

# amaran

## amaran Ray 60c One Sheet

### Main Features

- Ultra-compact, **60W output full color COB light**
- **Compact power for on-the-go:** Ultra-slim (4.4cm), ultra-lightweight (528g) body that's quick to pack, mount, and carry
- **Best-in-class output:** Up to **3,910 lux @ 1m (bare)** – 50%+ brighter than previous-gen 60W COB at nearly 50% size<sup>1</sup>
- **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
- **Wireless amaran Ace E-Lock:** Cable-free operation for **46 mins with amaran Peak 75** or 65 mins with amaran Peak
- **Compatible with USB-C PD 3.0** power banks and chargers for ultimate portable power flexibility
- **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**
- Included **Octa Dome 30:** 30cm (1ft) one-snap setup softbox
- Included **Ace Lock to Baby Pin Adapter Grip** for quick-mounting to light stands or handheld use with portable battery, with secure silicone strap for securing power source
- **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 optional Mini Reflector, Mini Fresnel, & other Bowens Mount modifiers
- **Multiple power options:** Supports amaran Ace E-Lock, USB-C PD3.0, and DC 12V-24V power input methods
- **Integrated 1/4-20in screw mount** for easy attachment to tripods, light stands, or other mounting solutions
- 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**
- **All-in-one creator kit** with included **carrying bag**

<sup>1</sup> Size reduction measured by product volume vs. amaran COB 60x S.



### Product Description

Designed for creators on the move, the amaran Ray 60c is an ultra-compact, 60W full-color point-source LED light powered by the OmniColor light engine – delivering class-leading output and true-to-life color in an ultra-slim, ultra-lightweight body. With an IP54-rated build for real-world shoots, amaran Ace E-Lock compatibility, and simplified USB-C PD power, the amaran Ray 60c is a travel-ready, mobile kit made to move from outdoors to the studio.

**Ultra-compact power for on-the-go.** Comparable in size – and lighter than most – mirrorless camera bodies, the amaran Ray 60c delivers powerful lighting in an ultra-slim (4.4cm / 1.7in), lightweight (528g / 1.16lbs) design, yet still retains a full-size Bowens Mount. This compact build allows you to travel lighter and set up faster in tight spaces, on the go, and between locations.

**Best-in-class brightness.** The amaran Ray 60c outshines competing ultra-compact COB lights, delivering up to 3,910 lux at 1m without accessories – over 50% increase in output vs. the amaran COB 60x S – while being nearly half the size<sup>1</sup>. Or pair with the optional Mini Reflector or Mini Fresnel for even more punch.

**True-to-life color with OmniColor.** Powered by the OmniColor light engine, the amaran Ray 60c 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.

**Ultimate portable power flexibility.** In addition to the included DC power adapter, the amaran Ray 60c is built for mobility with amaran Ace E-Lock and USB-C PD support. Run for 46 minutes at 100% output with the amaran Peak 75 via Ace E-Lock for a cable-free setup or 1 hour via the USB-C port. Or power with USB-C PD power banks and chargers – eliminating NP-F or V-Mount batteries while keeping your setup streamlined from outdoor to studio shoots.

**Instant, effortless controls.** The amaran Ray 60c is built to make setup and adjustments faster and more intuitive. 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 60c 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 60c	1
amaran Ace Lock to Baby Pin Adapter Grip	1
amaran Octa Dome 30	1
amaran Octa Dome 30 Diffusion Cloth	1
amaran Octa Dome 30 Light Control Grid	1
amaran AC to DC 90W Power Adapter (0.5m)	1
amaran AC Power Cable (4m)	1
amaran Ray Carrying Bag	1

amaran Ray 60c Photometrics

CCT	Dis.	No Accessories	Octa Dome 30	Mini Reflector <sup>1</sup>	Mini Fresnel (Spot) <sup>1</sup>	Mini Fresnel (Flood) <sup>1</sup>
2,300K	1m	3,260 lux / 303 fc	1,129 lux / 105 fc	16,310 lux / 1,515 fc	20,030 lux / 1,861 fc	7,740 lux / 719 fc
	3m	362 lux / 34 fc	125 lux / 12 fc	1,812 lux / 168 fc	2,226 lux / 207 fc	860 lux / 80 fc
3,200K	1m	3,810 lux / 354 fc	1,324 lux / 123 fc	19,130 lux / 1,777 fc	23,430 lux / 2,177 fc	9,090 lux / 844 fc
	3m	423 lux / 39 fc	147 lux / 14 fc	2,126 lux / 198 fc	2,603 lux / 242 fc	1,019 lux / 95 fc
4,300K	1m	3,910 lux / 363 fc	1,347 lux / 125 fc	19,530 lux / 1,814 fc	23,790 lux / 2,210 fc	9,250 lux / 859 fc
	3m	434 lux / 40 fc	150 lux / 14 fc	2,170 lux / 202 fc	2,643 lux / 246 fc	1,028 lux / 96 fc
5,600K	1m	3,760 lux / 349 fc	1,303 lux / 121 fc	18,830 lux / 1,749 fc	23,100 lux / 2,146 fc	2,567 lux / 238 fc
	3m	418 lux / 39 fc	145 lux / 13 fc	2,092 lux / 194 fc	2,567 lux / 238 fc	993 lux / 92 fc
6,500K	1m	3,690 lux / 343 fc	1,281 lux / 119 fc	18,500 lux / 1,719 fc	22,640 lux / 2,103 fc	8,780 lux / 816 fc
	3m	410 lux / 38 fc	142 lux / 13 fc	2,056 lux / 191 fc	2,516 lux / 234 fc	976 lux / 91 fc
10,000K	1m	3,430 lux / 319 fc	1,185 lux / 110 fc	17,220 lux / 1,600 fc	20,980 lux / 1,949 fc	8,150 lux / 757 fc
	3m	381 lux / 35 fc	132 lux / 12 fc	1,913 lux / 178 fc	2,331 lux / 217 fc	906 lux / 84 fc
Red	1m	864 lux / 80 fc	TBD	TBD	TBD	TBD
	3m	TBD	TBD	TBD	TBD	TBD
Green	1m	2,707 lux / 251 fc	TBD	TBD	TBD	TBD
	3m	TBD	TBD	TBD	TBD	TBD
Blue	1m	450 lux / 42 fc	TBD	TBD	TBD	TBD
	3m	TBD	TBD	TBD	TBD	TBD

<sup>1</sup> amaran Mini Reflector and Mini Fresnel sold separately.

amaran Ray 60c 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		60W
Max Power Consumption		75W (USB-C)
Color Chipset		OmniColor
Lumens		4,021 lumens
Beam Angle		70°
Weather Resistance Rating		IP54
Power Supply Methods		USB-C PD 3.0, DC, amaran Ace E-Lock
Operating Voltage	Fixture	DC 12V – 24V
	Power Supply	AC 100V - 240V / 2.5A / 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
Firmware Upgradeable		amaran App
Wireless Operating Range		≤80m / ≤262.5ft (Bluetooth)
Screen Type		TFT
Cooling Method		Active Cooling

Dimensions	Fixture	14.5 x 11.5 x 4.4cm / 5.7 x 4.5 x 1.7in
	Octa Dome 30 (Built)	20.0 x 30.0 x 30.0cm 7.9 x 11.8 x 11.8in
	Octa Dome 30 (Collapsed)	34.76 x 18.0 x 6.5cm 13.6 x 7.1 x 2.6in
	AC Power Cable	4m / 13.12ft
	Adapter Cable	0.5m / 1.64ft
	Ace Lock Grip	23.0 x 11.0 x 10.8cm / 9.1 x 4.3 x 4.3in
	Carrying Bag	40.8 x 26.4 x 11.0cm / 10.1 x 10.4 x 4.3in
Weight	Fixture	528.5g / 1.16lbs
	Octa Dome 30	240g / 0.53lbs
	Ace Lock Grip	420g / 0.93lbs
	Carrying Bag	480g / 1.04lbs

Sales & Shipping Information

Product Name	amaran Ray 60c	
	SKU	UPC
amaran Ray 60c (CN)	MP00050189	6977162459646
amaran Ray 60c (US)	MP0000018A	6977162459653
amaran Ray 60c (UK)	MP0004018B	6977162459660
amaran Ray 60c (EU)	MP0001018C	6977162459677
amaran Ray 60c (JP)	MP0002018D	6977162459684
amaran Ray 60c (AU)	MP0003018E	6977162459691
Packing Dimensions	40.8 x 26.4 x 11.0cm 16.06 x 10.39 x 4.33in	
Net Weight	2.433kg / 5.36lbs	
Gross Weight	3.063kg / 6.75lbs	
Carton Quantity	5 pcs	
Carton Dimensions	59.5 x 42.6 x 29.0cm 23.43 x 16.77 x 11.42in	
Carton Weight	16.615kg / 36.63lbs	