Aria 700Spot

400 W RGBW theatrical LED spot luminaire
ORDER CODE: **ARIA700SPOT**

Aria 700Spot is a 400 W theatrical LED luminaire designed to bring refinement and silence to the stage. Featuring a custom RGBW engine delivering an extensive colour palette and an optical system designed to allow the layering of effects. The **Aria 700Spot** puts the theatre into LED.

MAIN FEATURES

- Full spectrum RGBW LED engine for extensive pastel colour palette and HD dimming
- A near-silent operation for use even in front of house
- Animation core module with index, depth and rotation

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 400 W custom RGBW LED
- CCT: Tunable 2.000 K ~ 10.000 K
- Luminous flux: 6'153 lm
- Lux: (10°) 22'361 lx - (45°) 2'166 lx @3 m full
- Lux: (10°) 7'880 lx - (45°) 780 lx @5 m full
- Source life expectancy: 50.000 h

OPTICS
- Zoom: 10° - 45° motorised linear zoom
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised with auto-focus
- Other: high-quality flat-field projection

COLOUR SYSTEM
- Colour mixing: RGBW / FC
- CTC: CTC control through independent DMX channel
- White presets: 2.000 K ~ 8.000 K
- Colour wheel: virtual colour wheel with presets

DYNAMIC EFFECTS
- Animation wheel: animation wheel with CW and CCW rotation
- Rotating gobos: 7 rotating gobos + open, interchangeable, indexing
- Gobo size: outer: 26,7 mm - image: 22 mm - thickness: 0,3 mm
- Fixed gobos: 8 fixed gobos + open
- Gobo size: outer: 29,5 mm - image: 22 mm - thickness: 0,3 mm
- Circular prism: 3f with bi-directional rotation, indexing
- Frost: linear 0 - 100% frost filter
- Iris: 5 - 100% motorised linear iris

BODY
- Pan angle: 540°
- Tilt angle: 270°
- Pan/Tilt resolution: 16 bit
- Feedback: automatic repositioning after accidental movement
- Body: aluminium structure with hi-resistance polycarbonate cover
- Body colour: black

CONTROL
- Protocols: DMX512, RDM, Art-Net, W-DMX
- DMX channels: 23 / 28 / 29 channel
- W-DMX: included, wireless solution receiver
- RDM: RDM ready for fixture remote monitor and settings
- Display: LCD high resolution colour display with autoflip
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included

ELECTRONICS
- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 different dimming curves available
- Strobe / shutter: 1 - 28 Hz, electronic
- Operating temperature: -10° ~ +45°
- Flicker: flicker free operation

ELECTRICAL
- Power supply: 100-240 V – 50/60 Hz
- Power consumption (at 230 V): 435 W
- Power consumption (at 120 V): 436 W
- Output (at 230 V): 4 units on a single power line
- Output (at 120 V): 2 units on a single power line

PHYSICAL
- Cooling: combination of heat pipe cooling system and low noise fan
- Sospension and fixing: any position with quick-lock omega brackets
- Pan / tilt lock: pan / tilt locking for transportation and maintenance
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Data connection: Art-Net RJ45 IN/OUT
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- IP rating: 20
- Dimensions (WxHxD): 408x676x257 mm
- Weight: 22,7 kg

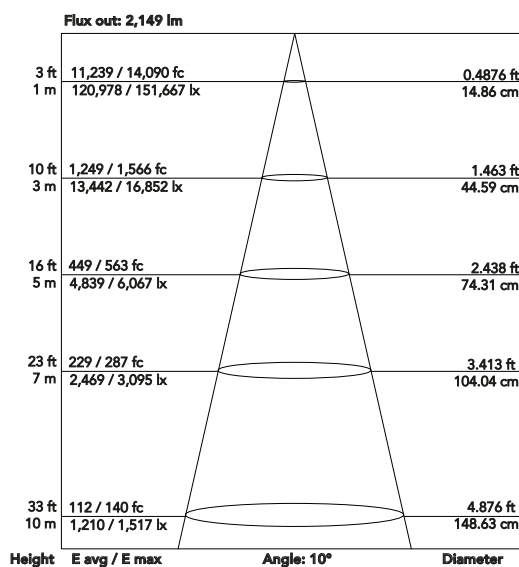## ACCESSORIES & RELATED PRODUCTS

- FCLARIA700: Flight case for 2x ARIA700, foam shells included
- FSHARIA700: 1U Foam shell compatible with ARIA700

- OS25: Quick-Lock omega bracket
- UPBOX1U: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT, USB OUT

COLOUR PRESET FULL ON
Beam angle 10°

Photometrics

Flux out: 2,149 lm

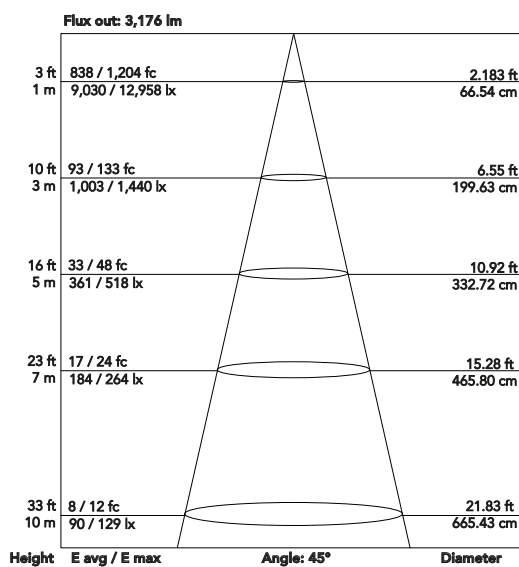| Height	E avg / E max	Angle: 10°	Diameter
3 ft / 1 m	11,239 / 14,090 fc / 120,978 / 151,667 lx		0.4876 ft / 14.86 cm
10 ft / 3 m	1,249 / 1,566 fc / 13,442 / 16,852 lx		1.463 ft / 44.59 cm
16 ft / 5 m	449 / 563 fc / 4,839 / 6,067 lx		2.438 ft / 74.31 cm
23 ft / 7 m	229 / 287 fc / 2,469 / 3,095 lx		3.413 ft / 104.04 cm
33 ft / 10 m	112 / 140 fc / 1,210 / 1,517 lx		4.876 ft / 148.63 cm

Note: the Curves indicate the illuminated area and the average illumination when the luminaire is at different distance
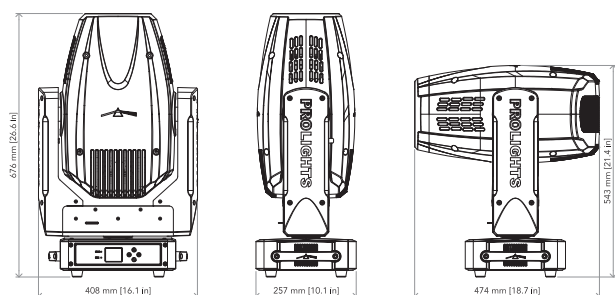
COLOUR PRESET FULL ON
Beam angle 45°

Photometrics

Flux out: 3,176 lm

Height	E avg / E max	Angle: 45°	Diameter
3 ft / 1 m	838 / 1,204 fc / 9,030 / 12,958 lx		2.183 ft / 66.54 cm
10 ft / 3 m	93 / 133 fc / 1,003 / 1,440 lx		6.55 ft / 199.63 cm
16 ft / 5 m	33 / 48 fc / 361 / 518 lx		10.92 ft / 332.72 cm
23 ft / 7 m	17 / 24 fc / 184 / 264 lx		15.28 ft / 465.80 cm
33 ft / 10 m	8 / 12 fc / 90 / 129 lx		21.83 ft / 665.43 cm

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TECHICAL DRAWINGS

676 mm [26.6 in]
408 mm [16.1 in]
257 mm [10.1 in]
474 mm [18.7 in]
543 mm [21.4 in]

For more product info and downloads visit our website

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