

Digital RGBD IP20 Kit (F10-RGBD-12-48-20-KIT)



- Dynamic colour chasing modes
- Cascading connectors
- High quality UV stable polyurethane coating enables non discolouration and is scratch resistant for longer life
- High grade thick 3M adhesive backing for easy installation
- 50,000 hours working life
- Multiple applications for commercial and residential environments
- Precise LED binning section enables 100% consistent colour temperature from batch to batch

48
LEDs/m



20



Specification

Part Code	F10-RGBD-12-48
Voltage	12VDC
Power Consumption	11.2W
LED Qty	48 per mtr
Addressing Range	3 LEDs Addressable
Maximum Cascading Length	50M
Colour	RGB
IP	IP20
IP Finish	Glue filled silicon tube
Back Adhesive	VHB 3M adhesive tape
Working Temperature	-30°C ~ +70°C
Dimensions	5000 x 15.4 x 6.3mm

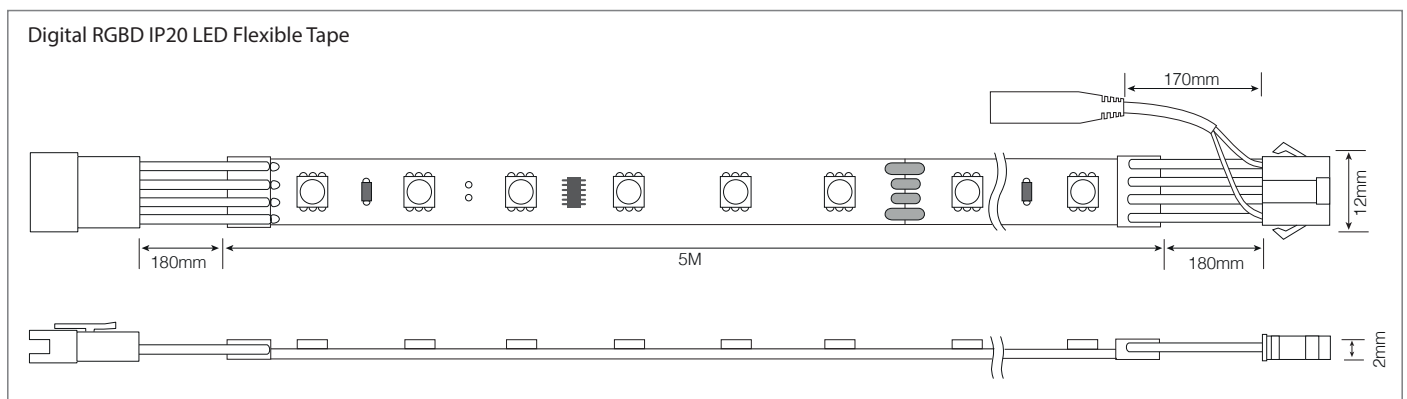
FUNCTIONS

Dynamic Mode	99
Dynamic Speed Levels	10
Static Colour	29 Colours
Static Colour Brightness	10 Levels

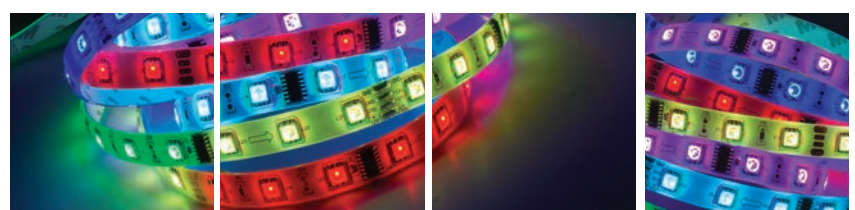
POWER & LED CONNECTORS

Power Connector	5.5mm DC female jack 10
Strip Connector	4-Pin SM type connector on both ends

Mechanical Diagrams

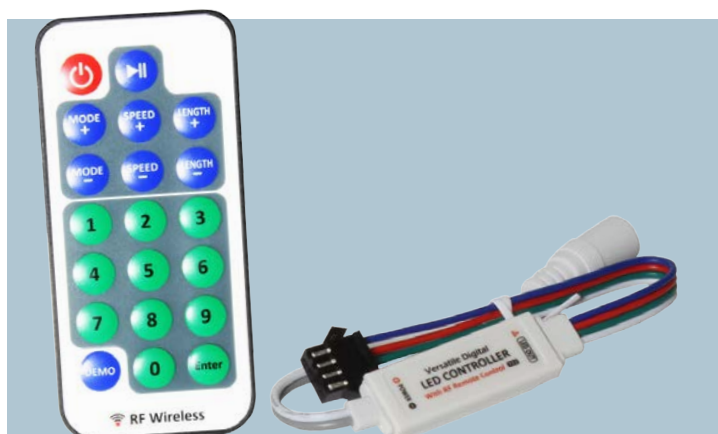


This digital LED Strip can be made to any length up to 5 meters as a special order.



Digital RGBD IP20 Kit - RGBD-99C

Professional RF Wireless RGB Digital Controller



- Remote digital LED controller
- 99 dynamic modes
- 29 static colour options
- Ultra slim design
- Demo mode
- Speed adjustment
- Static colour adjustment
- Easy pairing
- Easy RGB programming
- 15 metre transmission distance



Specification

Model Number	RGBD-99C
Voltage	5 ~ 24VDC
Rated Output Current	4A + 3x2.5A
Remote Type	RF wireless card remote controller
Operation Frequency	433.92Mhz
Remote Control Battery	CR2025 3V Cell Battery
Transmission Power	<10dBm
Transmission Distance	>15 meters
IP	IP63
Working Temperature	-30 ~ 80°C
Weight	16g
Dimensions	85x 40 x 7mm

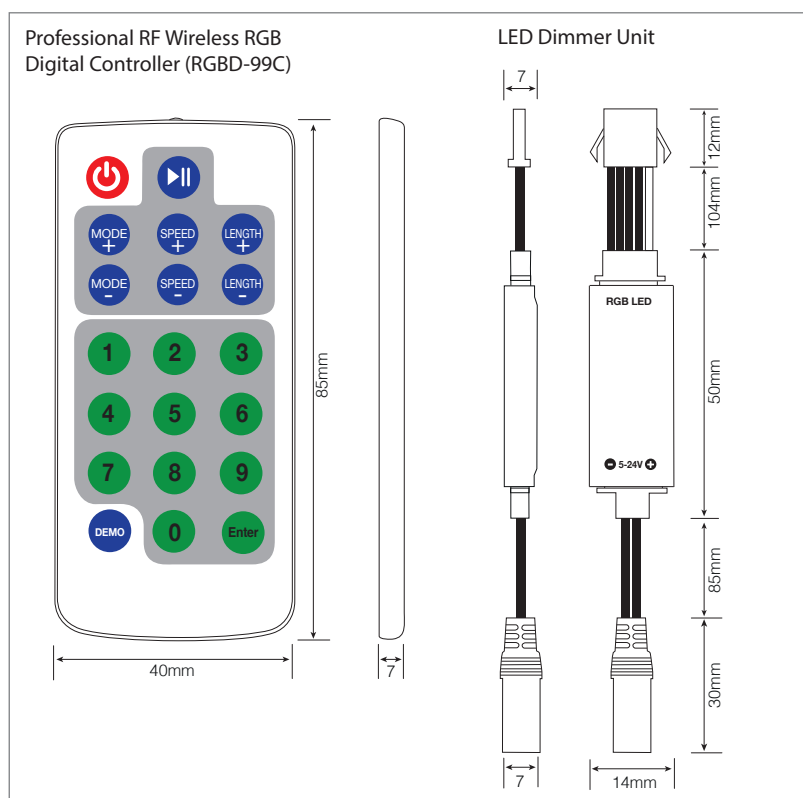
FUNCTIONS

Dynamic Mode	99
Dynamic Speed Levels	10
Static Colour	29 Colours

LED DIMMER UNIT

Power Connector	AWG16 Red / Black Cable
LED Connector	AWG18 Flat Cable
Weight	11g
Dimensions	50 x 14 x 7mm
Cable Length	85/104mm

Mechanical Diagrams



Digital RGBD IP20 Kit - PCV50W Series

50W Constant Voltage Power Supplies



- Captive terminal screws for ease
- Screw lock cable strain relief
- Over load, short circuit and thermal protection
- SELV equivalent
- Class II product
- Safe no load operation
- Suitable for indoor lighting applications

Case: 8043DH ~ 184 x 61 x 32 mm

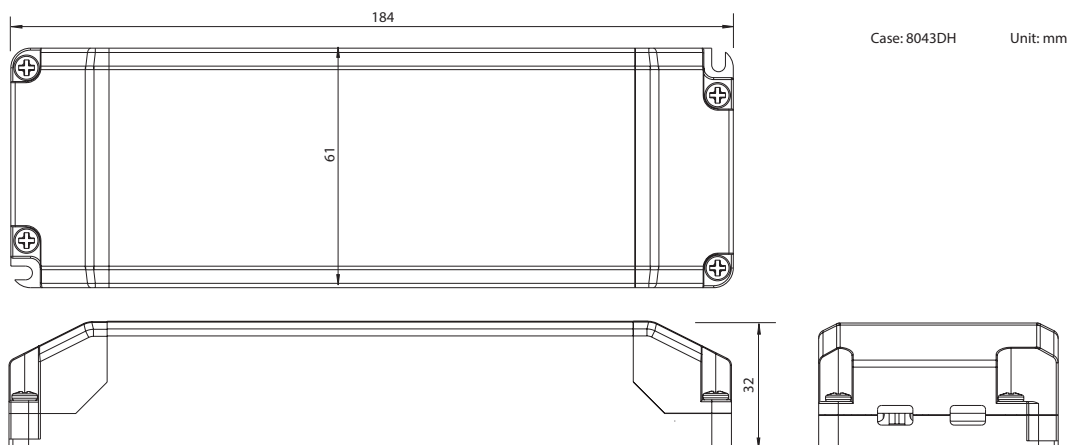


Specification

INPUT	Inrush	<15A/230V<6.5A/115V
	Voltage	100V ~ 240VAC
	Frequency	47 ~ 63 Hz
	Power Factor	0.95
OUTPUT	MODEL No.	PCV1250
	Voltage	12V
	Current	4.2A
	Power	50W
	R&N	300mV
	Efficiency (TYP.)	82%
PROTECTIONS	Over Voltage	Auto recovery
	Over Temperature	Thermal
ELEC. CHAR	Set Up Time	2s max
ENVIRONMENT	Temperature	Operating: -20~+50°C; Storage: -20~+70°C
SAFETY	Safety Standard	Designed to meet EN61347-1, EN61347-2-13
EMC	EMI Standard	Meets Emissions to EN55015, EN61547, EN61000-3-2, EN61000-3-3
OTHERS	Lifetime	50K hrs full load 25°C
	Case	8043DH

Mechanical Diagrams

Dimensions Case 8043DH



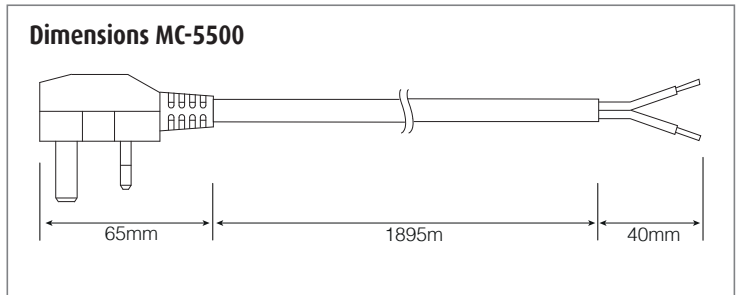
Digital RGBD IP20 Kit - Cables



MC-5500



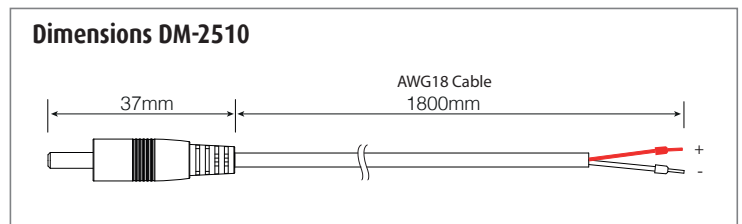
Mechanical Diagram



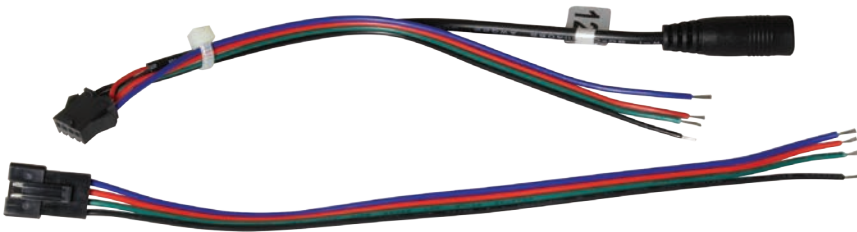
DM-2510



Mechanical Diagram



RGBD-POW-CAB



Each 5M LED tape comes with power connection cables.

Where the LED is cut to smaller lengths additional cables can be ordered.

Mechanical Diagram

