



# VB1-10W-RGBW-SERIES

## VB1-10W RGBW SERIES - TRIM / TRIMLESS OPTIONS

VB1-RGBW Series Housing is for the tunable 10W RGBW light engine tunable white light. VB1 is available in both open and closed faceplate options with a trim or trimless.



- Dimmable Lighting**  
0 to 100% flicker free dimming
- Tunable Lighting**
- RGBW** RGBW
- Working Temperature**  
-10°C to +40°C
- 5 Year Limited Warranty**
- UL US LISTED**

### MODEL CODES / TRIM OPTIONS

KITS OPEN TRIM	KITS CLOSED TRIM
VB1-10W-11-RGBW-20-OP-IP20	VB1-10W-11-RGBW-20-CL-IP20
VB1-10W-22-RGBW-20-OP-IP20	VB1-10W-22-RGBW-20-CL-IP20
VB1-10W-11-RGBW-40-OP-IP20	VB1-10W-11-RGBW-40-CL-IP20
VB1-10W-22-RGBW-40-OP-IP20	VB1-10W-22-RGBW-40-CL-IP20



Open Trim (OP)



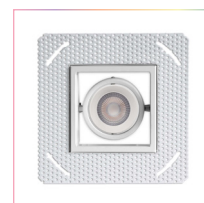
Closed Trim (CL)

## SPECIFICATIONS

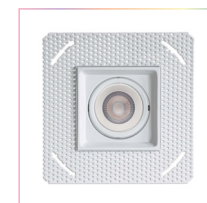
<b>Wattage</b>	10 Watts	
<b>Color Temperature</b>	RGBW	
<b>Beam Angle</b>	20D	40D
<b>Total Lumens</b>	480 lm	525 lm
<b>LED CRI</b>	≥95Ra (White chip only)	
<b>Input Voltage</b>	48 VDC, RJ45	
<b>LED</b>	COB	
<b>LM Rating</b>	LM-80	
<b>Trim Dimensions</b>	5.02" x 5.02" / 127.6mm x 127.6mm	
<b>Ceiling Cut-out</b>	4.5" x 4.5" / 114.3mm x 114.3mm	
<b>Certifications</b>	cULus E476753	
<b>Compatible Decoder</b>	DMX-SR-2112 Decoder	
<b>Power Supply</b>	PS-SR2112-96 - Power Supply 96W	
<b>Working Temperature</b>	-10C to 40C	
<b>IP Grade</b>	IP20 and IP65	
<b>Lifespan</b>	50,000 Hours	
<b>Warranty</b>	5 Year Limited Warranty	

### MODEL CODES / TRIMLESS OPTIONS

KITS OPEN TRIMLESS	KITS CLOSED TRIMLESS
VB1-10W-11-RGBW-20-TL-OP-IP20	VB1-10W-11-RGBW-20-TL-CL-IP20
VB1-10W-22-RGBW-20-TL-OP-IP20	VB1-10W-22-RGBW-20-TL-CL-IP20
VB1-10W-11-RGBW-40-TL-OP-IP20	VB1-10W-11-RGBW-40-TL-CL-IP20
VB1-10W-22-RGBW-40-TL-OP-IP20	VB1-10W-22-RGBW-40-TL-CL-IP20



Open Trimless (OP)



Closed Trimless (CL)

### COMPATIBLE TRIM / TRIMLESS

#### OPEN & CLOSED TRIM OPTIONS

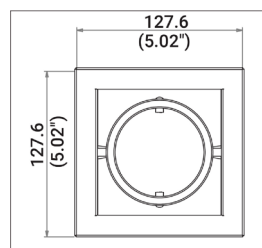


#### TRIM FINISH

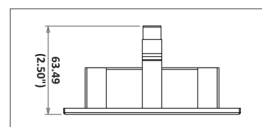
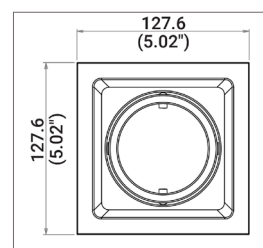


#### TRIM DIMENSIONS

##### Open Trim (OP)



##### Closed Trim (CL)



2.50" / 63.49mm

**APERTURE**  
Ø 2.75" / 69.85mm

**TRIM**  
5.02" x 5.02"  
127.6 x 127.6mm

#### OPTICS

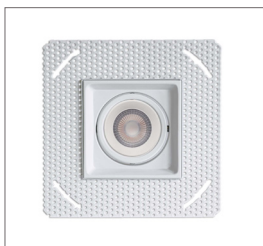
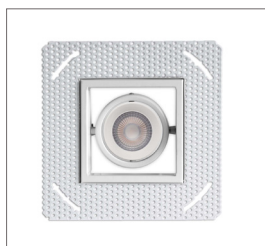


20 Degrees



40 Degrees

#### OPEN & CLOSED TRIMLESS OPTIONS

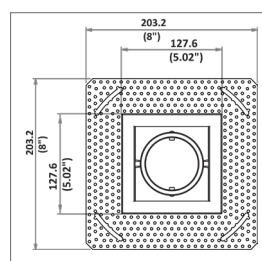


#### TRIM FINISH



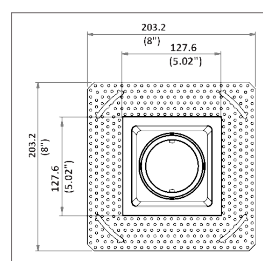
#### TRIMLESS DIMENSIONS

##### Open Trimless (TL-OP)



**TRIMLESS**  
8" x 8"  
203.2 x 203.2mm

##### Closed Trimless (TL-CL)



**APERTURE**  
Ø 2.75" / 69.85mm

**TRIM**  
5.02" x 5.02"  
127.6 x 127.6mm

#### OPTICS



20 Degrees



40 Degrees

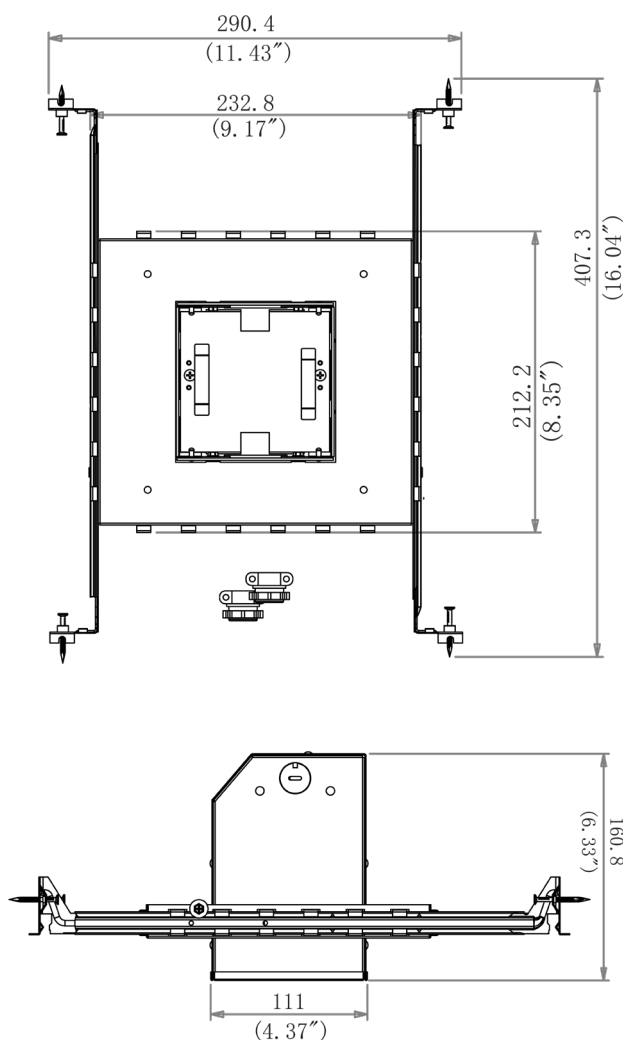
### HOUSING | V1-9W-HSG

Hanger bars can be adjusted from 8.35" to 23.25", to accommodate various joist construction and grid sizes. Hanger bars include a captive mounting "screw-nail" for easy installation.

*\*The die-cast aluminum heat sink is painted black.*

<b>Housing</b>	V1-9W-HSG
<b>Ceiling Cut-out</b>	4.5" x 4.5" / 114.3mm x 114.3mm
<b>Ceiling Thickness</b>	1/2" to 1 1/2" / 12.7mm to 38.1mm

### OVERALL DIMENSIONS



<b>Length:</b>	9.17 Inch / 232.8mm
<b>Height:</b>	8.35 Inch / 212.2mm
<b>Width:</b>	6.33 Inch / 160.8mm
<b>Adjustable Brackets:</b>	Max: 23.5 Inch / 590.55mm Min: 8.35 Inch / 212.09mm

### COMPATIBLE DECODER



**DMX DECODER**  
DMX-SR-2112

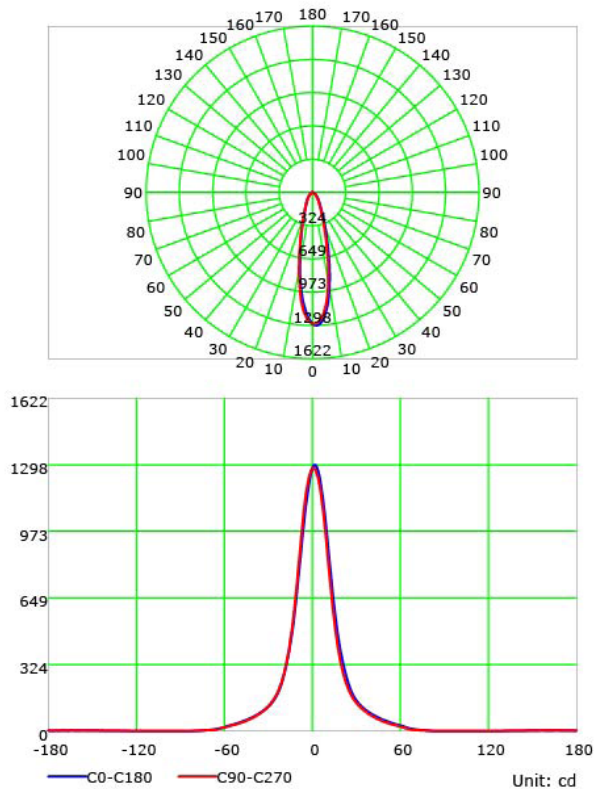
### COMPATIBLE POWER SUPPLY



**POWER SUPPLY**  
PS-SR2112-96

### PHOTOMETRIC INFORMATION / 20D

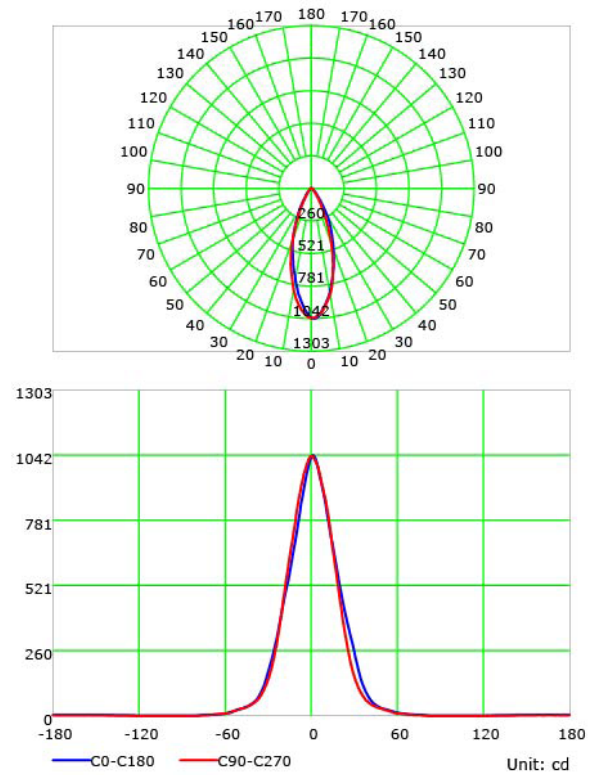
Luminous Intensity Distribution Curve



Illuminance at a Distance

### PHOTOMETRIC INFORMATION / 40D

Luminous Intensity Distribution Curve



Illuminance at a Distance

