Light:<5-15lux.

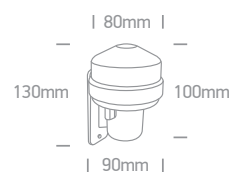


new

IP44



Automatic day/night operation.



Order Code	Colour	Input	Power	Output	Class		Notes
22000	-	230V	300W	230V		100	-
22020	Black	100-240V	1000W	100-240V		50	-



22010



22008

# Infrared Motion Sensors

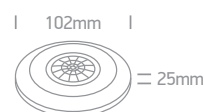


IP20

**22004** | 300W (LED) / 800W (Incandescent) | Surface infrared motion sensor



Detection Range: 360°  
Detection Distance: Max. 6m (<24°C)  
Time Delay: 10sec ± 3sec to 15min ± 2 min (adjustable)  
Ambient Light: <3-2000lux (adjustable)  
Installation height: 2,2-4m

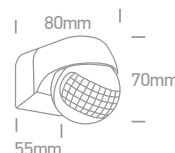


IP44

**22006** | 400W (LED) / 800W (Incandescent) | Infrared motion sensor



Detection Angle: 180°  
Detection Distance: Max. 12m (<24°C)  
Time Delay: 10sec ± 3sec to 15min ± 2 min (adjustable)  
Ambient Light: <3-2000lux (adjustable)  
Installation height: 1,8-2,5m

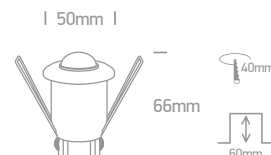


IP20

**22008** | 200W (LED) / 800W (Incandescent) | Recessed infrared motion sensor



Detection Angle: 360°  
Detection Distance: Max. 6m (<24°C)  
Time Delay: 10sec ± 3sec to 15min ± 2 min (adjustable)  
Ambient Light: <3-2000lux (adjustable)  
Installation height: 2,2-4m



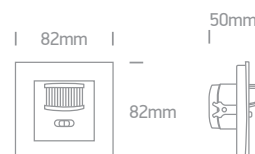
IP20

**22010** | 200W (LED) / 500W (Incandescent) | Infrared switch motion sensor

Compatible with BS/EU Box.



Detection Angle: 160°  
Detection Distance: Max. 9m (<24°C)  
Time Delay: 10sec ± 3sec to 7min ± 2 min (adjustable)  
Ambient Light: <3 ± 2000lux (adjustable)  
Installation height: 1-1,8m



Order Code	Colour	Power	Input	Class		Notes
22004	White	300W (LED) / 800W (Incandescent)	230V		50	-
22006	White	400W (LED) / 800W (Incandescent)	230V		50	-
22008	White	200W (LED) / 800W (Incandescent)	230V		100	-
22010	White	200W (LED) / 500W (Incandescent)	230V		100	-





## RGB Controllers

**89024D** | 24V DC | RGB+W controller | 31W/channel | 24V output



2  
YEAR

IP20

RGB+W controller with 8 programs.  
Maximum total output 124W (31Wx4).  
Colour and timing can be changed by  
remote bell push.



**89024E** | 100-240V | 0/1-10V output | RGB+W controller




2  
YEAR

IP20

RGB+W controller with 8 programs.  
0/1-10V output for connecting devices  
controlled by 0/1-10V input.  
Colour and timing can be changed by  
remote bell push.



Order Code	Input	Power	Output	Class	Dimmable		Notes
89024D	24V DC	4x31W	24V DC		YES	96	-
89024E	100-240V	-	0/1-10V		YES	96	-

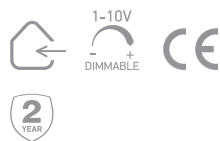




## 12-24V 1-10V Controller



**89010D** | Dimmer controller for 12-24V | 180W@12V / 360W@24V | 1-10V | 1 channel



IP20



## 12-24V DALI, Push to DIM Controller



**89100L** | DALI & Push to DIM Dimmer 12-24V | 75W@12V / 150W@24V | PWM dimming only

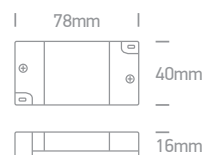


IP20

DALI to PWM  
• Built-in push dimming  
• Dimming range 0,1-100%

PUSH TO DIM  
• No status changing < 0,05sec  
• Push ON/OFF 0,1-1sec  
• Dimming up or down 1,5-10sec  
• Set 100% brightness > 11sec

DALI  
• DALI agreement includes 16 groups & 64 addresses  
• DALI agreement can be divided into 16 scenarios



Order Code	Input	Power	Output	Class	Dimmable		Notes
<b>89010D</b>	12-24V DC	180W@12V / 360W@24V	12-24V	III	YES	64	Use 1-10V dimmer
<b>89100L</b>	12-24V DC	75W@12V / 150W@24V	12-24V	I	YES	200	DALI & Push to DIM



## 12-24V Signal Repeaters

**89100** | Data repeater 12-24V | 120W@12V / 240W@24V | 1 channel x 10A | PWM dimming only



Repeats the signal when dimming constant voltage fittings e.g. LED strips.



IP20

## 12-36V RGB+W Repeater

**89302** | 12-36V DC | Constant voltage RGB+W data repeater | 4 channels x 5A | PWM dimming only



Repeats the signal when dimming constant voltage fittings e.g. LED strips.



IP20

## 350mA Signal Repeater





**89302A** | 12-36V DC | 350mA RGB+W constant current data repeater | 4 channels x 4,2-12,6W | PWM dimming only



Repeats the signal when dimming constant current 350mA fittings e.g. LED spots.



IP20

Order Code	Input	Power	Output	Class	Dimmable		Notes
<b>89100</b>	12-24V DC	120W@12V / 240W@24V	12-24V		YES	50	-
<b>89302</b>	12-36V DC	60W@12V / 120W@24V	12-36V		YES	100	-
<b>89302A</b>	12-36V DC	4x4,2-12,6W	350mA		YES	100	-



20030



20032



20034



20036

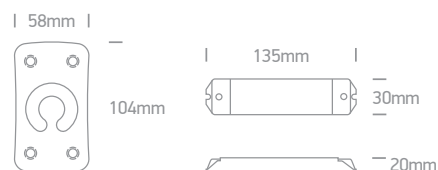
# Remote Controllers



IP20

**20030** | 12-24V DC | Constant voltage wireless dimmer | 3 channels x 3A

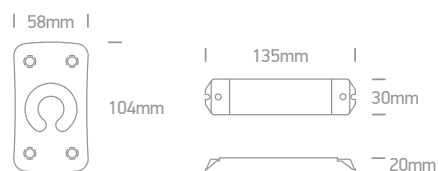

Remote controller for dimming any constant voltage 12-24V LED fitting including LED strips, LED lamps, LED modules. 50 meters range, 2 memory settings, dimming by touch.



IP20

**20032** | 12-24V DC | Variable colour temperature controller & dimmer | 2 channels x 3A

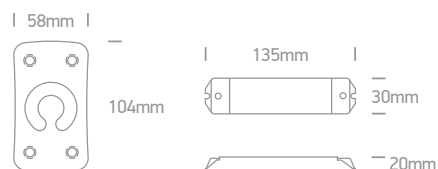

Remote controller for changing colour temperature from daylight to extra warm white. Suitable for use with LED strips 7835/DEW. 50 meters range, includes dimmer control and programme mode.



IP20

**20034** | 12-24V DC | RGB wireless controller & dimmer | 3 channels x 3A


Remote controller for changing colours (RGB). Suitable for use with LED strips 7830/RGB. 50 meters range, includes dimmer control and programme modes.

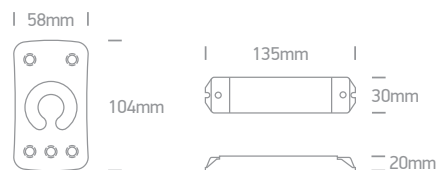


new

IP20

**20036** | 12-24V DC | RGB+W wireless controller & dimmer | 4 channels x 3A


Remote controller for changing colours (RGB+W). Suitable for use with LED strips 7830/RGBW. 50 meters range, includes dimmer control and programme modes.



Order Code	Colour	Input	Power	Output	Class	Dimmable		Notes
20030	White	12-24V DC	36W/ch@12V 72W/ch@24V	12-24V DC	III	YES	50	-
20032	White	12-24V DC	36W/ch@12V 72W/ch@24V	12-24V DC	III	YES	50	-
20034	White	12-24V DC	36W/ch@12V 72W/ch@24V	12-24V DC	III	YES	50	-
20036	White	12-24V DC	36W/ch@12V 72W/ch@24V	12-24V DC	III	YES	50	-