amaran

amaran Halo 600x One Sheet

Main Features

- Compact, **610W bi-color point-source COB light**
- **amaran quality, made more accessible:** Maximum output, consistent bi-color performance for larger setups
- **Best-in-class output:** Up to **545W light output** and **32,500 lux @ 1m (bare)** – brightest in its class in a fraction of the size of traditional 600W COBs
- **All-in-one design for studio creators:** Streamlined, monolight-style design powered by a single AC cable
- **Separate brightness and color temperature knobs** for simple, intuitive adjustments with virtually no learning curve
- **Compact size:** Space-saving footprint for expansive studios that's quick to set up, mount, and store – the most compact in its class
- **Durable, all-metal build:** Rugged reliability made to last
- **Quiet operation for recording without distractions:** 28dBA fan noise in Smart Mode
- **DMX control via USB-C:** Integrate into industry-standard consoles and software with optional USB-C to 5-Pin DMX In & Out Adapter[1]
- Instant, one-tap pairing to the amaran app via **built-in NFC**
- **Metal, full-size Bowens Mount** compatible with optional Reflector, Fresnel, Aputure Spotlight Mount II, & other modifiers
- **Wider 85° native beam angle** for more uniform and diffused light output without hotspots
- **Color accurate light:** CRI: **96+**, TLCI: **97+**, TM-30 Rg: **102**, TM-30 Rf: **95**, SSI (P3200): **84**, SSI (D56): **74**
- **Integrated tilting bracket** with built-in carry grip for easier handling, fast angle adjustments, and quick-mounting to light stands
- **0-100% stepless** brightness control
- **9 lighting FX:** Fireworks, Faulty Bulb, Lightning, TV, Pulsing, Strobe, Explosion, Fire, Paparazzi
- Adjustable **Silent, Smart, & High fan modes**
- **Large simplified, colored menu screen** for easy operation
- Light effortlessly with wireless **amaran app control**

What's in the Box

Name	Qty
amaran Halo 600x	1
amaran IEC C13 AC Power Cable (5m)	1

Product Description

Designed for creators who want studio-quality lighting made accessible with maximum output, the amaran Halo 600x is a compact, 610W bi-color COB light for expansive home studios, livestream rooms, and production sets. With class-leading light output, a monolight design powered by a single AC cable, and simple, intuitive controls, this powerful COB makes it easier to build a reliable lighting setup while maintaining a small footprint.

amaran quality, made accessible for more creators. Whether you're investing in your first light or building a multi-light studio, the amaran Halo 600x focuses on what matters most for creators: maximum output, consistent and natural bi-color results, and an all-metal build made to last – delivering reliable amaran quality you can count on for everyday shoots, without adding complexity to your workflow.

Best-in-class brightness. Designed for maximum performance, the amaran Halo 600x packs 545W of light output and reaches up to 32,500 lux @ 1m (bare) in a remarkably compact monolight design – in a fraction of the size of traditional 600W bi-color COBs. This extra headroom plus a wider 85° beam angle makes it easier to diffuse or shape your light without hotspots using modifiers with its full-size metal Bowens Mount, so you can craft different looks across larger setups.

All-in-one power for simpler setups. Built to keep setups efficient and clutter-free, the amaran Halo 600x features an all-in-one monolight design with its power supply integrated directly into the light – so you can start creating faster with a single AC cable and no external power brick. With fewer components to manage, your setup stays cleaner and easier to scale.

Simple controls for faster shoots. With separate brightness and color temperature knobs and a clear, simplified interface, the amaran Halo 600x keeps adjustments fast and intuitive with virtually no learning curve. For wireless control, pair your amaran Halo 600x or multiple lights in the Halo family in the amaran app with just a tap via built-in NFC – even before turning it on.

Compact power for creator spaces. Designed for expansive studios, the amaran Halo 600x delivers maximum, high-output performance while being the most compact in its class – easy to place, quick to set up, and simple to store without taking over your space. Plus, its integrated tilting bracket with a built-in carry grip makes handling easier and angle adjustments faster. Despite its compact body, optimized cooling keeps it quiet at 28 dBA, so you can record without distractions.

DMX control for advanced workflows. From livestream studios to production sets, the amaran Halo 600x supports DMX control via USB-C so your lighting can stay in the same wired workflow across the amaran Halo lineup. Integrate with industry-standard consoles and software using the optional USB-C to 5-Pin DMX In & Out Adapter[1] for cues, multi-light looks, and repeatable scenes.

[1] amaran USB-C to 5-Pin DMX In & Out Adapter sold separately.

amaran Halo 600x Photometrics

CCT	Dis.	No Accessories	Light Dome 90[1]	Reflector[1]	Fresnel (Spot)[1]	Fresnel (Flood)[1]
2,700K	1m	23,600 lux / 2,192 fc	21,590 lux / 2,006 fc	72,500 lux / 6,735 fc	184,300 lux / 17,122 fc	38,200 lux / 3,549 fc
	3m	2,627 lux / 244 fc	1,485 lux / 138 fc	6,900 lux / 641 fc	22,530 lux / 2,093 fc	4,460 lux / 414 fc
	5m	1,094 lux / 102 fc	566 lux / 53 fc	2,519 lux / 234 fc	7,970 lux / 740 fc	1,663 lux / 154 fc
3,200K	1m	27,920 lux / 2,594 fc	25,590 lux / 2,377 fc	86,400 lux / 8,027 fc	219,600 lux / 20,401 fc	45,200 lux / 4,199 fc
	3m	3,100 lux / 288 fc	1,767 lux / 164 fc	8,200 lux / 762 fc	26,750 lux / 2,485 fc	5,290 lux / 491 fc
	5m	1,280 lux / 119 fc	662 lux / 62 fc	2,948 lux / 274 fc	9,350 lux / 869 fc	1,949 lux / 181 fc
4,300K	1m	32,000 lux / 2,973 fc	29,700 lux / 2,759 fc	99,900 lux / 9,281 fc	253,800 lux / 23,579 fc	51,800 lux / 4,812 fc
	3m	3,550 lux / 330 fc	2,042 lux / 190 fc	9,480 lux / 881 fc	31,000 lux / 2,880 fc	6,080 lux / 565 fc
	5m	1,475 lux / 137 fc	768 lux / 71 fc	3,420 lux / 318 fc	10,840 lux / 1,007 fc	2,257 lux / 210 fc
5,600K	1m	32,500 lux / 3,019 fc	30,300 lux / 2,815 fc	102,100 lux / 9,485 fc	259,100 lux / 24,071 fc	52,700 lux / 4,896 fc
	3m	3,610 lux / 335 fc	2,087 lux / 194 fc	9,680 lux / 899 fc	31,600 lux / 2,936 fc	6,190 lux / 575 fc
	5m	1,494 lux / 139 fc	782 lux / 73 fc	3,480 lux / 323 fc	11,030 lux / 1,025 fc	2,292 lux / 213 fc
6,500K	1m	31,200 lux / 2,899 fc	29,300 lux / 2,722 fc	98,400 lux / 9,142 fc	249,400 lux / 23,170 fc	50,600 lux / 4,701 fc
	3m	3,460 lux / 321 fc	2,012 lux / 187 fc	9,340 lux / 868 fc	30,500 lux / 2,834 fc	5,950 lux / 553 fc
	5m	1,461 lux / 136 fc	766 lux / 71 fc	3,410 lux / 317 fc	10,780 lux / 1,001 fc	2,242 lux / 208 fc

[1] amaran Light Dome 90, Reflector, and Fresnel sold separately.

amaran Halo 600x Specifications

CCT	2,700K - 6,500K
CRI	96+
TLCI	97+
SSI (P3200)	84
SSI (D56)	74
TM-30 RG (Average)	102
TM-30 RF (Average)	95
Max Power Output	545W
Max Power Consumption	610W
Max Light Output	32,500 lux @ 1m (No Accessory)
Lumens	62,000 lumens
Beam Angle	85º
Weather Resistance Rating	IP20
Power Supply Methods	AC Power
Operating Voltage	AC 100V - 240V / 50 - 60Hz
Max Noise Level	28dBA
Max Power In Silent Mode	55W (Silent Mode)
Operating Temperature	-10°C - 40°C / 14°F - 104°F
Storage Temperature	-20ºC - 80ºC / -4ºF - 176ºF
Control Methods	On-board, amaran App, DMX[2]
Firmware Upgradeable	amaran App
Wireless Operating Range	≤80m / ≤262.5ft (Bluetooth)
Screen Type	TFT
Cooling Method	Active Cooling

[2] amaran USB-C to 5-Pin DMX In & Out Adapter sold separately.

Dimensions	Fixture w/ Mounting Bracket	24.2 x 14.1 x 16.5cm 9.53 x 5.55 x 6.50in
	Fixture w/o Mounting Bracket	24.2 x 14.1 x 13.3cm 9.53 x 5.55 x 5.24in
	AC Cable	5m / 16.4ft
Weight	Fixture	2.91kg / 6.42lbs
	AC Cable	450g / 0.99lbs

Sales & Shipping Information

Product Name	amaran Halo 600x	
	SKU	**UPC**
amaran Halo 600x (CN)	MP0005043W	6978714710222
amaran Halo 600x (US)	MP0000043X	6978714710239
amaran Halo 600x (UK)	MP0004043Y	6978714710246
amaran Halo 600x (EU)	MP00010440	6978714710253
amaran Halo 600x (JP)	MP00020441	6978714710260
amaran Halo 600x (AU)	MP00030442	6978714710277
Packing Dimensions	32.1 x 22.1 x 25.8cm 12.64 x 8.70 x 10.16in	
Net Weight	3.36kg / 7.41lbs	
Gross Weight	4.10kg / 9.34lbs	
Carton Quantity	4 pcs	
Carton Dimensions	46.4 x 33.5 x 54.0cm 18.27 x 13.19 x 21.26in	
Carton Weight	17.1kg / 37.70lbs	