

Digital RGBD IP20 Kit

(F10-RGBD-12-48-20-KIT)



Key Features:

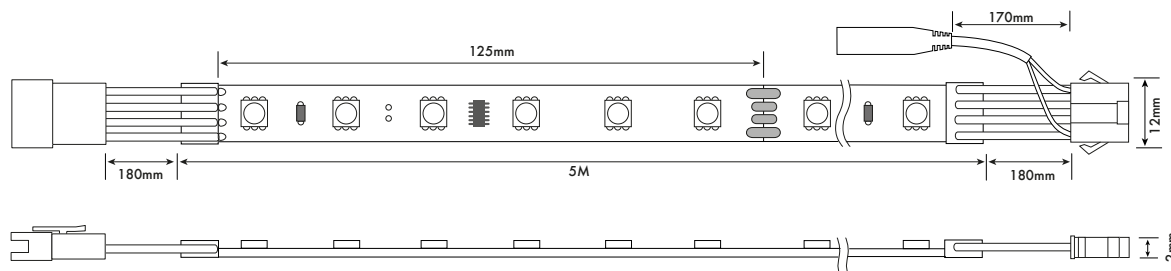
- Dynamic colour chasing modes
- Cascading connectors
- High quality UV stable polyurethane coating enables non discolouration and is scratch resistant for longer life
- High grade thick 3M adhesive backing for easy installation
- 50,000 hours working life
- Multiple applications for commercial and residential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

DIGITAL RGBD IP20 KIT SPECIFICATION

Part Code	F10-RGBD-12-48	FUNCTIONS	
Voltage	12VDC	Dynamic Mode	99
Power Consumption	10W	Dynamic Speed Levels	10
LED Qty	48 per mtr	Static Colour	29 Colours
Addressing Range	3 LEDs Addressable	Static Colour Brightness	10 Levels
Maximum Cascading Length	50M		
Cutable Length	125mm		
Colour	RGB		
IP	IP20		
Back Adhesive	VHB 3M adhesive tape	POWER & LED CONNECTORS	
Working Temperature	-30°C ~ +70°C	Power Connector	5.5mm DC female jack plug
Dimensions	5000 x 15.4 x 6.3mm	Strip Connector	4-Pin SM type connector on both ends

Mechanical Diagrams

Digital RGBD IP20 LED Flexible Tape



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

PowerLed
Orion House
Calleva Park
Aldermaston
Berkshire
RG7 8SN

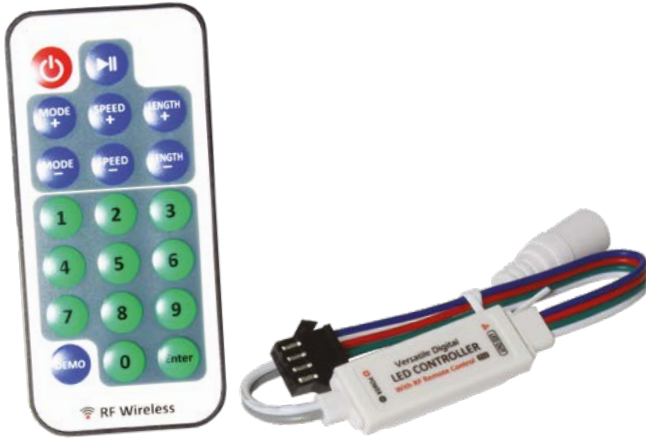
Contact:
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Digital RGBD IP20 Kit - RGBD-99C



Professional RF Wireless RGB Digital Controller



Key Features:

- 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

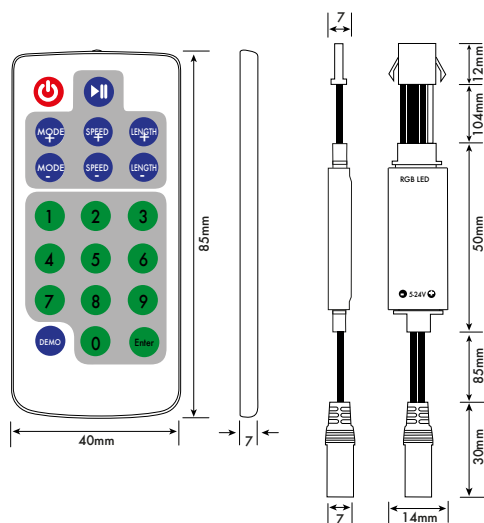
DIGITAL RGBD IP20 KIT SPECIFICATION

Part Code	RGBD-99C	FUNCTIONS	
Voltage	5 ~ 24VDC	Dynamic Mode	99
Rated Output Current	4A + 3x2.5A	Dynamic Speed Levels	10
Remote Type	RF wireless card remote controller	Static Colour	29 Colours
Operation Frequency	433.92Mhz	LED DIMMER UNIT	
Remote Control Battery	CR2025 3V Cell Battery	Power Connector	AWG16 Red / Black Cable
Transmission Power	<10dBm	LED Connector	AWG18 Flat Cable
Transmission Distance	>15 meters	Weight	11g
IP	IP63	Dimensions	50 x 14 x 7mm
Working Temperature	-30 ~ 80°C	Cable Length	85/104mm
Weight	16g		
Dimensions	85x 40 x 7mm		

Mechanical Diagrams

Professional RF Wireless RGB Digital Controller (RGBD-99C)

LED Dimmer Unit



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Digital RGBD IP20 Kit - PCV50W Series



50W Constant Voltage Power Supplies



Case: 8043DH ~ 184 x 61 x 32 mm

Key Features:

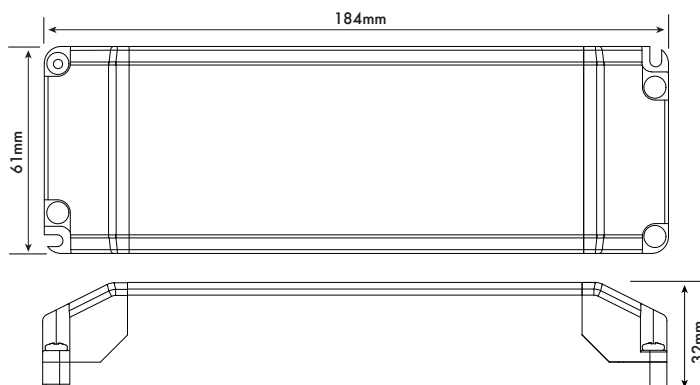
- Captive terminal screws for ease
- Screw lock cable strain relief
- Over load, short circuit and thermal protection
- SELV equivalent
- Class II product
- Suitable for indoor lighting applications

PCV50W SERIES SPECIFICATION

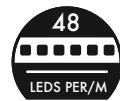
Part Code	PCV1250
Inrush	<15A/230V<6.5A/115V
Voltage	100V ~ 240VAC
Frequency	47 ~ 63 Hz
Power Factor	0.95
Voltage	12V
Current	4.2A
Power	50W
R&N	300mV
Efficiency (TYP.)	82%
Over Voltage	Auto recovery
Over Temperature	Thermal
Set Up Time	2s max
Temperature	Operating: -20 ~ +50 °C; Storage: -20 ~ +70 °C
Safety Standard	Designed to meet EN61347-1, EN61347-2-13
EMI Standard	Meets Emissions to EN55015, EN61547, EN61000-3-2, EN61000-3-3
Lifetime	50K hrs full load 25 °C



Mechanical Diagrams



Digital RGBD IP20 Kit - Cables

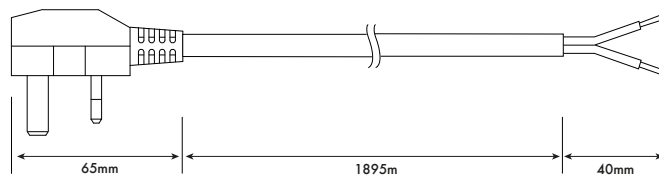


MC-5400



Mechanical Diagrams

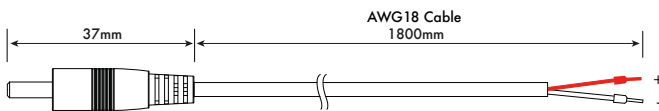
Dimensions MC-5400



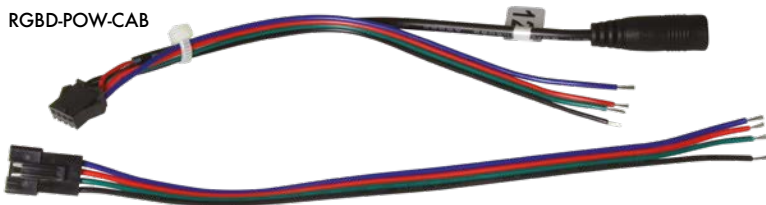
DM-2118



Dimensions DM-2118



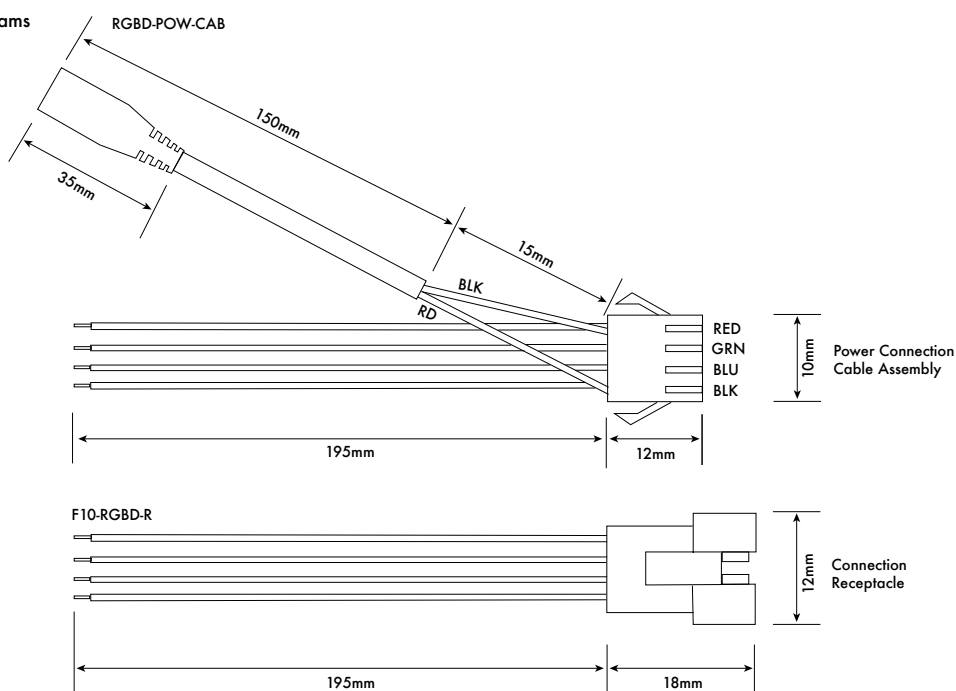
RGBD-POW-CAB



Each 5M LED tape comes with power connection cables.

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

Mechanical Diagrams



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