



Warm White LED Ellipsoidal Spot Fixture

The Aria™ Profile WW is an LED ellipsoidal spot fixture that comes equipped with a high-output 200W 3200K warm white COB LED, and offers an incredible CRI of 98 to provide rich and accurate color rendition. And the LED is flicker-free, so it is perfect for video and film.

Its brilliant design allows the Aria™ Profile WW to create sharp or soft edged beams with manual focus, and it has excellent framing abilities with its (4) blade shutters.

These fixtures are also capable of ultra high resolution dimming (4,096 steps), and offer 1-20 fps strobe effects, plus 4 user selectable dimming curves that are easily accessible in 3-channel DMX mode or directly by use of its 4-button LCD control panel.

Users have the ability to change the field angle of the light simply by swapping out the lens tube. The Aria™ Profile WW works with all of our currently available lens tubes which include 19°, 26°, 36°, and 50° making it a highly versatile fixture.

Lens Part Numbers:

- ARIA-LENS-19
- ARIA-LENS-26
- ARIA-LENS-36
- ARIA-LENS-50



** Each fixture comes with the choice of any 1* lens tube. All others are available separately.*

Profile
WW



Main Features

- 200W Warm White 3200K COB LED
- High CRI: 98
- 19°, 26°, 36°, and 50° lens tubes are available
- High resolution dimming (4,096 steps)
- 4* user selectable dimming curves
- Manual focus
- (4) blade manual framing shutters
- Gel frame & gobo holder (supports B size gobos)
- Rotating barrel ± 25°
- 1-20 fps strobe effects
- Flicker-free operation
- Low power consumption
- 4-button LCD control panel menu
- PowerCon™ compatible in/out power connectors
- 3-pin DMX input/output
- Standalone, master/slave mode
- Durable plastic composite housing



Optical

200W Warm White
3200K COB LED

Available lenses:
19/26/36/50 degrees

Luminous Intensity:
(19°) 8,968 Lux @ 2.5m
(26°) 6,127 Lux @ 2.5m
(36°) 3,785 Lux @ 2.5m
(50°) 2,215 Lux @ 2.5m



Weight + Dimensions

Width: 10.2" (258 mm)
Depth: 25.5" (646 mm)
Height: 9.7" (247 mm)

Weight: 16.5 lbs. (7.5 kg)



Control

Protocol: USITT DMX-512

2/3-channel DMX modes

Standalone, Master/Slave,
Auto Mode

3-pin XLR In/Out
connections

4-button LCD control
panel



Power + Current

90-260VAC, 50-60 Hz

Power Consumption:
180W, 1.51A, PF: .99



Warranty

2-year limited warranty,
does not cover
malfunction
caused by damage to
LEDs



Report of Photometry & Chromaticity for Light Source

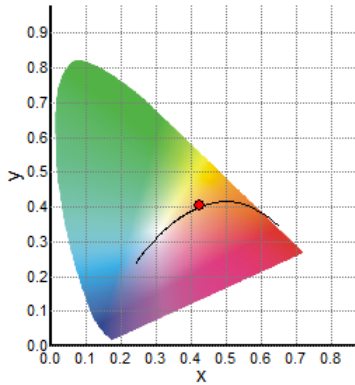


Product Description

Product Name	Aria™ Profile WW
Sample Number	19°, 5-Meters
Date(YYYY/MM/DD)	2017/11/28 16:26:23
Manufacturer	Blizzard Lighting
Tester	Joe Thomas
Temperature(°C)	Re. Humidity(%)
Reviewer	JT

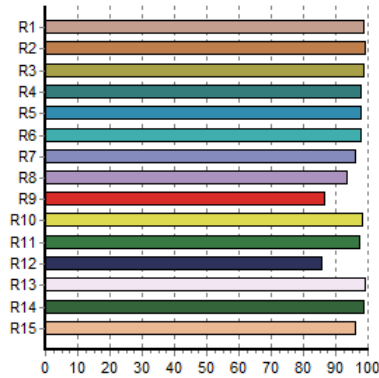
Photometry and Chromaticity

CIE_x	0.4258	Duv	0.0020
CIE_y	0.4048	λd(nm)	581.3
CIE_u'	0.2431	Purity(%)	49
CIE_v'	0.5200	FWHM(nm)	189
CCT(K)	3202	SP ratio	1.56
Illuminance(lx)	2672	PPFD(μmol/m² s)	48.8
λp(nm)	631	CRI(Ra)	98
TLCI(Qa)	97.9	GAI	59.0
GAI BB8	94	GAI BB15	98
TM-30 Rf	93	TM-30 Rg	98



CIE1931 Chromaticity Diagram

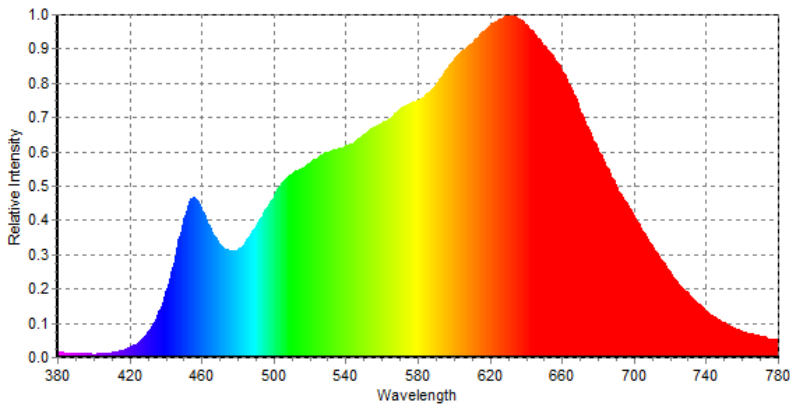
CQS-Qa	96	Re(thru R1~R15)	97
R1	99.2	R6	98.1
R2	99.4	R7	96.5
R3	99.3	R8	94.1
R4	98.1	R9	87.1
R5	98.3	R10	98.8
R11	98.0	R12	86.3
R13	99.4	R14	98.9
R15	96.4		



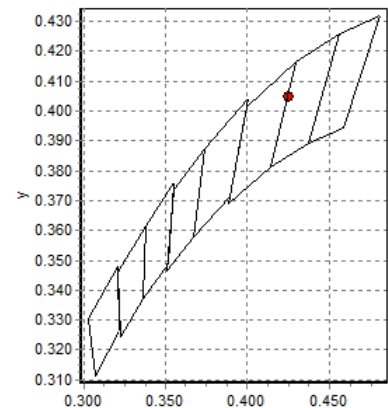
Histogram Diagram of CRI

Flicker Frequency(Hz)
Flicker Index

Flicker %



Spectral Distribution



C78.377-2008