

PRODUCT
CATALOG
2024

VEROBOARD®

CANADIAN-BASED LIGHTING MANUFACTURER

LED LIGHTS CONTROLLERS

Controllers

Remote Controllers

LED Light Receiver

Door Sensors

Motion Sensors



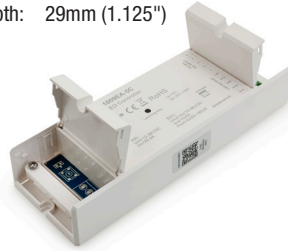
Controllers serve as the brain of the lighting setup, enabling users to adjust color, brightness, and various dynamic effects with ease. Equipped with advanced technology, LED controllers can support a wide range of LED types, from simple single-color lights to complex RGB and RGBW setups.

CV LED Light Receiver

Model No.:	SR-1009EA-5C (R-25.5A)
Input Voltage:	12-36V DC
Output Wattage:	300-900W
Output Current:	5 x 5A (5CH x 5A/CH)
Case Temp. (Tc):	75°C
Ambient Temp. (Ta):	20° C~+50° C
Compatible Remote Controllers:	SR-2819S-DIM (R1) SR-2819S-CCT (R2) SR-2819S RGBW (R3) SR-2858Z4-5C RGBW+CCT (R4)



Dimensions
Length: 170mm (6.7")
Width: 59mm (2.3")
Depth: 29mm (1.125")



SKU: 666561430818

CV LED Light Receiver 5 channel RF + Tuya App.

Model No.:	SR-1009EATYWI-5C (R-8A)
Input Voltage:	12-24V DC 36V DC 48V DC
Output Wattage:	96-192W/ch @12-24V DC 216W/ch @36V DC 192W/ch @48V DC
Output Wattage:	8A x 5ch @12-24V DC 6A x 5ch @36V DC 4A x 5ch @48V DC
Case Temp. (Tc):	75°C
Ambient Temp. (Ta):	20° C~+50° C
Compatible Remote Controllers:	SR-2819S-DIM (R1) SR-2819S-CCT (R2) SR-2819S RGBW (R3) SR-2858Z4-5C RGBW+CCT (R4)



Dimensions
Length: 170mm (6.7")
Width: 59mm (2.3")
Depth: 29mm (1.125")

App Controller
(Android, iOS)



SKU: 666561430795

Single Color Remote Controller

Model No.:	SR-2819S-DIM (R1)
Input Voltage:	4.5V (3xAAA battery)
Output:	RF Signal
Frequency:	434MHz 869.5MHz 916.5MHz
Control Zone:	4 Zone
Color Controller:	Dimmer
Operating Temp.:	0-40° C
Relative Humidity:	8% to 80%
IP Rating:	IP20 (for indoor use only)
Compatible Receivers:	SR-1009FA3 (R-1.6A) SR-1009FA7 (R-3A) SR-1009EA-5C (R-25.5A) SR-1009TYWI-5C (R-4A) SR-1009EATYWI-5C (R-8A) SR-1009CS (R1)

Dimensions
Length: 120mm (4.7")
Width: 55mm (2.1")
Depth: 17mm (0.66")



SKU: 666561430856

CCT Remote Controller

Model No.:	SR-2819S-CCT (R2)
Input Voltage:	4.5V (3xAAA battery)
Output:	RF Signal
Frequency:	434MHz 869.5MHz 916.5MHz
Control Zone:	4 Zone
Color Controller:	CCT
Operating Temp.:	0-40° C
Relative Humidity:	8% to 80%
IP Rating:	IP20 (for indoor use only)
Compatible Receivers:	SR-1009FA3 (R-1.6A) SR-1009FA7 (R-3A) SR-1009EA-5C (R-25.5A) SR-1009TYWI-5C (R-4A) SR-1009EATYWI-5C (R-8A)

Dimensions
Length: 120mm (4.7")
Width: 55mm (2.1")
Depth: 17mm (0.66")



SKU: 666561430849

VEROBOARD CONTROLLERS

CC LED Light Receiver

Model No.:	SR-1009FA3 (R-1.6A)
Input Voltage:	12-36V DC
Output Wattage:	16.8W @12V DC
	33.6W @24V DC
	50.4W @36V DC
Output Current:	4 x 350mA (4CH x 350mA/CH)
Case Temp. (Tc):	75°C
Ambient Temp. (Ta):	20° C~+50° C
Compatible Remote Controllers:	SR-2819S-DIM (R1) SR-2819S-CCT (R2) SR-2819S RGBW (R3)



Dimensions
Length: 164mm (6.45")
Width: 47mm (1.83")
Depth: 23mm (0.88")



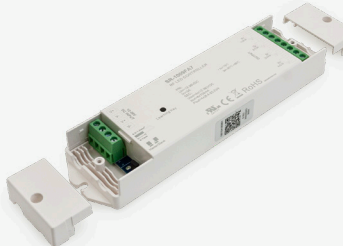
SKU: 666561430825

CC LED Light Receiver

Model No.:	SR-1009FA7 (R-3A)
Input Voltage:	12-36V DC
Output Wattage:	33.6W @12V DC
	67.2W @24V DC
	100.8W @36V DC
Output Current:	4 x 700mA (4CH x 700mA/CH)
Case Temp. (Tc):	75°C
Ambient Temp. (Ta):	20° C~+50° C
Compatible Remote Controllers:	SR-2819S-DIM (R1) SR-2819S-CCT (R2) SR-2819S RGBW (R3)



Dimensions
Length: 164mm (6.45")
Width: 47mm (1.83")
Depth: 23mm (0.88")



SKU: 666561430832

RGBW Remote Controller

Model No.:	SR-2819S (R3)
Input Voltage:	4.5V (3xAAA battery)
Output:	RF Signal
Frequency:	434MHz
	869.5MHz
	916.5MHz
Control Zone:	4 Zone
Color Controller:	RGBW
Operating Temp.:	0-40° C
Relative Humidity:	8% to 80%
IP Rating:	IP20 (for indoor use only)
Compatible Receivers:	SR-1009FA3 (R-1.6A) SR-1009FA7 (R-3A) SR-1009EA-5C (R-25.5A) SR-1009TYWI-5C (R-4A) SR-1009EATYWI-5C (R-8A)



Dimensions
Length: 120mm (4.7")
Width: 55mm (2.1")
Depth: 17mm (0.66")



SKU: 666561430863

RGB+CCT Remote Controller

Model No.:	SR-2858Z4-5C (R4)
Input Voltage:	4.5V (3xAAA battery)
Output:	RF Signal
Frequency:	434MHz
	869.5MHz
	916.5MHz
Control Zone:	4 Zone
Color Controller:	RGB+CCT
Operating Temp.:	0-40° C
Relative Humidity:	8% to 80%
IP Rating:	IP20 (for indoor use only)
Compatible Receivers:	SR-1009EA-5C (R-25.5A) SR-1009TYWI-5C (R-4A) SR-1009EATYWI-5C (R-8A)



Dimensions
Length: 152mm (6")
Width: 52mm (2")
Depth: 20mm (0.7")



SKU: 666561430870

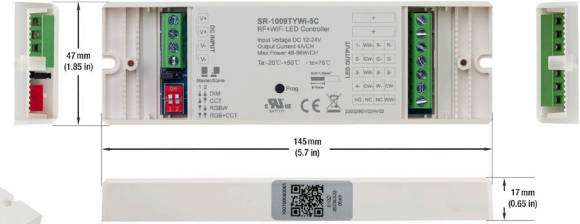
VEROBOARD CONTROLLERS

CV LED Light Receiver

Model No.:	SR-1009TYWi-5C (R-4A)
Input Voltage:	12-24V DC
Output Wattage:	300-900W
Output Current:	5 x 4A (5CH x 4A/CH)
Case Temp. (Tc):	75°C
Ambient Temp. (Ta):	20° C~+50° C
Compatible Remote Controllers:	SR-2819S-DIM (R1) SR-2819S-CCT (R2) SR-2819S RGBW (R3) SR-2858Z4-5C RGBW+CCT (R4)



Dimensions
Length: 145mm (5.7")
Width: 47mm (1.85")
Depth: 17mm (0.65")



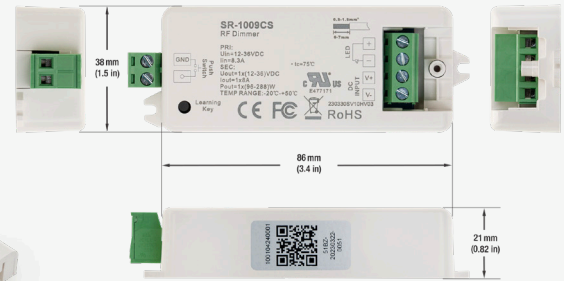
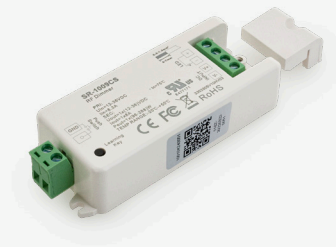
SKU: 666561430788

CV Single Color LED Light Receiver

Model No.:	SR-1009CS (R1)
Input Voltage:	12-36V DC
Output Wattage:	96-288W
Output Current:	1 x 8A (1CH, 8A/CH)
Case Temp. (Tc):	75°C
Ambient Temp. (Ta):	20° C~+50° C
Compatible Remote Controller:	SR-2819S-DIM (R1)



Dimensions
Length: 86mm (3.4")
Width: 38mm (1.5")
Depth: 21mm (0.82")



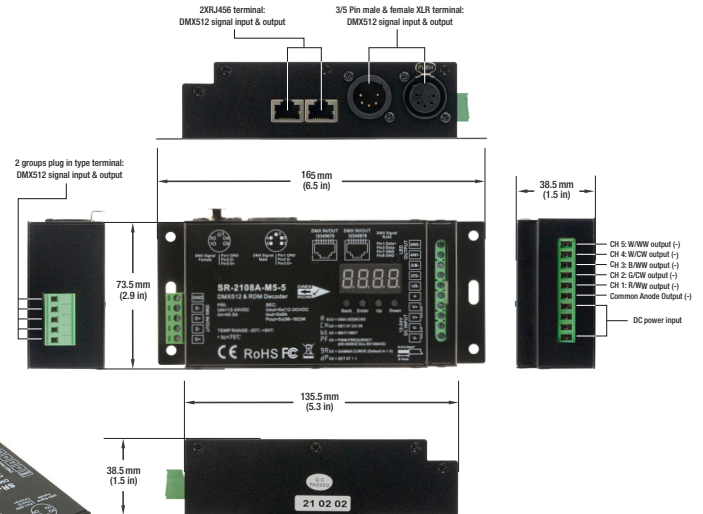
SKU: 666561430801

DMX512 and RDM Decoder

Model No.:	VSR-2108A-M5-5
Output Type:	Constant Voltage
Operating Voltage:	12-24V DC
Input Current:	40.5A
Output Current:	40A max (8A/CH)
PWM Frequency:	500Hz to 30K Hz
Power:	5 x 192W for 24V 5 x 96W for 12V
Control Channels:	5 Channels (5 CH)
Signal Input & Output:	DMX512
Terminals:	3/5 pin XLR, RJ45, Screw Terminal
Bit Rate:	8 bit/ 16 bit
Working Temp.:	-20°C~+50°C
IP Rating:	IP20 (for indoor use only)
Protection:	Short circuit protection



Dimensions
Length: 165mm (6.5")
Width: 73mm (2.9")
Depth: 38mm (1.5")



SKU: 666561412623

VEROBOARD CONTROLLERS

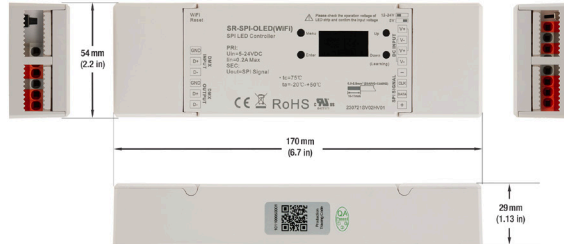
SR-SPI-OLED(WiFi) DMX LED Light Receiver

Model No.:	SR-SPI-OLED(WiFi)
Input Voltage:	DC5V / DC12-24V
Input Current:	0.2A Max
Input Signal:	RF/WiFi + DMX512
Output Signal:	SPI
Radio Frequency:	869.5 / 916.5 / 434MHz
DMX Decoding Channels:	512 Channels
Driving Pixels:	Max. 1020
Package Content:	SR-SPI-OLED(WiFi)



Dimensions
 Length: 170mm (6.6")
 Width: 53.4mm (2.1")
 Depth: 28mm (1.1")

Compatible
 Remote Controller
SR-2858Z4 (DMX)
 (Sold Separately)
SKU: 666561433338



SKU: 666561432362

PIR Motion Sensor

Model No.:	VBD-PIR-8
Operating Voltage:	12-24V DC
Power Supply Voltage:	12-24V
Load Current:	6A
No of Channels:	1 Channel (Single color)
Maximum Wattage:	72W @12V / 144W @24V
Delay Time:	1-10 min (Adjustable)
Sensor Type:	Infrared (PIR)
Working Temperature:	-20~60°C
Connection Type:	Screw Terminals
Induction Distance Range:	8m
Detection Angle:	60°



Dimensions
 Length: 76.13mm (2.3")
 Width: 35.17mm (1.38")
 Depth: 33mm (1.3")

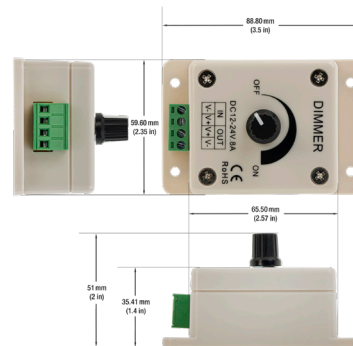


SKU: 666561406325

Single Color Dial Dimmer

Model No.:	VBD-DIAL-DM-8A
Operating Voltage:	12-24V DC
Operation Current:	8A Max
Output Power:	96W @ 12V 192W @ 24V DC
Output Channel:	1 Channel (Single Color)
Dimmer Type:	Rotary Knob Control
Connection Type:	Screw Terminals
Dimming Range:	0-100%
IP Rating:	IP20 (Indoor Rated)

Dimensions
 Length: 89mm (3.5")
 Width: 60mm (2.35")
 Depth: 35mm (1.4")

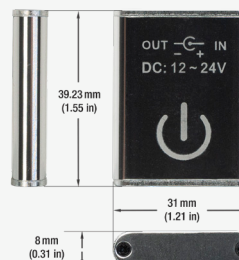


SKU: 666561400675

Touch Dimmer Sensor Switch

Model No.:	VBD-TOUCH-DM-3A
Operating Voltage:	12-24V DC
Output Current:	3A Max
Output Power:	36W @12V 72W @24V
Usage:	Single Color
No of Channels:	1 Channel (Single Color)
Connection Type:	Male and Female DC Connection

Dimensions
 Length: 39.23mm (1.55")
 Width: 31mm (1.21")
 Depth: 8mm (0.31")



SKU: 666561406462

PIR Motion Sensor Light Switch

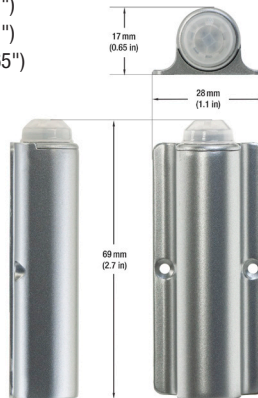
Model No.:	VBD-PIR-2
Operating Voltage:	12-24V DC
Power Supply Voltage:	12-24V
Load Current:	2A
Maximum Wattage:	24W @12V / 48W @24V
Delay Time:	45s
Sensor Type:	Infrared (PIR)
Working Temperature:	-20~45°C
Connection Type:	Dupont Connectors
Wire Length:	1 Meter (39")
Induction Distance Range:	<1.5 Meter
Insulation Class:	Class 3
Detection Angle:	110°

Package Content:

PIR Sensor with 2 x AWG22 wire with dupont end terminals, and 2 x screw terminals.

Dimensions

Length: 69mm (2.7")
 Width: 28mm (1.1")
 Depth: 17mm (0.65")



SKU: 666561415426

Sensor Switch Type 2

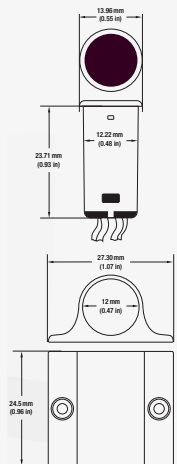
Model No.:	VBD-DOOR-SNG-60
Operating Voltage:	12V DC
Power Load:	60W Max
Usage:	Single Color
Wire Length:	6ft (58")
Sensor Distance:	6-10cm
Operating Temperatures:	-5°C~40°C
IP Rating:	IP20 (Indoor use only)
Power Consumption:	6dBm
Control Way:	4 Channels (RGBW) Common Anode
Programs:	20 Kinds
Control Distance:	30 Meters

Package Content:

- IR sensor switch with 6 feet of wire
- Holder with screws for surface mounting the sensor

Dimensions

Length: 23.71mm (0.93")
 Width: 12.22mm (0.48")
 Depth: 13.96mm (0.55")



SKU: 666561403461

Double Door Trigger Infrared Sensor

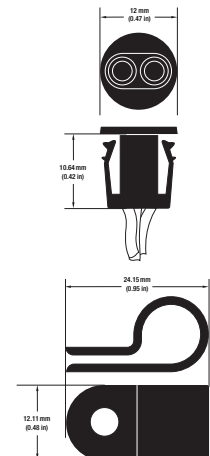
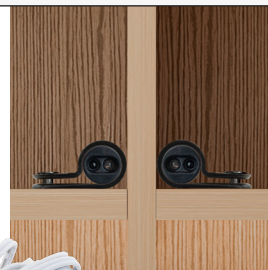
Model No.:	VBD-DOOR-DBL-60
Operating Voltage:	12-24V DC
Power Load:	60W Max
Usage:	Single Color
Sensor Distance:	6-10cm
Operating Temperatures:	-5°C~40°C
IP Rating:	IP20 (Indoor use only)

Package Content:

- Two IR sensor switches with AWG24 wire
- Two holders with screws for surface mounting the sensors

Dimensions

Diameter: 12mm (0.47")
 Width: 10.6mm (0.42")



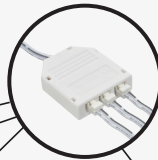
SKU: 666561425272

Dimmable CV Power Supply
Model: VBD-012-024DM

VBD-DOOR-DBL-60
 Double Door Trigger
 Infrared Sensor
 SKU: 666561425272
 Input Wire: 1.5m (4.9ft)
 Output Wire: 15cm (6in)
 Sensors Wire: 1m (3.2ft)



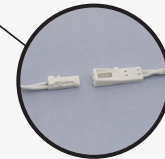
VBD-DOOR-SNG-60
 Sensor Switch Type 2
 SKU: 666561403461
 1.5m (4.9ft)



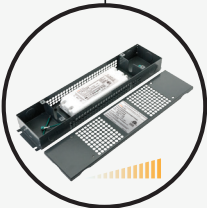
VBUN-DIS-3
 3 Way Distributor
 SKU: 666561426101
 2m (6.5ft)



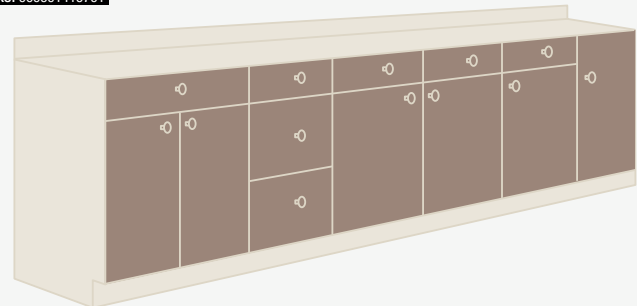
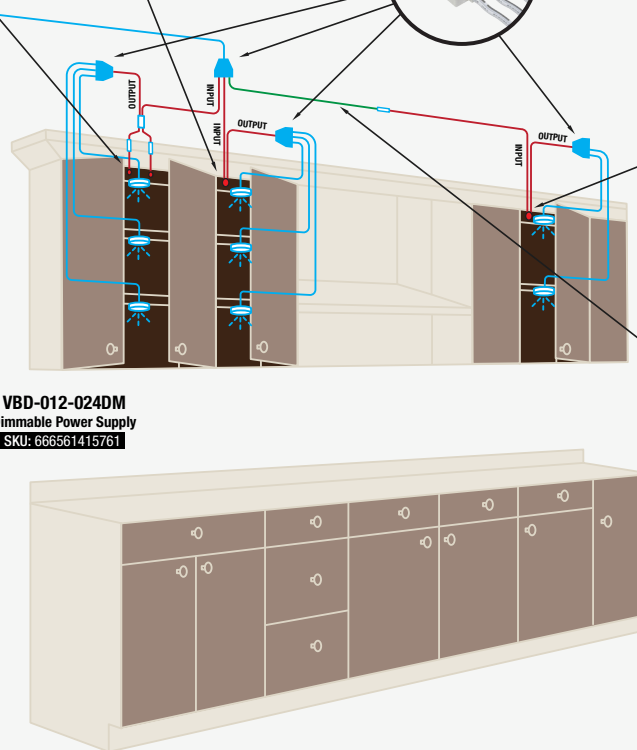
VBD-DOOR-SNG-60
 Sensor Switch Type 2
 SKU: 666561403461
 1.5m (4.9ft)



VBD-LR-2P
 Wire to Wire Connector
 SKU: 666561426248
 1m (3.2ft)



VBD-012-024DM
 Dimmable Power Supply
 SKU: 666561415761

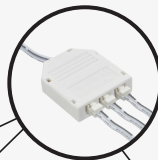


Non-Dimmable Multiple Output CV LED Power Supply
Model: OTM-E60

VBD-DOOR-DBL-60
 Double Door Trigger
 Infrared Sensor
 SKU: 666561425272
 Input Wire: 1.5m (4.9ft)
 Output Wire: 15cm (6in)
 Sensors Wire: 1m (3.2ft)



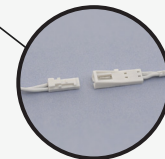
VBD-DOOR-SNG-60
 Sensor Switch Type 2
 SKU: 666561403461
 1.5m (4.9ft)



VBUN-DIS-3
 3 Way Distributor
 SKU: 666561426101
 2m (6.5ft)



VBD-DOOR-SNG-60
 Sensor Switch Type 2
 SKU: 666561403461
 1.5m (4.9ft)



VBD-LR-2P
 Wire to Wire Connector
 SKU: 666561426248
 1m (3.2ft)



OTM-E60
 Power Supply
 SKU: 666561425425

