amaran

amaran Halo 100x One Sheet

Main Features

- Ultra-compact, **100W bi-color point-source COB light**
- **amaran quality, made more accessible:** Powerful, consistent bi-color performance for everyday creator setups
- **Best-in-class output:** Up to **84W light output** and **4,890 lux @ 1m (bare)** – 34%+ brighter than the amaran 100x S in roughly one-third the size[1]
- **Simple & flexible power options:** Power with included DC adapter in fixed studios or via USB-C PD input
- **Separate brightness and color temperature knobs** for simple, intuitive adjustments with virtually no learning curve
- **Ultra-compact size:** Same space-saving footprint as Halo 60x for tight spaces that's quick to pack, mount, and store
- **Quiet operation for recording without distraction:** 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[2]
- Instant, one-tap pairing to the amaran app via **built-in NFC**
- **Reinforced, full-size Bowens Mount** compatible with optional Mini Reflector, Mini Fresnel, & other Bowens Mount modifiers
- **Wider 85º 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: **94**, SSI (P3200): **84**, SSI (D56): **74**
- **Included 1/4-20in to Baby Pin Adapter** with integrated tilting bracket and umbrella holder for quick-mounting to tripods, light stands, and other mounting solutions
- **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**
- **Optional USB-C PD power via amaran Peak series:** 40 mins @ 100% output with amaran Peak or 52 mins with Peak 75 (output limited to 60W) with Ace E-Lock Adapter[3]

What's in the Box

Name	Qty
amaran Halo 100x	1
amaran AC to DC 100W Power Adapter (2.5m)	1
amaran IEC C13 AC Power Cable (2m)	1
amaran 1/4-20in to Baby Pin Adapter with Tilt	1

Product Description

Designed for creators who want studio-quality lighting made accessible in small spaces with more output, the amaran Halo 100x is an ultra-compact, 100W bi-color COB light built for everyday creator setups. With class-leading light output, flexible power options, and simple, intuitive controls, this ultra-compact COB makes it easier to build a reliable lighting setup that keeps your workflow moving – from tight spaces to home studios.

amaran quality, made accessible for more creators. Whether you're investing in your first light or building a multi-light studio, the amaran Halo 100x focuses on what matters most for creators: powerful, consistent bi-color output for natural results, a step-up in brightness in the same ultra-compact footprint, and a durable build – delivering reliable amaran quality you can count on without adding complexity to your workflow.

Best-in-class brightness. The amaran Halo 100x packs 84W of light output to outshine competing ultra-compact COB lights, with up to 4,890 lux @ 1m (bare)– over 34% more output than the amaran 100x S in roughly one-third the size[1]. This extra headroom plus a wider 85º beam angle makes it easier to diffuse or shape your light without hotspots using modifiers with its reinforced full-size Bowens Mount, so you can craft different looks in compact spaces.

Flexible power for every setup. Built to keep setups simple and flexible, the amaran Halo 100x includes a DC power adapter for fixed studios, while also supporting a USB-C PD input when powered from USB-C PD sources. For a travel-ready setup, it can also run on the amaran Peak series via USB-C PD with the optional Ace E-Lock Adapter[2] – 40 mins at 100% output with the amaran Peak or 52 mins with the Peak 75 (limited to 60W).

Simple controls for faster shoots. With separate brightness and color temperature knobs and a clear, simplified interface, the amaran Halo 100x keeps adjustments fast and intuitive with virtually no learning curve. For wireless control, pair your amaran Halo 100x or multiple lights in the Halo family in the amaran app with just a tap via built-in NFC – even before turning it on.

Ultra-compact power for creator spaces. Designed for tight setups, the amaran Halo 100x delivers studio-ready performance in a space-saving footprint that's easy to place, quick to set up, and simple to store – the same ultra-compact body as the amaran Halo 60x. Despite its compact size, 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 100x 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] Size reduction measured by product volume vs amaran 100x S.
[2] amaran USB-C to 5-Pin DMX In & Out Adapter sold separately.
[2] amaran Ace E-Lock Adapter (1/4-20in & 3/8-16in Screw Compatible) sold separately.

amaran Halo 100x Photometrics

CCT	Dis.	No Accessories	Light Dome 60[1]	Mini Reflector[1]	Mini Fresnel (Spot)[1]	Mini Fresnel (Flood)[1]
2,700K	1m	3,670 lux	2,417 lux	27,910 lux	28,600 lux	10,010 lux
		341 fc	225 fc	2,593 fc	2,657 fc	930 fc
	3m	414 lux	182 lux	2,690 lux	2,830 lux	1,173 lux
		38 fc	17 fc	250 fc	263 fc	109 fc
3,200K	1m	4,360 lux	2,892 lux	33,500 lux	34,300 lux	12,020 lux
		405 fc	269 fc	3,112 fc	3,187 fc	1,117 fc
	3m	492 lux	218 lux	3,230 lux	3,400 lux	1,406 lux
		46 fc	20 fc	300 fc	316 fc	131 fc
4,300K	1m	4,890 lux	3,280 lux	38,100 lux	39,000 lux	13,690 lux
		454 fc	305 fc	3,540 fc	3,623 fc	1,272 fc
	3m	551 lux	247 lux	3,670 lux	3,870 lux	1,601 lux
		511 fc	23 fc	341 fc	360 fc	149 fc
5,600K	1m	4,860 lux	3,290 lux	38,400 lux	39,200 lux	13,790 lux
		452 fc	306 fc	3,567 fc	3,642 fc	1,281 fc
	3m	547 lux	248 lux	3,700 lux	3,890 lux	1,610 lux
		51 fc	23 fc	344 fc	361 fc	150 fc
6,500K	1m	4,630 lux	3,140 lux	36,700 lux	37,500 lux	13,210 lux
		430 fc	292 fc	3,410 fc	3,484 fc	1,227 fc
	3m	521 lux	237 lux	3,540 lux	3,720 lux	1,538 lux
		48 fc	22 fc	329 fc	346 fc	143 fc

amaran Halo 100x Specifications

CCT	2,700K - 6,500K
CRI	96+
TLCI	97+
SSI (D3200)	84
SSI (D56)	74
TM-30 RG (Average)	102
TM-30 RF (Average)	94
Max Power Output	84W
Max Power Consumption	100W
Max Light Output	4,890 lux @ 1m (No Accessory)
Lumens	8,722 lumens
Beam Angle	85º
Weather Resistance Rating	IP20
Power Supply Methods	USB-C PD 3.0, DC
Operating Voltage — **Fixture**	USB-C PD 20V/5A, DC 12-24V
Operating Voltage — **Power Supply**	AC 100V - 240V / 50 - 60Hz
Max Noise Level	28dBA
Max Power In Silent Mode	20W (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

Dimensions	**Fixture**	13.4 x 12.0 x 5.8cm / 5.28 x 4.72 x 2.28in
	Adapter Cable	2.5m / 8.20ft
	AC Cable	2.0m / 6.56ft
	1/4 to Baby Pin	9.5 x 8.0 x 2.5cm / 3.74 x 3.15 x 0.98in
Weight	**Fixture**	420g / 0.93lbs
	Adapter Cable	430g / 0.95lbs
	AC Cable	180g / 0.40lbs
	1/4 to Baby Pin	180g / 0.40lbs

Sales & Shipping Information

Product Name	amaran Halo 100x	
	SKU	**UPC**
amaran Halo 100x (CN)	MP0005043C	6978714710048
amaran Halo 100x (US)	MP0000043D	6978714710055
amaran Halo 100x (UK)	MP0004043E	6978714710062
amaran Halo 100x (EU)	MP0001043F	6978714710079
amaran Halo 100x (JP)	MP0002043G	6978714710086
amaran Halo 100x (AU)	MP0003043H	6978714710093
Packing Dimensions	26.6 x 23.3 x 11.3cm 10.47 x 9.17 x 4.45in	
Net Weight	1.21kg / 2.67lbs	
Gross Weight	1.55kg / 3.42lbs	
Carton Quantity	8 pcs	
Carton Dimensions	60.0 x 38.0 x 27.0cm 23.62 x 14.96 x 10.63in	
Carton Weight	15.0kg / 33.07lbs	