

# SPECTRA BY VISTA | RGBW Linear In-Grades

The SPECTRA by Vista™ 1142 RGBW linear in-grade combines dynamic color control, precision white tuning, and powerful optical performance in a compact, low-profile housing. Designed for architectural applications such as wall grazing, sign lighting, and building façade accents, the 1142 delivers vibrant RGBW output while reducing fixture count through high-efficiency optics. Its rugged construction features two environmentally sealed junction boxes for power and DMX512 communication, with built-in support for through-branch circuiting and an internal screw-less optic module to streamline installation. With DMX512 and RDM support and a choice of glass or stainless steel trim, the 1142 RGBW is built for flexibility, reliability, and total lighting control.



**1142-GB:**  
*Fritted Glass Border*



**1142-SS:**  
*Stainless Steel Bezel*

## SERIES ADVANTAGES

- » RGBW technology with tunable white (2200K–6000K) for both dynamic color and precision white light
- » DMX512 and RDM support for advanced system integration and remote fixture management
- » High-performance optics maximize output and reduce fixture count
- » Sealed optic module with flow-through recessed housing protects internal components
- » Dual environmentally sealed junction boxes for simplified wiring and separation of power and DMX512
- » Supports through-branch circuiting for fast and efficient multi-fixture installations
- » Uniform illumination in five distributions: Wall Wash, Wall Grazing, Narrow, Medium Flood and Wide Flood
- » Designed for recessed ground lighting in drive-over environments, including maintenance vehicle paths
- » SplitShip (Rough-In-Section) option available for pre-installation before final fixture delivery
- » Trim options: black border fritted glass or stainless steel bezel
- » Designed and manufactured in the USA



**COMMERCIAL**  
OUTDOOR LIGHTING

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(805) 527-0987 | (800) 766-VISTA (8478)



**AMERICAN MADE**

## GENERAL SPECIFICATIONS

### HOUSING CONSTRUCTION:

Aluminum / Polymer construction with fully sealed optics / driver compartment and a flow-through recessed housing. Drive-over rated when installed in concrete.

### OPTIC MODULE CONSTRUCTION:

Extruded/die-cast aluminum module, Type III hard anodized for corrosion resistance. Fully sealed and wet-location listed, with optics and integral drivers housed internally. Installs into the Rough-In-Section using spring-tempered stainless steel clips and watertight cable connections.

### LENS:

10mm (.393") thick tempered and beveled clear glass. Permanently affixed and sealed to the optics housing with RTV silicon. Masked frit opening (black finish only) or brushed stainless steel bezel option available.

### REFLECTOR:

Specular or semi-specular extruded aluminum optics anodized and bright dipped for maximum reflectivity.

### FIXTURE MOUNTING:

Designed for recessed ground installation. Includes two environmentally sealed junction boxes for separation of power and DMX512 wiring. Supports through-branch circuiting and SplitShip (Rough-In-Section) installation option.

### ACCESSORIES:

Internal Glare Shield

### INPUT VOLTAGE:

120–277 Volts

## PERFORMANCE SPECIFICATIONS

### LED:

White and RGB LEDs arranged in four channel configuration.

### OUTPUT:

- » Delivers up to 3,088 lumens in white output at 3000K.
- » RGB output: Up to 537 lumens red, 1,275 lumens green, and 340 lumens blue.

### DISTRIBUTIONS:

Wall Wash, Wall Grazing, Narrow, Medium Flood, Wide Flood

### CONTROL:

DMX512 with RDM support for dynamic color tuning, fixture addressing, and system integration.

## CHROMATICITY

### COLOR TEMPERATURE WHITE [W]:

2200K – 6000K CCT

### RED WAVELENGTH [R]:

619nm – 625nm

### GREEN WAVELENGTH [G]:

520nm – 530nm

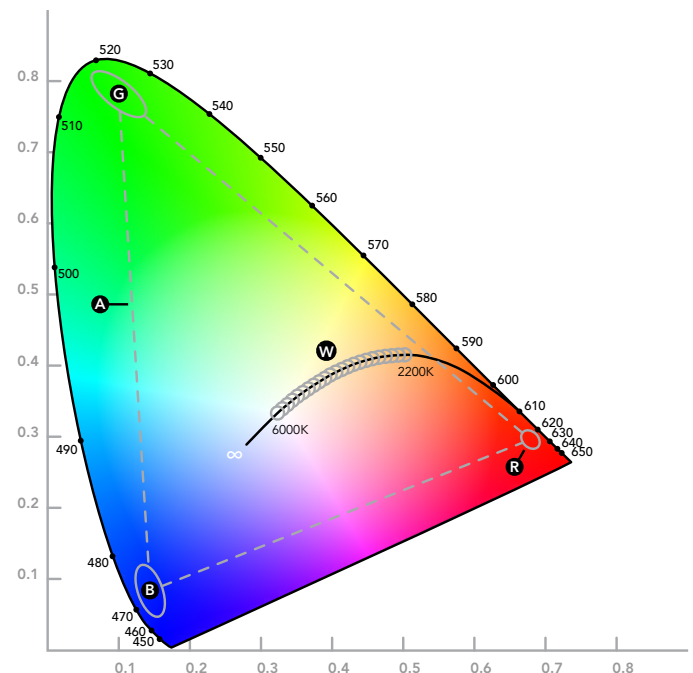
### BLUE WAVELENGTH [B]:

465nm – 475nm

### LED MODELS:

Lumileds LUXEON 2835 HE  
Lumileds LUXEON 3528 RGB

- R** Red Wavelength Range
- G** Green Wavelength Range
- B** Blue Wavelength Range
- W** White Color Temperature Range
- A** Combined RGB Visible Color Range



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