



# amaran COB 60x S Data Sheet

## Main Features

- **Ultra-High Color Quality** 65W Output Bi-Color Bowens Mount Point-Source LED
- **Upgraded High SSI LEDs:** SSI (Tungsten): **90+**, SSI (D56): **87+** — Significantly Improved Spectral Continuity and Light Quality
- **Increased CRI, TLCI, TM-30, and SSI Scores** for Super Accurate Color Rendering
- CRI: **96+**, TLCI: **97+**, TM-30 Rf: **96**, TM-30 Rg: **100**
- **33,300 lux @ 1m** with Hyper Reflector (Mini) @ 5,600K
- **Full Size Universal Bowens Accessory Mount**
- Included **Diffusion Cover** for Reflector
- Bi-Color CCT: **2,700K to 6,500K**
- **Stepless Dimming** from **0 to 100%**
- **Sidus Link** App Compatible
- **Passive V-Mount Quick Release Lock**
- Included **Dual Sony NP-F Battery Plate**
- **D-Tap Battery Compatible<sup>1</sup>**
- **Compact & Lightweight:** Just Over 11x11x11cm and 695g
- **1/4-20" Mounting Point**
- **Tilting Stand Mount with Umbrella Holder**
- **9 Lighting FX:** Paparazzi, Fireworks, Lightning, Faulty Bulb, TV, Pulse, Strobe, Explosion, & Fire
- Integrated **Silent Cooling** System
- Click Control Knob to **Toggle Through Intensity or CCT Presets**

<sup>1</sup> D-Tap Power Cable (DC 5.5mm) Sold Separately

## amaran COB 60x S Photometrics

CCT	Dis.	No Reflector	Hyper Reflector (Mini)
<b>2,700K</b>	0.5m	8,270 lux / 768 fc	96,100 lux / 8,928 fc
	1m	2,087 lux / 194 fc	27,750 lux / 2,578 fc
	3m	252 lux / 23 fc	2,965 lux / 275 fc
<b>3,200K</b>	0.5m	8,300 lux / 771 fc	97,400 lux / 9,049 fc
	1m	2,100 lux / 195 fc	28,160 lux / 2,616 fc
	3m	252 lux / 23 fc	2,980 lux / 277 fc
<b>4,300K</b>	0.5m	8,890 lux / 826 fc	105,400 lux / 9,792 fc
	1m	2,248 lux / 209 fc	30,500 lux / 2,834 fc
	3m	268 lux / 25 fc	3,230 lux / 300 fc
<b>5,600K</b>	0.5m	9,560 lux / 888 fc	114,700 lux / 10,656 fc
	1m	2,427 lux / 225 fc	33,300 lux / 3,094 fc
	3m	288 lux / 27 fc	3,510 lux / 326 fc
<b>6,500K</b>	0.5m	9,560 lux / 888 fc	120,800 lux / 11,223 fc
	1m	2,545 lux / 236 fc	35,100 lux / 3,261 fc
	3m	302 lux / 28 fc	3,700 lux / 344 fc



## Product Description

The amaran COB 60x S is an ultra-compact 65W bi-color Bowens Mount point-source light with integrated controls, full Bowens Mount versatility, and an upgraded LED chipset for enhanced color quality and spectral reproduction.

Featuring an all-new dual-blue LED chipset design, the COB 60x S has improved spectral continuity to achieve stunning spectral reproduction of an ultra-high SSI (Tungsten) of 90 and SSI (D56) of 87, a 17.5% increase in SSI performance from its predecessor. The enhanced color accuracy of the COB 60x S can also be seen in its increased CRI [96], TLCI [97], TM-30 RF [96], and TM-30 RG [100] values.

Equipped with a full-size universal Bowens Mount, the miniature COB 60x S is compatible with the largest selection of modifiers on the market, including the Light Box 45x45, Light Dome SE, Light Dome Mini II, and Aputure Lantern, making it an incredibly versatile multi-tool. For additional versatility, the COB 60x S can also be used with an umbrella with the included Tilting Stand Mount.

With its small stature as compact as a camera, the COB 60x S contains a powerhouse LED that can output 33,300+ lux at 1 meter when paired with the matching Hyper Reflector (Mini). Its miniature form factor houses an intuitive LCD screen and control knob interface that seamlessly blends into the body of the fixture, with the ability to adjust the light in 1% increments and toggle through intensity presets with ease.

Using its integrated Sidus Mesh technology, the COB 60x S can be controlled wirelessly via the Sidus Link app, granting it access to an extended range of intuitive controls as well as 9 lighting effects, including Paparazzi, Fireworks, Lightning, Faulty Bulb, TV, Pulse, Strobe, Explosion and Fire.

In addition to the included AC Power Supply, the fixture can be powered using the included Dual Sony NP-F Battery Plate or a D-Tap Battery<sup>1</sup>, which can easily be attached to the V-Mount Quick Release, located on the side of the unit for easy operation. The COB 60x S is the perfect light for creating on the move and can also be used with its matching Handheld Bracket<sup>2</sup> via the 1/4-20in Mounting Point for the ultimate mobile lighting kit.

<sup>1</sup> D-Tap Power Cable (DC 5.5mm) Sold Separately

<sup>2</sup> Handheld Bracket for amaran COB 60d/x Sold Separately

## Target Audience

With its ultra-high color quality, compact and lightweight body design, and convenient operation, the amaran COB 60x S is perfect for creators, videographers, and indie filmmakers who need to pack light without sacrificing exceptional spectral and image quality.

For creators lighting home studios or livestream setups, the significantly improved spectral quality of the COB 60x S will ensure accurate skin tone reproduction with industry-leading color quality.

Its super compact and lightweight form factor coupled with versatile power solutions with NP-F or D-Tap batteries make the COB 60x S ideal for creating on-the-go. And with its full-size Bowens Mount and intuitive Sidus Link app control, the compact versatility of the COB 60x S makes it an essential addition to any content creator, videographer, or indie filmmaker's lighting arsenal.



## What's in the Box

Name	Qty
amaran COB 60x S	1
Bowens Mount Protection Cover	1
Bowens Mount Hyper Reflector (Mini)	1
Diffusion Cover for Hyper Reflector (Mini)	1
1/4-20in Mounting Pin	1
Tilting Stand Adapter with Umbrella Mount	1
Dual NP-F Battery Plate for DC Barrel (5.5mm)	1
AC Power Supply	1
AC Power Cable	1
EPP Carrying Case	1



## Sales & Shipping Information

Product Name	amaran COB 60x S	
	SKU	EAN
<b>EU Plug</b>	APA0020A21	6971842186051
<b>UK Plug</b>	APA0020A23	6971842186075
<b>Packing Dimensions</b>	32.7 x 27.0 x 14.8cm 12.87 x 10.63 x 5.83in	
<b>Net Weight</b>	2.106kg / 4.64lbs	
<b>Gross Weight</b>	2.594kg / 5.72lbs	
<b>Carton Quantity</b>	2 pcs	
<b>Carton Dimensions</b>	34.5 x 31.5 x 29cm 13.58 x 12.4 x 14.42in	
<b>Carton Weight</b>	5.8kg / 12.79lbs	

## amaran COB 60x S Specifications

<b>CCT</b>		2,700K – 6,500K
<b>CRI</b>		96+
<b>TLCI</b>		97+
<b>CQS</b>		95+
<b>SSI (D32)</b>		90+
<b>SSI (D56)</b>		87+
<b>TM-30 RF (Average)</b>		96
<b>TM-30 RG (Average)</b>		100
<b>Max Power Consumption</b>		78W
<b>Max Power Output</b>		65W
<b>Lumens</b>		6,000lm
<b>Beam Angle</b>	<b>No Reflector</b>	109.4°
	<b>Hyper Reflector (Mini)</b>	13.5°
<b>Operating Voltage</b>	<b>DC Power Supply</b>	19V / 4.73A
	<b>AC Power Supply</b>	100V ~ 240V / 1.5A
	<b>V-Mount Battery</b>	12V ~ 16.8V
<b>Operating Temperature</b>		-10°C ~ 40°C / 14°F ~ 104°F
<b>Storage Temperature</b>		-20°C ~ 80°C / -4°F ~ 176°F
<b>Control Methods</b>		On-board, Sidus Link App
<b>Firmware Upgradeable</b>		Sidus Link
<b>Wireless Operating Range (Bluetooth)</b>		≤80m / ≤262.5ft
<b>Screen Type</b>		LCD
<b>Cooling Method</b>		Active Cooling
<b>Dimensions</b>	<b>Lamp Head w/o Mounting Bracket</b>	11.7 x 11.1 x 11.1cm 4.61 x 4.37 x 4.37in
	<b>Lamp Head w/ Mounting Bracket</b>	11.7 x 11.1 x 23.1cm 4.61 x 4.37 x 9.09in
	<b>Power Supply</b>	147 x 64 x 37.4mm 5.79 x 2.52 x 1.47in
	<b>Power Cable</b>	410cm / 161.4in
	<b>Battery Plate</b>	11 x 8.6 x 2.2cm 4.33 x 3.39 x 0.87in
<b>Weight</b>	<b>Lamp Head</b>	695g / 1.53lbs
	<b>Power Supply</b>	500g / 1.1lbs
	<b>Battery Plate</b>	111g / 0.24lbs
	<b>Total with Case</b>	2.594kg / 5.72lbs