

# AURORA ACCENT A2E10D



Fixture Type:

Catalog Number:

Project:

Location:

Model	Color Temp	Finish
A2E10-D Accent 12V	CC Color Changing	BBR Bronze on Brass

Example: **A2E10-D-CCBBR**

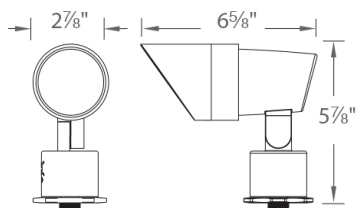
## DESCRIPTION

Landscape accent luminaire

## FEATURES

- Color and brightness are controlled through DMX Controller
- Solid diecast brass
- Adjustable and lockable beam angle
- IP66 rated, Protected against high-pressure water jets
- Includes a detachable shroud
- Factory sealed water tight fixtures
- Mounting stake, 6' lead wire and direct burial gel filled wire nuts included
- Maintains constant lumen output against voltage drop
- Not suitable to use with external dimmers
- 5 year warranty

## LINE DRAWING



## SPECIFICATIONS









<b>Input:</b>	9V - 15VAC (Transformer is required)
<b>Power:</b>	0.5W to 14.5W / 1 VA to 17VA
<b>Brightness:</b>	up to 355lm
<b>Beam Angle:</b>	15° to 60°
<b>CRI:</b>	95
<b>Controls:</b>	DMX512-A with advanced commissioning via Bluetooth.
<b>Dimming:</b>	100%-1% in CCT & Color via DMX or Bluetooth control
<b>Light Source:</b>	High output 2 Step MacAdam Ellipse LEDs, 90+ CRI Rated Life of 50,000 hours at L70
<b>Finish:</b>	Electrostatically powder coated bronze
<b>Standards:</b>	UL 1838 Listed
<b>Operating Temperature:</b>	-40° F to 122° F (-40° C to 50° C)
<b>Cabling Required:</b>	Underground 12/2 Direct Burial power cable available from AiSPIRE or other, and Direct Burial Cat cable such as: ICE 24-20S/DMX/DB/Black/1000 (direct burial rated) or Belden 3105DB

# AURORA ACCENT

## A2E10D



### Accessories

Accent Snoot		<b>A2E10-2-BBR</b>	Bronze on Brass	Shields lamp and reduces glare		
6" Long Shroud		<b>A2E10-1-BBR</b>	Bronze on Brass	Reduce glare. Ideal for downlighting application		
Additional Stake		<b>9000-ST9-BZ</b>	Bronze	Durable PVC stake		
Surface Mount Flange/Stake		<b>5000-SCP-BBR</b>	Bronze on Brass	Includes three 7 inch threaded stainless steel stabilizing pins for ground mounting or surface mounts with four screws or over a junction box		
Guardian Mount		<b>9000-SP9-BZ</b>	Stainless Steel	Heavy duty stainless steel spike to position fixture Formed from a single piece of metal		
Gutter Mount Bracket		<b>5000-GM-BZ</b>	Bronze	Stainless Steel universal mounting bracket for gutter mounting fixture		
Tree Mount Junction Box		<b>5000-TCP-BZ</b>	Bronze on Aluminum	Bronze on Aluminum box with Stainless steel mounting screws. Two ½" NPT threaded holes		
Optics		<b>LENS-20-AMB</b> <b>LENS-20-GRN</b> <b>LENS-20-RED</b>	Amber Green Red	<b>LENS-20-BLU</b> <b>LENS-20-FR</b> <b>LENS-20-SPR</b>	Blue Frosted Spread	Enhances saturation of florals and foliage

### Magnetic Transformers

Stainless Steel, 12-15V output, IP65 rated, UL 1838 listed  
See transformer spec sheet for details and its accessories

**A2E90-1150-SS**  
150W Max

**A2E90-1300-SS**  
300W Max

**A2E90-1600-SS**  
600W Max





## WHAT IS AURORA?

- Gradients of saturated colors from 1 - 100%
- On board closed loop thermal feedback compensates each color channel for thermally induced variations in optical output due to tuning, dimming or ambient temperatures.
- On board closed loop optical feedback measures the lumen depreciation of each channel and rebalances the color model to ensure color consistency over the 50,000 hour life of the module.

## WHY PAINT WITH FULL SPECTRUM LIGHT?

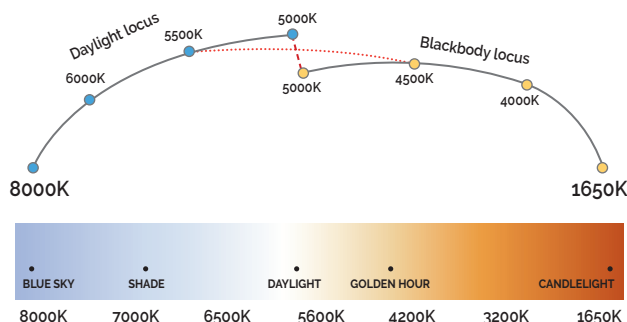
Until recently, all light – sunlight, firelight, candlelight, incandescent light – was full spectrum light. Full spectrum light contains all of the visible colors, and, like sunlight, renders colors naturally. Creating electric sunlight means that we needed to mix multiple colors (also known as channels) to replicate the color, beauty and range of sunlight.

## WHAT ARE THE BENEFITS OF TUNABLE COLOR?

The 1650-8000K tunable range, 90+ CRI color quality, LED dimming to 0.1%, <2 SDCM color consistency over life, and access to a wide gamut of colors enable the delivery of different lighting profiles that expertly resolve the multiple lighting objectives in your room.

## WHAT ARE THE TWO LIGHTING PROFILES OFFERED?

The tunable color profile features a broad tunable range from 1650K to 8000K. The light tracks the CIE Blackbody locus from 1650 - 4500K and then smoothly transitions to the Daylight Curve to 8000K – emulating natural daylight from sunrise to sunset. The warm-dim halogen profile recreates traditional dimming by emulating a halogen lamp from 3050K at full brightness to 1800K at 0.1%.



### DYNAMIC DAYLIGHT

*Blackbody to Daylight Curve*



**The Best Light:** Aurora recreates and controls light that emulates the spectral quality of daylight — accesses a rich gamut of pastels and saturated colors to unveil new design frontiers.



### LED DIMMING

*100% - 0.1%*



# AURORA

Painting with Light – Full Visible Spectrum

# AiSPIRE

A W A C C O M P A N Y



## ARCHITECTURE & LANDSCAPE ILLUMINATION

There are extraordinary opportunities in the outdoor lighting environment for controlled illumination. Especially with the addition of robust control of saturation and hue, designers and owners enjoy a level of precision, before thought impossible. Facades can be painted with the exact color desired, and plant materials can be individually selected and then illuminated. Scenes can be preset, and corporate brand colors can be introduced without gels or filters, which invariably shift over time.

## CONTROL COMPATIBILITY

**ANALOG** - DMX can be used to control Dimming and CCT independently, or program Scenes – in any combination of Dimming, CCT, Saturation, and Hue – and recall them with presets or the WAC iOS App.

**IOS** - Used in conjunction with Digital or Analog controls, each module can be wirelessly commissioned and then the radio turns off for enhanced security.



0 - 10V



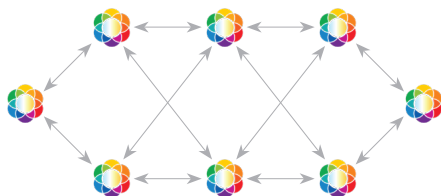
VANTAGE

CRESTRON

Bluetooth® For COMMISSIONING ONLY

## COLOR CONSISTENCY

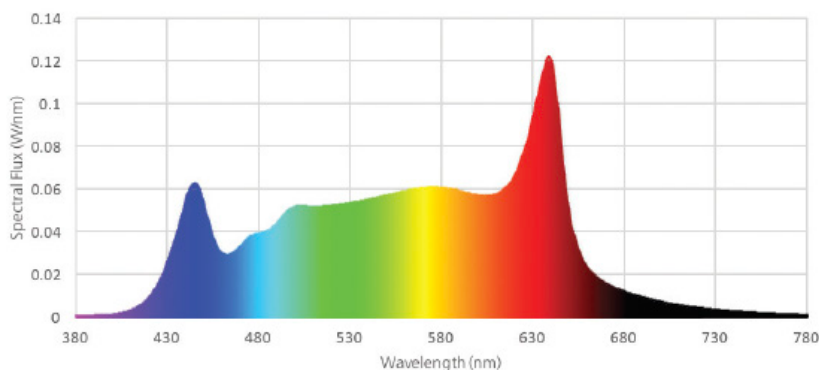
For fixture-to-fixture color consistency, the light maintain less than 2 Standard Deviation Color Matching over life. 95% of the general population cannot distinguish any difference in the color of light that is <2 SDCM.



## COLOR CONSISTENCY OVER LIFE

*Less than 2 SDCM*

## AURORA SPECTRAL DISTRIBUTION CURVE (SPD)



## AURORA

*SPD at 4000K*

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