

# amaran

## amaran Ray 360c One Sheet

### Main Features

- **360W output full color COB light with integrated AC power**
- **All-in-one design for studio creators:** Streamlined, monolight-style design powered by a single AC cable
- **True-to-life, OmniColor light engine:** Enhanced, fuller color spectrum with expanded red and blue ranges for cleaner whites, truer skin tones, and more accurate color
- **Powerful, studio-quality output:** Up to **17,130 lux @ 1m (bare)** – 80%+ brighter than amaran 300c
- **DMX control via USB-C:** Integrate into industry-standard consoles and software with optional USB-C to DMX Adapter<sup>1</sup>
- **IP54 weather-resistant design:** Dust & splash resistant – ideal for wind, light rain, sand, or humidity
- Adaptive control with **FlowTurn knob:** Tactile feedback when adjusting lighting settings with speed or precision
- Instant, one-tap pairing to the amaran app via **built-in NFC**
- **2,300K to 10,000K ultra-wide adjustable color temperature** (1,800K to 20,000K CCT with CCT+ Mode)
- **Green-magenta adjustment** for color-accurate skin tones
- Recreate any color **with 360° full color control:** HSI (hue, saturation, intensity) and **RGB** color modes
- **Color accurate light:** CRI: **95+**, TLCI: **95+**, TM-30 Rg: **100**, TM-30 Rf: **94**, SSI (Tungsten): **87**, SSI (D56): **80**
- **Metal, full-size Bowens Mount** compatible with included Reflector, optional Fresnel, & other Bowens Mount modifiers
- Integrated **metal tilting bracket** with **baby pin (5/8) receiver** for easy mounting to light stands and other gear
- Built-in **umbrella holder** for mounting umbrella diffusers
- Built-in **safety chain bracket** for added security & protection
- Instantly adjust light settings in **Quick Operation Mode**
- Long press and double click **Custom Shortcuts**
- **High-Speed Photography Mode** and **Studio Mode**
- **0-100% stepless** brightness control
- **12 lighting FX:** Fireworks, Faulty Bulb, Lightning, TV, Pulsing, Strobe, Explosion, Fire, Paparazzi, Welding, Cop Car, Party Lights
- Adjustable **Silent or Smart fan mode**
- **Low fan noise:** Max 28dBA at max. output
- **Simplified, colored menu screen** for easy operation
- Light effortlessly with wireless **amaran app control**

<sup>1</sup> amaran USB-C to 5-Pin DMX In & Out Adapter sold separately.



### Product Description

Designed for home studios and on-location spaces, the amaran Ray 360c is a 360W full-color point-source LED light powered by the OmniColor light engine – delivering true-to-life color and high-quality output in a streamlined, monolight design that runs on a single AC cable. With DMX control via USB-C and an IP54-rated build for real-world shoots, the amaran Ray 360c keeps setups simple and efficient between shoots.

**All-in-one design for studio simplicity.** The amaran Ray 360c integrates the power supply directly into the light so you can start creating faster with just a single AC cable. With fewer components to carry, store, and mount – and eliminating bulky, external power bricks to manage – this all-in-one, monolight design keeps your studio setup efficient and clutter-free.

**True-to-life color with OmniColor.** Powered by the OmniColor light engine, the amaran Ray 360c reproduces light that looks true-to-life – both on camera and to the eye. Building on amaran's previous full-color chipset, OmniColor expands the red and blue ranges to deliver a fuller, more balanced spectrum of light – achieving SSI scores of 87 (Tungsten) and 80 (D56). What you see is what you capture: cleaner whites, truer skin tones, and more accurate color that stays consistent on camera.

**Powerful, studio-quality output.** Whether lighting subjects or filling small studios, the amaran Ray 360c delivers up to 17,130 lux at 1m without accessories – over 80% more output than the amaran 300c. Boost your output when paired with the included Reflector, extend your throw with the optional Fresnel, or soften your light with optional Bowens Mount softboxes.

**DMX control via USB-C for advanced workflows.** From podcasts to music video sets, add DMX control via the optional USB-C to 5-Pin DMX In & Out Adapter<sup>1</sup> to integrate the amaran Ray 360c with industry-standard consoles and software. Whether programing precise cues, syncing multi-light looks, or triggering repeatable scenes, DMX control via USB-C lets you scale into advanced studio workflows when needed.

**Instant, effortless controls.** When you need quick, hands-on control, the amaran Ray 360c makes setup and adjustments faster – on the light or in the amaran app. Use the FlowTurn knob to fine-tune one step at a time when you need precision or spin quickly to accelerate through settings when efficiency is key. In the amaran app, pair your amaran Ray 360c or multiple lights in the Ray family with just a tap via built-in NFC – even before turning it on.

### What's in the Box

Name	Qty
amaran Ray 360c	1
amaran Reflector	1
amaran AC Power Cable (5m)	1
amaran Blue Bowens Mount Protection Cover	1
amaran Ray 360c EPP Carrying Case	1

amaran Ray 360c Photometrics

CCT	Dis.	No Accessories	Reflector	Octa Dome 90 <sup>1</sup>	Dis.	Fresnel (Spot) <sup>1</sup>	Fresnel (Flood) <sup>1</sup>
2,300K	1m	10,050 lux / 934 fc	26,400 lux / 2,453 fc	8,140 lux / 756 fc	3m	10,570 lux / 982 fc	1,738 lux / 161 fc
	3m	1,171 lux / 109 fc	2,586 lux / 240 fc	533 lux / 50 fc	5m	3,750 lux / 348 fc	634 lux / 59 fc
3,200K	1m	15,900 lux / 1,477 fc	41,800 lux / 3,883 fc	12,900 lux / 1,198 fc	3m	16,780 lux / 1,559 fc	2,750 lux / 255 fc
	3m	1,850 lux / 172 fc	4,090 lux / 380 fc	850 lux / 79 fc	5m	5,790 lux / 538 fc	979 lux / 91 fc
4,300K	1m	17,130 lux / 1,591 fc	45,000 lux / 4,181 fc	13,900 lux / 1,291 fc	3m	18,110 lux / 1,682 fc	2,970 lux / 276 fc
	3m	1,988 lux / 184 fc	4,400 lux / 409 fc	915 lux / 85 fc	5m	6,210 lux / 577 fc	1,048 lux / 97 fc
5,600K	1m	17,040 lux / 1,583 fc	44,600 lux. 4,143 fc	13,790 lux / 1,281 fc	3m	18,000 lux / 1,672 fc	2,950 lux / 274 fc
	3m	1,970 lux / 183 fc	4,360 lux / 405 fc	901 lux / 84 fc	5m	6,400 lux / 595 fc	1,080 lux / 100 fc
6,500K	1m	16,680 lux / 1,550 fc	43,400 lux / 4,032 fc	13,450 lux / 1,250 fc	3m	17,590 lux / 1,634 fc	2,880 lux / 268 fc
	3m	1,925 lux / 179 fc	4,250 lux / 395 fc	880 lux / 82 fc	5m	6,350 lux / 590 fc	1,073 lux / 100 fc
10,000K	1m	15,740 lux / 1.462 fc	41,000 lux / 3,809 fc	12,700 lux / 1,180 fc	3m	16,580 lux / 1,540 fc	2,730 lux / 254 fc
	3m	1,815 lux / 169 fc	4,010 lux / 373 fc	828 lux / 77 fc	5m	6,000 lux / 557 fc	1,014 lux / 94 fc
Red	1m	2,099 lux / 195 fc	TBD	TBD	3m	TBD	TBD
	3m	TBD	TBD	TBD	5m	TBD	TBD
Green	1m	9,660 lux / 897 fc	TBD	TBD	3m	TBD	TBD
	3m	TBD	TBD	TBD	5m	TBD	TBD
Blue	1m	1,327 lux / 123 fc	TBD	TBD	3m	TBD	TBD
	3m	TBD	TBD	TBD	5m	TBD	TBD

amaran Ray 360c Specifications

CCT	Standard	2,300K - 10,000K
	Expanded (CCT+)	1,800K – 20,000K
CRI		95+
TLCI		95+
SSI (Tungsten)		87
SSI (D56)		80
TM-30 RG (Average)		100
TM-30 RF (Average)		94
Max Power Output		360W
Max Power Consumption		410W
Color Chipset		OmniColor
Lumens		23,174 lumens
Weather Resistance Rating		IP54
Beam Angle	No Reflector	70°
	Reflector	45°
Operating Voltage		AC 100V - 240V / 50 - 60Hz
Max Noise Level		28dBA (30°C / 86°F)
Operating Temperature		-10°C - 40°C / 14°F - 104°F
Storage Temperature		-20°C - 80°C / -4°F - 176°F
Control Methods		On-board, amaran App, DMX <sup>2</sup>
Firmware Upgradeable		amaran App, USB-C
Wireless Operating Range		≤80m / ≤262.5ft (Bluetooth)
Screen Type		TFT
Cooling Method		Active Cooling

<sup>1</sup> amaran Octa Dome 90 and amaran Fresnel sold separately.  
<sup>2</sup> amaran USB-C to 5-Pin DMX In & Out Adapter sold separately.

Dimensions	Fixture w/o Mounting Bracket	25.5 x 14.8 x 16.5cm 10.04 x 5.83 x 6.50in
	Fixture w/ Mounting Bracket	25.8 x 19.4 x 25.8cm 10.16 x 7.64 x 10.16in
	AC Power Cable	5m / 16.40ft
	Carrying Case	55.0 x 39.0 x 56.0cm 21.65 x 15.35 x 22.05in
Weight	Fixture	3.3kg / 7.28lbs
	Carrying Case	730g / 1.61lbs

Sales & Shipping Information

Product Name	amaran Ray 360c	
	SKU	UPC
amaran Ray 360c (CN)	MP00050190	6977162453200
amaran Ray 360c (US)	MP000000191	6977162453217
amaran Ray 360c (UK)	MP00040192	6977162453224
amaran Ray 360c (EU)	MP00010193	6977162453231
amaran Ray 360c (JP)	MP00020194	6977162453248
amaran Ray 360c (AU)	MP00030195	6977162453255
Packing Dimensions	49.0 x 34.7 x 25.0cm 19.29 x 13.66 x 9.84in	
Net Weight	4.100kg / 9.04lbs	
Gross Weight	4.854kg / 10.70lbs	
Carton Quantity	2 pcs	
Carton Dimensions	50.5 x 35.8 52.0cm 19.88 x 14.09 x 20.47in	
Carton Weight	11.81kg / 26.034lbs	